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A SOURCE ARRANGEMENT FOR A LOW-EXPOSURE-RATE TOTAL-BODY IRRADIATION FACILITY FOR MAN*

By
Patricia Dalton†
Roger Cloutier†

* Work supported by the United States Atomic Energy Commission and the Manned Spaceflight Medical Division of the National Aeronautics and Space Administration

† From the Radiation Safety Office, Oak Ridge Associated Universities, Oak Ridge, Tennessee, under contract with the United States Atomic Energy Commission

TABLE OF CONTENTS

PREFACE

For the past ten years the ORINS Medical Division has studied the therapeutic potential and effect of total-body irradiation of man, and a medium-exposure-rate total-body irradiation facility has been in operation since May, 1960. Treatment with relatively low exposures has been found comparable to other forms of mitotic-suppressive therapy for certain chronic blood diseases; high exposures have been used in attempts to achieve grafts of normal bone marrow in the experimental treatment of acute leukemia. An important by-product of the therapeutic program has been imformation on the reactions of the patients' normal physiologic systems to total-body irradiation.

This research has been supported from the start by the U. S. Atomic Energy Commission. During the last three years major additional support has been received from the National Aeronautics and Space Administration because NASA is interested in the effects of total-body irradiation likely to be encountered in the exploration of outer space.

The gamma exposure rate in the medium-level facility can be varied from 0.5 to 4.5 R/min, and patients are usually treated at rates of 1.0 to 1.7 R/min. The radiation field is uniform in a volume about 1 ft high over a bed 6 ft long and 2 ft wide. There are indications that increased therapeutic benefits with fewer deleterious side effects may be obtained with low exposure rates of about 1 R/hr or less over a long time, 200 to 300 hours. In the ORINS medium-exposure-rate irradiator the exposure rates are too high and the uniform field too small to enable this type of treatment. Since a man cannot be expected to remain immobile in a small treatment area for so many hours, a low-exposure-rate total-body irradiation facility was required that would provide a uniform radiation field large enough for a man to live and move about at will during his exposure. Studies of various source arrangements were made to determine the most economical and suitable design for a low-exposure-rate facility. The basic requirement was a treatment volume at least 6 x 14 x 14 ft having a radiation field with less than 10% variation in the exposure rate.

The results of these studies, which determined the engineering, architectural, and safety requirements of the

facility now being constructed with combined USAEC and NASA support, are reported here at length to make them and their computerized solutions available to others.

G. A. Andrews, M. D.

C. C. Lushbaugh, M. D.

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Mr. D. K. Trubey of the Shielding Information Center, Oak Ridge National Laboratory, has been most helpful in supplying us with computer solutions for the more complicated source arrangements studied.

ABSTRACT

A facility for therapeutic, total-body irradiation of patients at exposure rates of 0.5, 1, and 5 R/hr is under construction at the ORINS Medical Division. Preliminary to architectural and engineering designs, a study was made of possible arrangements of sources to provide the facility's radiation field. This field must be large and uniform enough to permit patients to move about during treatment periods of up to two weeks. The treatment room required is at least 6 ft high and 14 ft square with a variation in the exposure rate of 10% or less.

Exposure rates and isodose lines have been calculated for 15 configurations of 1, 2, 4, 6, 8, and 10 sources assuming that the exposure rate at a point is proportional to the inverse square of the distance to the source. Computer data describing the radiation fields from these source arrangements have been reproduced in Appendix B.

The facility is nearly completed and consists of a treatment room 6 ft high and 16 x 16 ft in area centered inside a building 18 x 30 x 30 ft. The source arrangement selected comprises eight ^{60}Co sources (26 curies each) located near the corners of the outer building and two smaller sources (4 curies each) centered near the floor and ceiling.

A SOURCE ARRANGEMENT FOR A LOW-EXPOSURE-RATE TOTAL-BODY IRRADIATION FACILITY FOR MAN

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I. Introduction

Low-exposure-rate therapeutic total-body irradiation of human patients is the objective of a new facility under construction at the ORINS Medical Division. The irradiator will provide exposure rates of 0.5, 1, and 5 R/hr.

Various source arrangements have been considered for this facility. The basic requirements for the design were a large treatment area -- 6 to 8 ft high and at least 14 x 14 ft in floor area; an exposure rate uniform to within 10% in the irradiation room; and a structure economical to build and compatible with available space. The large exposures and low rates desired necessitate an irradiation room comparable to a two-bed hospital ward because we would like to accommodate two patients in a pleasant and comfortable room during the irradiation period that may last as long as two weeks. Since a radiation beam is attenuated in passing through tissue, and this introduces an unavoidable variation in the radiation intensity inside the body, the variation of the exposure rate in the irradiation room has been arbitrarily limited to 10%. Thus the aim of the calculations has been to find an optimum configuration of sources providing a large volume with a uniform exposure rate.

This study included investigations of different arrays of "point" sources; that is, sources whose dimensions are small compared with the distance to the point of interest. Except at very short distances from the source, an inverse-square ($1/r^2$) law determines the exposure rate, and exposure rates and isodose lines have been calculated on this basis. The computations included only the inverse-square

effect, although in practice, gamma scattering and attenuation can modify the exposure rate.

Because the exposure rate increases rapidly close to the sources, all the designs developed consist of a small irradiation room within a larger superstructure housing the sources. For convenience these are called the "inner" and "outer" rooms.

Cobalt-60 sources will be used to produce exposure rates of 0.5, 1, and 5 R/hr at the center of the irradiation room. The activity of the sources required by each type of source array was estimated by using a value I_γ = 14 R/hr/Ci of ^{60}Co at one foot.

An estimation was made of the exposure rates at the center of the walls and ceiling of each kind of source building when the exposure rate is 5 R/hr at the center of the irradiation room, and the thickness of concrete shielding[1] was found that would reduce the exposure rate at the outer walls to 2 mR/hr.

The purpose of this report is to describe the radiation fields resulting from various source arrangements. In addition we wish to provide to others the computer solutions (Appendix B) that were most helpful in the solution of multisource problems.

II. First Calculations

Some very uncomplicated and unsophisticated source distributions were considered first. We calculated the exposure rates for seven different types of source arrangements and found how far away one had to be from the sources to obtain a sufficiently large volume having the necessary uniformity.

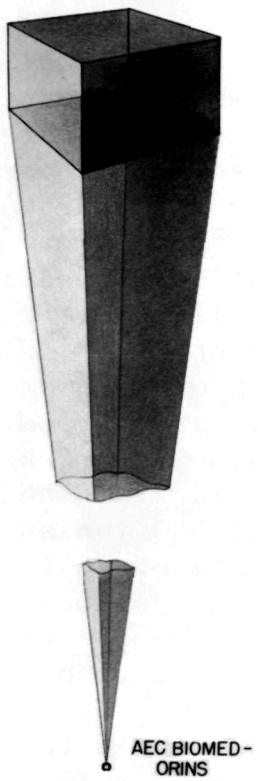


Fig. 1. Single-source design.

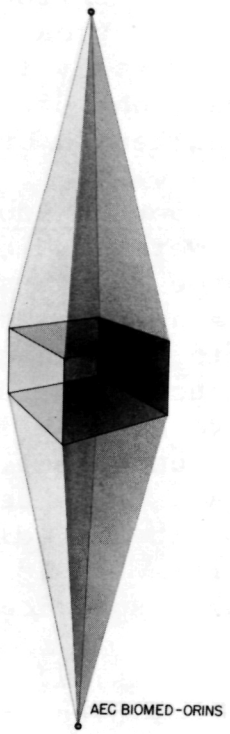


Fig. 2a. Vertical two-source design.

Single-Source Room. Simplicity itself was the idea of digging a deep hole in the ground, placing a single source at the bottom of a cone-shaped shaft, and beaming the source upward to the irradiation room. However, the calculations showed that a 5500-curie ^{60}Co source would have to be installed 118 feet below ground to obtain a treatment room 6 x 14 x 14 ft with an exposure rate of 5.0 to 5.5 R/hr. This room would require concrete shielding 25 in. thick on the walls and 33 in. thick on the roof. Besides the impractical depth at which the source would have

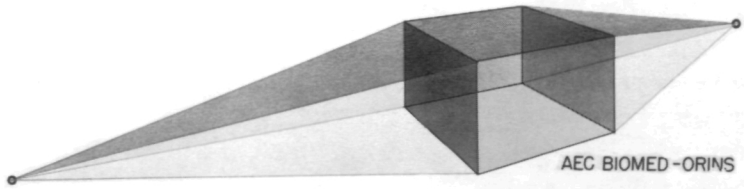


Fig. 2b. Horizontal two-source design.

to be located, this design has the major disadvantage that irradiation is from one direction only. A reduction in intensity as great as 70% can result when a radiation beam passes laterally through the human body;[2] the attenuation would be even more drastic when the radiation beam traverses the length of the body.

Two-Source Rooms. Two configurations involving two sources were studied next. One possibility was to locate one source down a shaft below the center of the floor and to place an opposing source at the top of a tower above the center of the ceiling of the irradiation room. The superstructure required to obtain a 5.0- to 5.5-R/hr exposure rate in an inner room 6 x 14 x 14 ft turned out to be very cumbersome. Two sources, each 230 curies of ^{60}Co, would have to be separated by a distance of 70 feet. The walls of the irradiation room would require about 33 in. of concrete shielding, and the sources themselves would call for a spherical lead shield about 9 in. thick.

The possibility of irradiating the inner room from two lateral directions was also considered. The sources would each have to be 265 curies located 75 ft apart. The room would require concrete walls 30 in. thick, and the shield around the sources would have to be the equivalent of almost 9 in. of lead.

Four-Source Room. A study was made of the exposure-rate pattern from four equal sources located midway between the floor and ceiling at the corners of the outer building. Four 80-curie ^{60}Co sources positioned in this manner in an outer building 6 x 41 x 41 ft would produce the desired exposure rate of 5.0 to 5.5 R/hr inside an inner room 6 x 14 x 14 ft. The outer building would require 27-in. concrete walls and a 34-in. concrete ceiling. This type of room was a considerable improvement over the bizarre one-

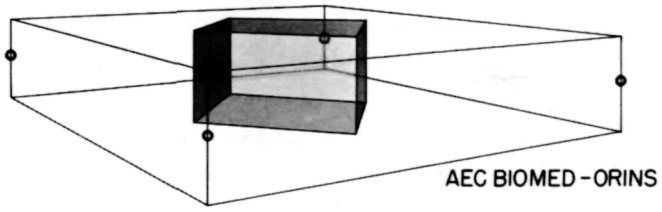


Fig. 3. Four-source design.

and two-source arrangements, but an area 41 x 41 ft was not available for building this facility close to the Medical Division. In addition, it is not very efficient: less than 12% of the total volume occupied by a facility of this design is usable space, and the regions of lowest exposure rate are in the center of the treatment room.

Six-Source Room. Adding two small sources to the four-source room (one each in the center of the floor and ceiling of the outer room) increased the exposure rate at the center of the irradiation room and improved matters a

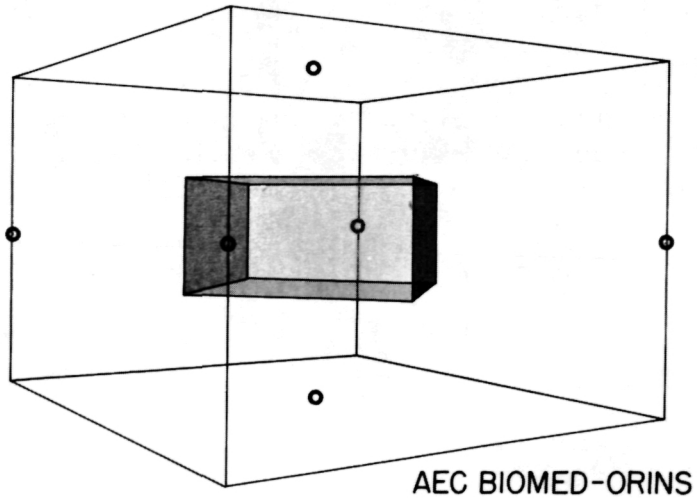


Fig. 4. Six-source design.

little. The efficiency of this type of design depends upon the activity of the two small trimming sources relative to the other four and upon the distances between the sources.[3] The situation studied here was a source building of proportions 50:100:100. The four large corner sources collectively contributed 95% of the dose at the center of the inner room. The two trimming sources contributed the remaining 5% and were centered in the floor and ceiling of the outer room. With this arrangement the 5.0- to 5.5-R/hr exposure rate desired in a 6 x 14 x 14-ft inner room could be obtained if the four sources were 41 curies each, if the two small sources were 2 curies apiece, and if the outer building were 22 ft high and 31 ft on a side. This building would be too high and would be uneconomical to build: less than 6% of the total space occupied is usable. Necessary shielding for the outer building would be concrete 27 in. thick for the walls and 17 in. thick for the roof.

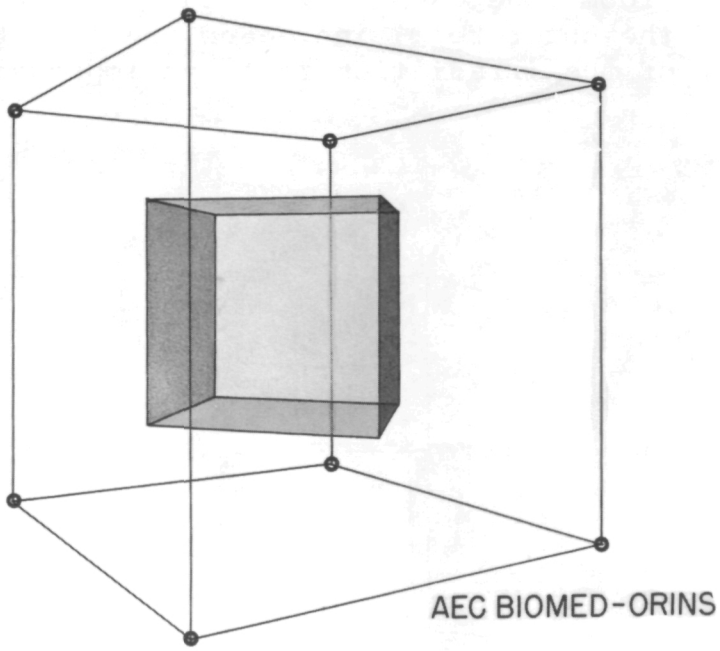


Fig. 5. Eight-source cube.

Eight-Source Cube. The medium-exposure-rate total-body irradiator now in service at the Medical Division

uses eight sources located in each corner of a cubical room.[4] The exposure rate is nearly constant in this room in a volume about 1 ft high over a bed 6 ft long and 2 ft wide.[5] It was thought that a design similar to this one might also be applicable to the proposed low-exposure-rate irradiator, and it might be more compact than any of the other arrangements studied. Calculations indicated that eight 28-curie ^{60}Co sources located in the corners of a 28-foot cube would yield an inner volume 14 x 14 x 14 ft having an exposure rate of 5.0 to 5.5 R/hr. The isodose lines determine the orientation of this treatment room: the floor of the inner room is raised from the floor of the outer building, and the walls of the inner room are at a 45-degree angle to the walls of the outer building. The shielding required for this structure would be 28 in. of concrete on the walls and ceiling of the outer building.

Spherical Source. Eight sources in a cubical arrangement approximate a sphere with a uniform distribution of source material on its inner surface, and the isodose lines from such a sphere were briefly studied. If 151 curies of ^{60}Co were distributed on the inner surface of a sphere 40 ft in diameter, the inner room would be a cylinder 20 ft in diameter or a rectangular box 8 x 14 x 14 ft. In practice the effect of a spherical source superstructure might be achieved by moving one or more discrete sources on circular tracks that would cover all points on a sphere. The amount of shielding required would depend upon the number of sources used and their rate of travel on the outer sphere. However, this type of design is actually no more efficient than the eight-source cube; in both, 12½% of the total volume occupied by the facility would be usable space. In the eight-source cube the 10% isodose volume approximates a sphere, and this volume is a sphere when the source is a sphere. Therefore additional waste space would result if a rectangular room were constructed within these types of source houses because all the volume available still would not be used.

Table I is a summary of the results of these preliminary calculations. Appendix A included a more detailed tabulation.

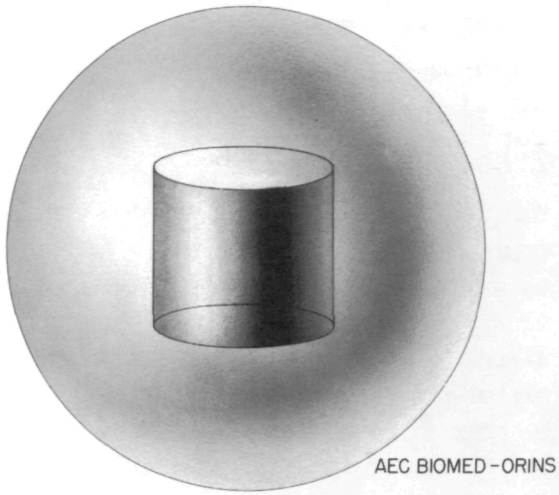


Fig. 6a. Spherical source, cylindrical inner room.

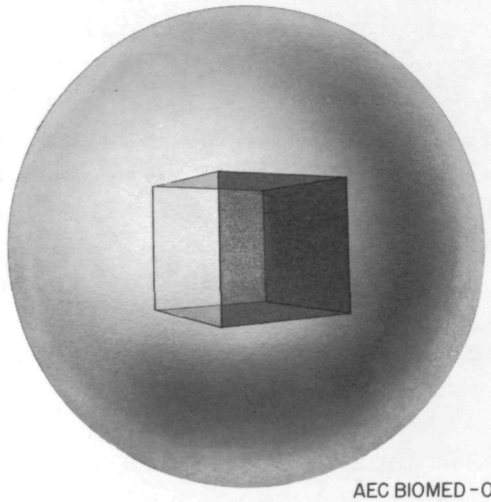


Fig. 6b. Spherical source, rectangular inner room.

Table I. SUMMARY OF EARLY CALCULATIONS

Source arrangement	Size of outer building (feet)	Size of irradiation room (feet)	Exposure rate and percent variation (R/hr) (%)	Activity of ^{60}Co sources required for 5 R/hr	Required shielding (inches of concrete) (walls)	(roof)	Percent usable volume (%)
Single source	Shaft 118 below ground	6 x 14 x 14	5 10	5500	25	33	----
Two vertically opposing sources	70 apart	6 x 14 x 14	5 10	231 each	33	--	----
Two horizontally opposing sources	75 apart	6 x 14 x 14	5 10	265 each	30	--	----
Four sources	6 x 41 x 41	6 x 14 x 14	5 10	80 each	27	33	11.7
Six sources	22 x 31 x 31	6 x 14 x 14	5 10	4 at 41 each 2 at 2 each	27	--	5.6
Eight sources in corners of a cube	28 x 28 x 28	14 x 14 x 14	5 10	28 each	28	28	12.5
Sphere	40 diameter	Cylinder 8 high and 20 diameter, or box 8 x 14 x 14	5 10	151 total	Depends upon the number of sources and their time of distribution		12.5

III. Eight-Source Rooms

To achieve a fairly high ratio of usable space to total space occupied, a practical geometry, and to be able to irradiate patients from many directions, the final source arrangement would apparently have to be rather complicated in that it would involve eight or more sources. Since the exposure rate is determined by the sum of the individual contributions from a finite number of discrete sources, hand calculations to evaluate a variety of many-source arrangements became lengthy and laborious. Therefore, a computer was used to compute the dose rate at the many points necessary to draft isodose lines and determine the size of the irradiation room. The computer data are reproduced in Appendix B. In the diagrams showing isodose lines all the numbers have been normalized to 1.00 at the center of the irradiation room.

Later calculations pursued the further possibilities of eight-source configurations, since it was thought that by changing the proportions of the rectangular box holding the sources, the isodose lines might be altered to fit a conventionally-shaped room. In addition to eight sources in the corners of a cube, the exposure rate patterns of eight sources located in the corners of boxes of proportions 50:100:100, 60:100:100 and 70:100:100 were studied.

Outer Room 50:100:100. Eight sources in the corners of a rectangular building of proportions 50:100:100 yielded a large but shallow inner room. If the outer building were 21.5 ft high and 43 ft on a side, tne inner room would be 6 x 21 x 21 ft. If each of the eight sources were 49 curies of ^{60}Co, the exposure rate within the treatment room would be 5.0 to 5.5 R/hr. Only 6.7% of the total volume would be usable, and the dimensions of the outer building would be too large for available building space. The shielding required for the outer building would be the equivalent of 27.5 in. of concrete on the walls and 30 in. of concrete on the roof.

Outer Room 60:100:100. Calculations showed that eight 39-curie ^{60}Co sources in the corners of a building 22.5 ft high and 37.5 ft on a side would yield another shallow inner room 6 x 20 x 20 ft having an exposure rate of 5.0 to 5.5 R/hr. The volume of the inner room is 7.7% of the volume of the outer building. The necessary shielding is 27.5 in. concrete for the walls and 30 in. concrete for the roof. A space 15 ft high and 30 x 30 ft in area

was about the maximum available for building this facility so that this particular source arrangment was not satisfactory.

Outer Room 70:100:100. To obtain an inner room 6 ft high, an outer building of proportions 70:100:100 would have to be 19 ft high and 27 ft on each side. Eight sources each of 22 curies of ^{60}Co would produce an exposure rate of 5.0 to 5.5 R/hr inside the inner room, which would be about 16.5 x 16.5 ft in floor area. Concrete shielding 27.5 in. thick would be necessary for the walls of the outer building, and 29 in. concrete would be required on the roof. About 11.6% of the total volume of the outer building would be usable space.

This particular design best fit the requirements for the low-exposure-rate total-body irradiation facility; however, as with all the other eight-source boxes, the isodose lines defined a shallow inner room where the dose rate would vary by 10% or less. In all these designs the outer structure would need to be higher than the 15-foot limit to obtain an inner room at least 6 ft high. Another characteristic of each of these designs is that the exposure rate is lowest at the center of the inner room and rises rapidly toward the center of the walls.

IV. Ten-Source Rooms

Next studied was the effect of adding two small trimming sources to the centers of the floor and ceiling of the outer room to build up the low exposure rate at the center of an eight-source room. By using ten sources an outer building could be constructed meeting the 15 x 30 x 30 ft limit and satisfying other conditions for the facility as well.

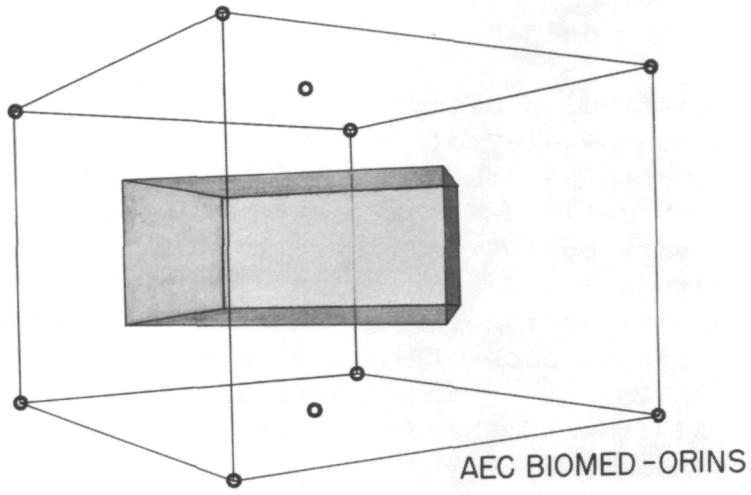


Fig. 7. Ten-source design.

As with the six-source arrangement studied earlier, the relative size of the trimming and main sources and their locations determine the isodose lines in the ten-source designs. The first two types of ten-source rooms studied were boxes 50:100:100 with eight equal sources in the corners and two small sources, one each centered in the floor and the ceiling of the outer building.

Outer Box 50:100:100; D_8 = 95%, D_2 = 5%. The first ten-source room studied was one in which the eight sources in the corners contributed 95% of the dose at the center of the inner room (D_8), and the two trimming sources contributed the remaining 5% (D_2). This may have been a fortuitous guess. If the outer building were 15 x 30 x 30 ft, the inner room could be as large as 6.5 x 16 x 16 ft.

Eight sources each 23 curies of ^{60}Co in the corners plus two sources of 0.5 curies each in the floor and ceiling would produce an exposure rate of 5.0 to 5.5 R/hr inside the inner irradiation room. Almost 13% of the total volume is usable space. The shielding required would be 27 in. of concrete on the walls and 30 in. of concrete on the roof. This design meets all the requirements for the size of the inner and outer rooms and for uniformity in dose rate, and a patient would be irradiated from several directions.

Outer Box 50:100:100; D_8 = 91%, D_2 = 9%. Pursuing the ten-source idea further to see whether it could be made still more efficient, it was found that if the eight corner sources contributed 91% of the dose at the center of the inner room and if the two trimming sources contributed 9%, an inner room 6.5 x 17.8 x 17.8 ft could be build within an outer building 15 x 30 x 30 ft. An exposure rate of 5.0 to 5.5 R/hr inside the inner room could be obtained with the eight sources in the corners being 22 curies each and with two trimming sources of 1 curie apiece. This design has an inner room that is 15.5% of the volume of the outer building. The shielding required on the outer building is 27 in. of concrete on the walls and 30 in. of concrete on the roof. Some rough hand-calculations indicate that within an outer building 15 x 30 x 30 ft the largest possible inner room is about 6.5 x 19.5 x 19.5 ft. An exposure rate of 5.0 to 5.5 R/hr would result when the eight corner sources are each 19 curies (D_8 = 83%) and the two small sources are 1.7 curies each (D_2 = 17%). Such a design has a usable volume approximately 18% of the total volume.

A source design has been found that more than met the minimum requirements for the low exposure-rate facility, yet another design might be found that would call for a smaller superstructure. A smaller outer building would be desirable since it would cost less. The isodose lines in the ten-source room previously described limit the height of the inner room to about 6.5 ft. That is, by altering the activity of the trimming sources, more floor area in the inner room might be obtained, but the height of the inner room would not be increased. Therefore, this particular type of ten-source room could not be "scaled down" to obtain a smaller inner room that still met the requirements and a smaller outer building that would be more economical to build.

With these things in mind, some other ten-source rooms were investigated whose outer buildings were basically boxes of proportions 70:100:100. Two of the three rooms of this type turned out to be worse than some of the earlier designs; one was very good.

Outer Box 70:100:100; D_8 = 77%, D_2 = 23%. One of the designs was a ten-source box 70:100:100 in which the eight large corner sources contributed 77% of the dose at the center of the treatment room and the two trimming sources in the floor and ceiling accounted for 23% of the dose. To obtain an inner room 6.4 x 14 x 14 ft, the outer building would have to be 20 x 29 x 29 ft. Eight sources of 18 curies of ^{60}Co each in the corners and two sources of 4 curies each in the floor and ceiling would produce an exposure rate of 4.6 to 5.2 R/hr (about 12% variation) within the inner room. The shielding required on the outer building would be 28 in. of concrete on the walls and 29 in. of concrete on the roof. At most points in this room the exposure rate would be less than 5 R/hr, yet "hot spots" in the center of the floor and ceiling would be present.

Outer Box 70:100:100; D_8 = 83%, D_2 = 17%. An outer box 70:100:100 in which the eight corner sources accounted for 83% of the dose at the center of the inner room and two trimming sources contributed 17% of the dose was something of an improvement but still not a very good design. To obtain an inner room 6.4 x 14 x 14 ft, the outer building would have to be 17 ft high and 25 ft on each side. The exposure rate inside the inner room would be 4.7 to 5.5 R/hr (14% variation) if the eight corner sources were 14 curies ^{60}Co each and the two trimming sources were each 2 curies of ^{60}Co. Twenty-eight inches of concrete shielding would be required on the walls of the outer building, and 29 in. would be necessary on its roof. This design also has hot spots in the center of the floor and the ceiling of the inner room, and it does not meet the requirements for both the inner and outer rooms as well as some of the other designs do.

Outer Box 70:100:100; D_8 = 91%, D_2 = 9%. This design is the best of all those considered. If the outer building were 15 x 21.5 x 21.5 ft, an inner room 6.5 x 14 x 14 ft could be obtained with an exposure rate of 5.0 to 5.5 R/hr. The eight corner sources would have to be 12 curies of ^{60}Co each, and the two small sources would have to be 1

curie apiece. Concrete shielding 28 in. thick would be required on the walls of the outer building and 29 in. thick on the roof. More than 18% of the volume occupied by this outer building would be usable space. This design meets all the requirements for the inner and outer rooms and for uniformity in exposure rate.

Table II and Fig. 8 compare the eight- and ten-source rooms studies.

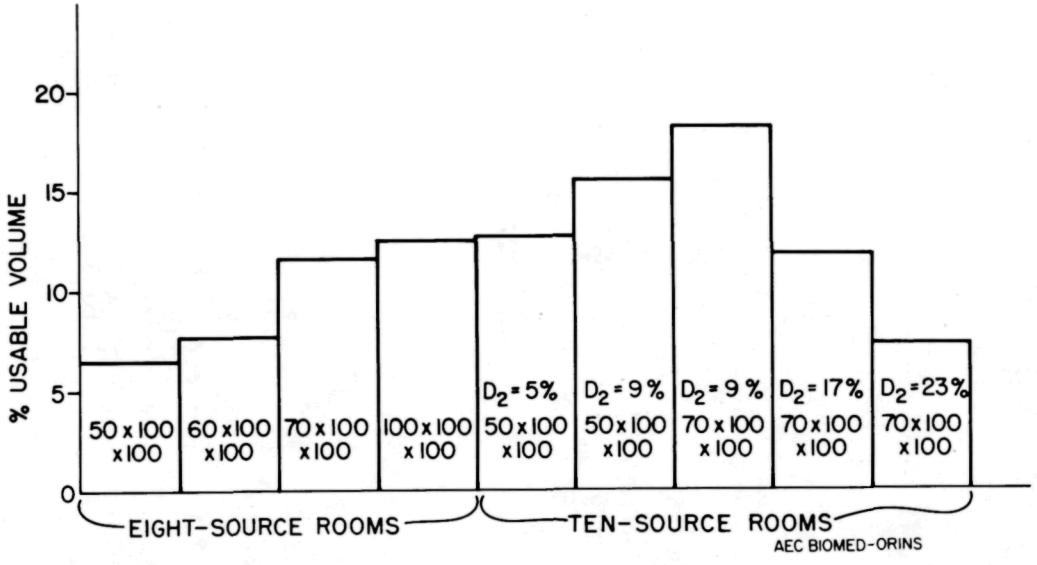


Fig. 8. Comparison of 9 eight- and ten-source rooms.

Table II. SUMMARY OF EIGHT- AND TEN-SOURCE ROOMS

Source arrangement	Size of outer building (feet)	Size of inner room (feet)	Exposure rate and range (R/hr) (%)	Activity of ^{60}Co sources required for 5 R/hr (curies each)	Required shielding (inches of concrete) (walls)	(roof)	Percent usable volume (%)
Eight sources in corners of a 50:100:100 box	21 x 43 x 43	6 x 21 x 21	5 10	49	27.5	30	6.5
Eight sources in corners of a 60:100:100 box	22.5 x 37.5 x 37.5	6 x 20 x 20	5 10	39	27.5	30	7.7
Eight sources in corners of a 70:100:100 box	19 x 27 x 27	6 x 16.6 x 16.6	5 10	22	27.5	29	11.6
Eight sources in corners of a cube	28 x 28 x 28	14 x 14 x 14	5 10	28	28	28	12.5
Ten sources in 50:100:100 box, D_8 = 95%, D_2 = 5%	15 x 30 x 30	6.6 x 16 x 16	5 10	8 at 23 2 at 0.5	27	30	12.7
Ten sources in 50:100:100 box, D_8 = 91%, D_2 = 9%	15 x 30 x 30	6.6 x 17.8 x 17.8	5 10	8 at 22 2 at 1	27	30	15.5
Ten sources in 70:100:100 box, D_8 = 77%, D_2 = 23%	20 x 29 x 29	6.4 x 14 x 14	4.6 to 5.2 12	8 at 18	28	29	7.3
Ten sources in 70:100:100 box, D_8 = 83%, D_2 = 17%	17 x 25 x 25	6.4 x 14 x 14	4.7 to 5.5 14	8 at 14 2 at 2	28	29	11.8
Ten sources in 70:100:100 box, D_8 = 91%, D_2 = 9%	15 x 21.5 x 21.5	6.5 x 14 x 14	5 10	8 at 12 2 at 0.9	28	29	18.2

V. The Source Arrangement in the Facility Under Construction

In late December, 1965, construction began on the low-exposure-rate total-body irradiator, and the facility is expected to be complete by January, 1967. The design is based on a ten-source arrangement having eight major sources located in the corners of a 70:100:100 box and two trimming sources centered in the floor and ceiling of this box.

The Inner dimensions of the source superstructure are 18 x 30 x 30 ft. The vertical separation of the sources is 15 ft, and the horizontal distance between the corner sources is 21.5 ft. The extra space at the periphery of this building was included to provide room for the shielded source holders and to allow the corner sources to be movable, thus permitting some adjustment of the isodose lines since it was expected that the characteristics of the actual facility would differ from the calculated isodose lines and exposure rates.

The eight corner sources will contribute approximately 91% of the dose at the center of the treatment volume, and the two trimming sources will account for the remainder. To produce an exposure rate of 5 R/hr in the treatment room, the eight corner sources each must be 12 curies of ^{60}Co, and the two trimming sources must be 1 curie apiece. To adjust the exposure rate to 1 and 0.5 R/hr, each of the eight large sources must be 2.5 and 1.2 curies respectively; each of the two trimming sources must be 0.19 and 0.096 curies respectively. To avoid altering the energy spectrum of the radiation, no filters are used to vary the exposure rate. Instead, the sources are rods having a constant activity per unit length, and the radiation level in the treatment room will be adjusted by varying the amount of source rod extended from its shielded container. The initial loading of each of the eight major source rods was 26 curies of ^{60}Co, about twice the activity required. Thus the radioactive decay of the sources can be compensated for as needed by exposing more of the source rod.

The treatment room is now under construction and is being built with low-atomic-number materials, plywood and

aluminum, so as to minimize attenuation of the radiation. In conforming to the expected isodose lines, the walls of the inner room are at 45-degree angles to the walls of the outer building, and the inner floor is about 5 ft above the floor of the outer building.

The shielding walls of the superstructure are 28 inches of concrete, and the roof is 22 inches of concrete with restricted access.

REFERENCES

1. Steigelmann, William H., Radioisotope shielding design manual. USAEC Report NYO-10721, July, 1963.

2. The variation in isodose lines inside the body with respect to different source arrangements is discussed by E. W. Webster in Physical considerations in the design of facilities for the uniform whole-body irradiation of man. Radiology 75, 19-32, 1960. Webster also discusses in general the radiation fields from several arrangements of sources.

3. A similar design has been used in a high-level total-body irradiation facility at the Manitoba Cancer Treatment and Research Foundation, Winnipeg, Manitoba. See A. F. Holloway and R. J. Walton, The design of a whole-body irradiation room. J. Can. Assoc. Radiologists, 12, 138-142, Dec. 1961.

4. Brucer, M. A total-body irradiator. Int. J. Appl. Radiat. 10, 99-105, 1961.

5. Morris, A. C. Jr. Measurements in a total-body irradiation facility. Int. J. Appl. Radiat. 11, 108-113, 1961.

Appendix A. Additional Data On Early Calculations

The inverse square law, $D_p = \sum_{i=1}^{n} \frac{k}{r_i^2}$ gives the exposure rate D_p at a point, p, where r_i is the distance between point p and the i-th source. The summation is over the total number of sources, n. The source, its activity, and the units of D_p determine the value of the constant, k. For simplicity in the calculations, k was set equal to 1000; the results were converted to "R/hr" after the $1/r^2$ computations were complete.

In the diagrams of isodose lines, all numerical values have been normalized to 1.00 at the geometric center of the irradiation volume. Thus these results are applicable to any scalar field where the "sources" are arranged in a similar geometry and where the "intensity" obeys an inverse-square law.

During the preliminary calculations a minimum size for the irradiation room had not be established. To get a feeling for sizes of the inner rooms and outer buildings for each source arrangement, we determined the dimensions of the outer buildings required to obtain inner rooms of several different sizes. The tables of this appendix are a tabulation of these calculations.

Table A-1. SINGLE SOURCE

Exposure Rate at Center of Irradiation Room: 5 R/hr

Variation in Exposure Rate: 10% (4.75 to 5.25 R/hr)

Size of inner irradiation room (feet)	Size of outer building (feet)	Depth of source below center of floor (feet)	^{60}Co source (curies)	Required shielding on roof (inches)	Approximate thickness of shielding required for walls (inches)
6 x 10 x 10	6 x 10 x 10 plus shielding & source shaft	114	5170	5.6 lead 2.9 uranium 33 concrete	4.2 lead 2.2 uranium 25 concrete
6 x 12 x 12	6 x 12 x 12 plus shielding & source shaft	116	5350	same as above	same as above
6 x 14 x 14	6 x 14 x 14 plus shielding & source shaft	118	5530	same as above	same as above
6 x 18 x 18	6 x 18 x 18 plus shielding & source shaft	122	5900	same as above	same as above
6 x 20 x 20	6 x 20 x 20 plus shielding & source shaft	124	6100	same as above	same as above

Table A-2a. TWO SOURCES - VERTICAL ARRANGEMENT

Exposure Rate at Center of Irradiation Room: 5 R/hr

Variation in Exposure Rate: 10.3%

Size of inner irradiation room (feet)	Size of outer building (feet)	Separation of two sources (feet)	Required ^{60}Co sources (curies each)	Shielding for room (inches)	Shielding for source cones
6 x 10 x 10	6 x 10 x 10 + source cones & shielding	50	118	5.5 lead 2.8 uranium 33 concrete	Exponential increase in shielding up to 8.0 in. lead at 3 ft from source
6 x 12 x 12	6 x 12 x 12 + source cones & shielding	60	170	same as above	Exponential increase in shielding up to 8.4 in. lead at 3 ft from source
6 x 14 x 14	6 x 14 x 14 + source cones & shielding	70	231	same as above	Exponential increase in shielding up to 8.6 in. lead at 3 ft from source
6 x 18 x 18	6 x 18 x 18 + source cones & shielding	90	382	same as above	Exponential increase in shielding up to 8.9 in. lead at 3 ft from source
6 x 20 x 20	6 x 20 x 20 + source cones & shielding	100	472	same as above	Exponential increase in shielding up to 9.2 in. lead at 3 ft from source

Table A-2b. TWO SOURCES - HORIZONTAL ARRANGEMENT

Exposure Rate at Center of Room: 5 R/hr

Variation in Exposure Rate: 10%

Size of irradiation room (feet)	Size of outer building (feet)	Separation of two sources (feet)	^{60}Co sources (curies each)	Shielding for room (inches)	Shielding for source cones
6 x 10 x 10	6 x 10 x 10 + source cones & shielding	53.5	135	4.9 lead 2.7 uranium 30 concrete	Exponential increase in shielding up to 8.2 in. lead at 3 ft from source
6 x 12 x 12	6 x 12 x 12 + source cones & shielding	64.2	194	same as above	Exponential increase in shielding up to 8.5 in. lead at 3 ft from source
6 x 14 x 14	6 x 14 x 14 + source cones & shielding	74.9	265	same as above	Exponential increase in shielding up to 8.7 in. lead at 3 ft from source
6 x 18 x 18	6 x 18 x 18 + source cones & shielding	96.3	438	same as above	Exponential increase in shielding up to 9.0 in. lead at 3 ft from source
6 x 20 x 20	6 x 20 x 20 + source cones & shielding	107	540	same as above	Exponential increase in shielding up to 9.2 in. lead at 3 ft from source

Table A-3. FOUR-SOURCE ROOM

Exposure Rate at Center of Irradiation Room: 5 R/hr

Variation in Exposure Rate: 10%

Size of inner room (feet)	Size of outer building (feet)	Distance of each source from center of rooms (feet)	Required ^{60}Co sources (curies each)	Shielding on walls of outer building (inches)	Shielding on roof of outer building (inches)
6 x 10 x 10	6 x 29 x 29 + shielding	20.8	40	4.5 lead 2.4 uranium 27 concrete	5.6 lead 3.0 uranium 33.5 concrete
6 x 12 x 12	6 x 35 x 35 + shielding	25.0	59	same as above	same as above
6 x 14 x 14	6 x 41 x 41 + shielding	29.2	80	same as above	same as above
6 x 18 x 18	6 x 53 x 53 + shielding	37.5	132	same as above	same as above
6 x 20 x 20	6 x 59 x 59 + shielding	41.7	164	same as above	same as above

Table A-4. SIX-SOURCE ROOM

Exposure Rate at Center of Irradiation Room: 5 R/hr

Variation in Exposure Rate: 10%

Contribution of Four Large Sources to Exposure Rate at Center: 95%

Contribution of Two Trimmer Sources to Exposure Rate at Center: 5%

Size of inner room (feet)	Size of outer building (feet)	Activity of four large sources (curies of ^{60}Co each)	Activity of two trimming sources (curies of ^{60}Co each)	Shielding required on outer walls (inches)	Shielding required on outer roof (inches)
5 x 10 x 10	15.6 x 22 x 22 + shielding	21	1	4.6 lead 2.4 uranium 27 concrete	2.6 lead 1.3 uranium 17 concrete
6 x 12 x 12	19 x 26.5 x 26.5 + shielding	37	2	same as above	same as above
6 x 14 x 14	22 x 31 x 31 + shielding	41	2	same as above	same as above
6 x 18 x 18	28 x 40 x 40 + shielding	68	3	same as above	same as above
6 x 20 x 20	31 x 44 x 44 + shielding	84	4	same as above	same as above

Table A-5. EIGHT-SOURCE CUBE

Exposure Rate at Center of Irradiation Room: 5 R/hr

Variation in Exposure Rate 10% (5.00 to 5.50 R/hr)

Size of inner room (feet)	Size of outer building (feet)	Activity of each ^{60}Co source required (curies each)	Shielding required on walls and roof (inches)
8 x 8 x 8	16 x 16 x 16 + shielding	9.3	4.75 lead 2.5 uranium 28 concrete
10 x 10 x 10	20 x 20 x 20 + shielding	15	same as above
12 x 12 x 12	24 x 24 x 24 + shielding	21	same as above
14 x 14 x 14	28 x 28 x 28 + shielding	28	same as above
18 x 18 x 18	36 x 36 x 36 + shielding	47	same as above
20 x 20 x 20	40 x 40 x 40 + shielding	58	same as above

Table A-6. UNIFORM SOURCE DISTRIBUTION ON INNER SURFACE OF A SPHERE

Exposure Rate at Center of Irradiation Room: 5 R/hr

Variation in Exposure Rate: 10% (5.00 to 5.50 R/hr)

Size of rectangular inner room (feet)	Size of cylindrical inner room (feet)	Diameter of outer sphere (feet)	Total curies of ^{60}Co required
8 x 8.5 x 8.5	8 high 12 diameter	24 + shielding*	54
8 x 10 x 10	8 high 14 diameter	28 + shielding	74
8 x 13 x 13	8 high 18 diameter	36 + shielding	122
8 x 14 x 14	8 high 20 diameter	40 + shielding	151
8 x 18 x 18	8 high 25.5 diameter	51 + shielding	246

* Shielding required depends on the number of sources actually used and their distribution in time on the outer sphere.

Appendix B. Numerical Tables

To make the results general and flexible,

$$D_p = \sum_{i=1}^{n} \frac{1000}{r_i^2}$$ was calculated for points in a room where

distance was measured in arbitrary "units" rather than in feet or centimeters. The outer buildings were 100 x 100 units in area and 50, 60, 70, or 100 units high. The result was numbers expressing the relative field intensity in a volume that could be adjusted to any size desired by using a scaling factor. In the tables the field intensities have been normalized to 1.00 at the center of the rooms.

All the source arrangements studied produce fields that are symmetrical about the center. Therefore the tables include the normalized relative field intensity at points in one octant, and points in the rest of the room can be obtained by symmetry.

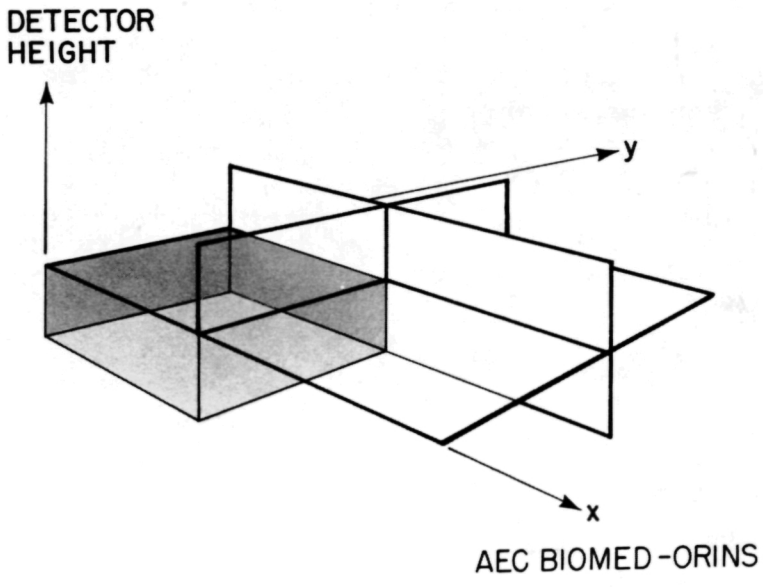


Fig. 9. Layout of numerical tables. The portion of a room included in the tables is indicated by the shaded area.

In the calculations the z-coordinate was held constant, and the x- and y-coordinates were variable. Points in a chosen z-plane were obtained, and then the z-coordinate was changed and the process repeated. The tables are laid out as shown in Fig. 9. The point x = 0, y = 0 is the far left-hand corner of a horizontal plane, and the point x = 50, y = 50 is the center of this plane. The z-coordinate is called "Detector Height" in the tables and appears at the top of a page. The tables include only points in the lower, far-left octant; for example, for an outer room 60:100:100 units, the tables show points in the x-y plane from (0,0) to (50,50) for detector heights 0, 2, 4, ..., 30.

In the tables for ten-source designs, the heading "Ceiling Strength" denotes the combined strength of the two trimming sources relative to the strength of the eight major corner sources. For example, "Ceiling Strength 0.1" indicates that the contribution of the two trimming sources to the exposure rate at the center of the treatment room is 0.1, and the contribution of the eight large sources is 1.0. Thus this is the arrangement for which

$$D_2 = \frac{0.1}{1.0 + 0.1} \times 100 = 9\% \text{ and}$$

$$D_8 = \frac{1.0}{1.0 + 0.1} \times 100 = 91\%.$$

Tables of computer data have been obtained for the following source arrangements:

I. Two Opposing Equal Sources
   - A. 50 units apart
   - B. 60 units apart
   - C. 70 units apart

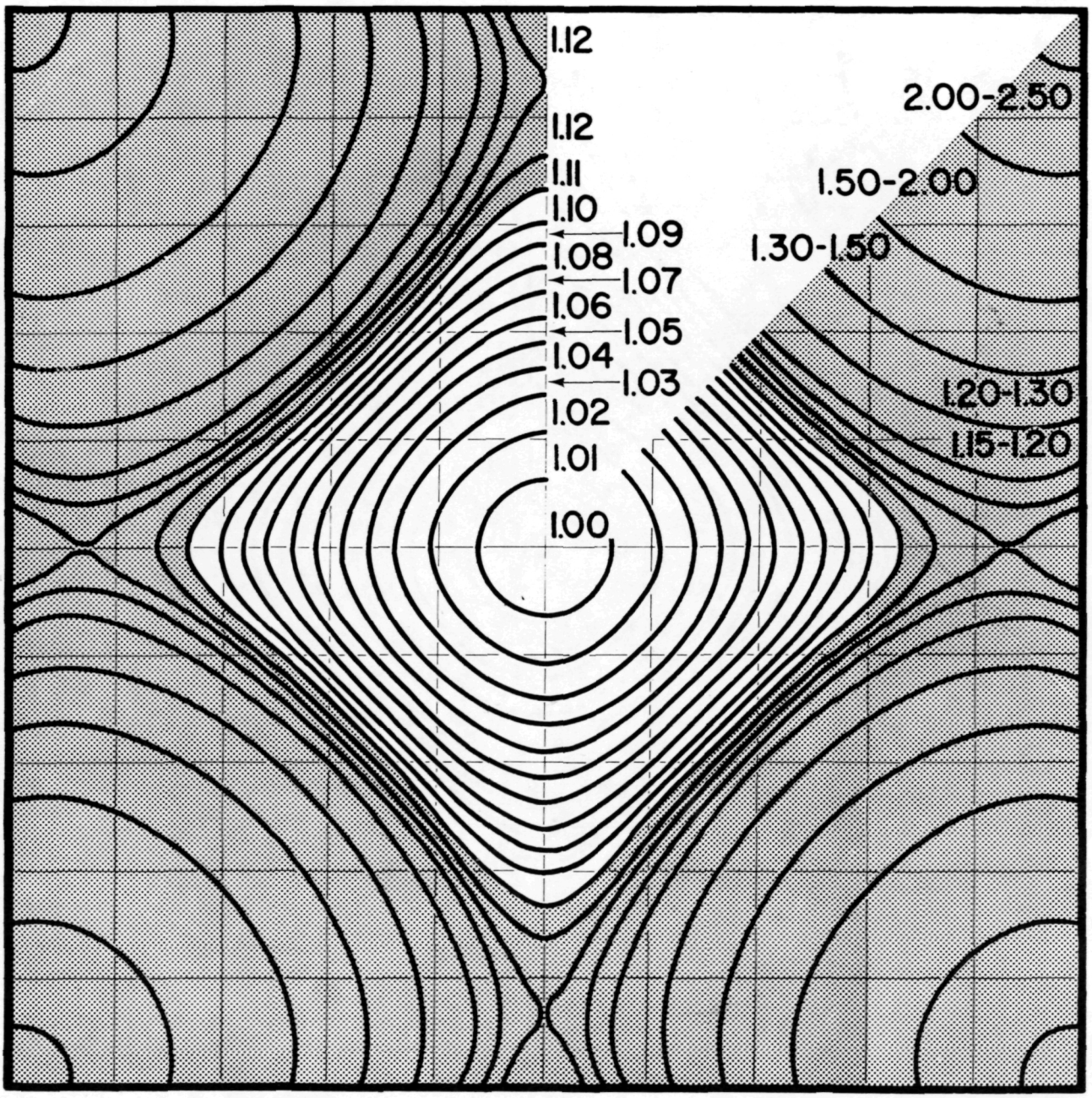
II. Eight-Source Rooms
   - A. 50:100:100 units
   - B. 60:100:100 units
   - C. 70:100:100 units

III. Ten-Source Rooms 70:100:100
   - A. $D_8 = 91\%$, $D_2 = 9\%$
   - B. $D_8 = 83\%$, $D_2 = 17\%$
   - C. $D_8 = 77\%$, $D_2 = 23\%$

EIGHT-SOURCE DESIGN
50x100x100 Outer Room

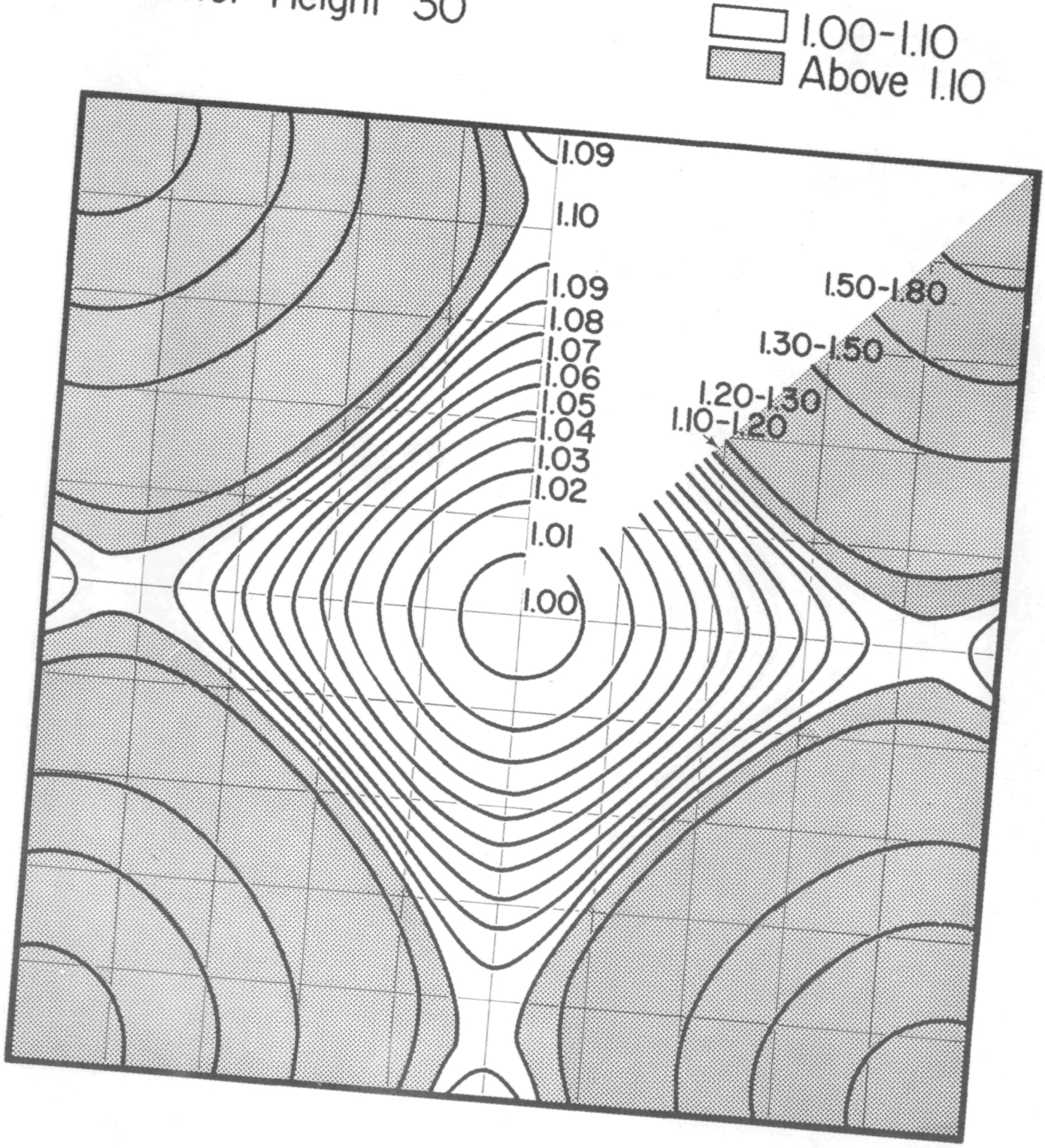
Detector Height 24

1.00-1.10
Above 1.10



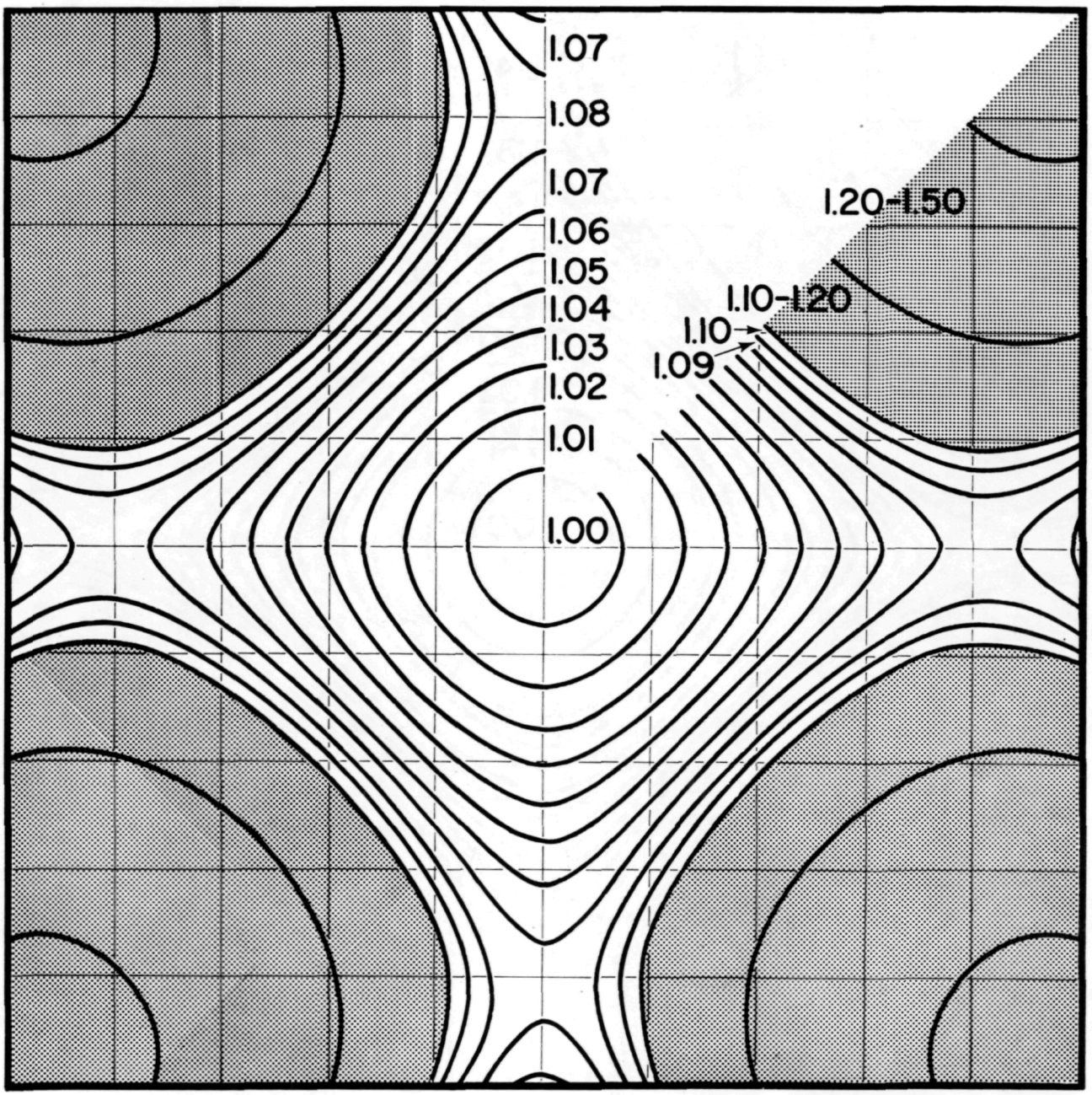
EIGHT-SOURCE DESIGN
60x100x100 Outer Room

Detector Height 30



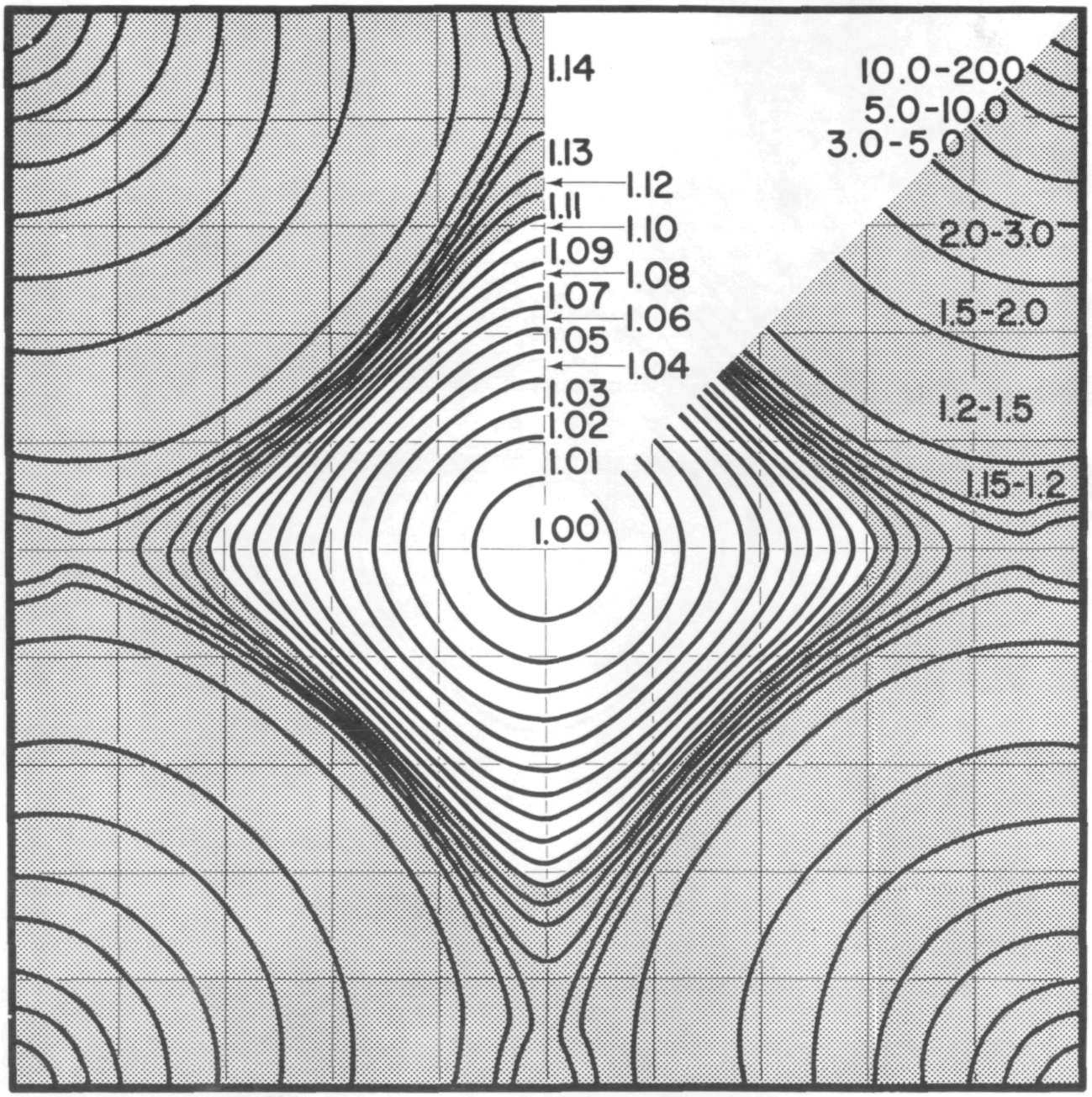
EIGHT-SOURCE DESIGN
70x100x100 Outer Room

Detector Height 34



EIGHT-SOURCE DESIGN
100x100x100 Outer Room

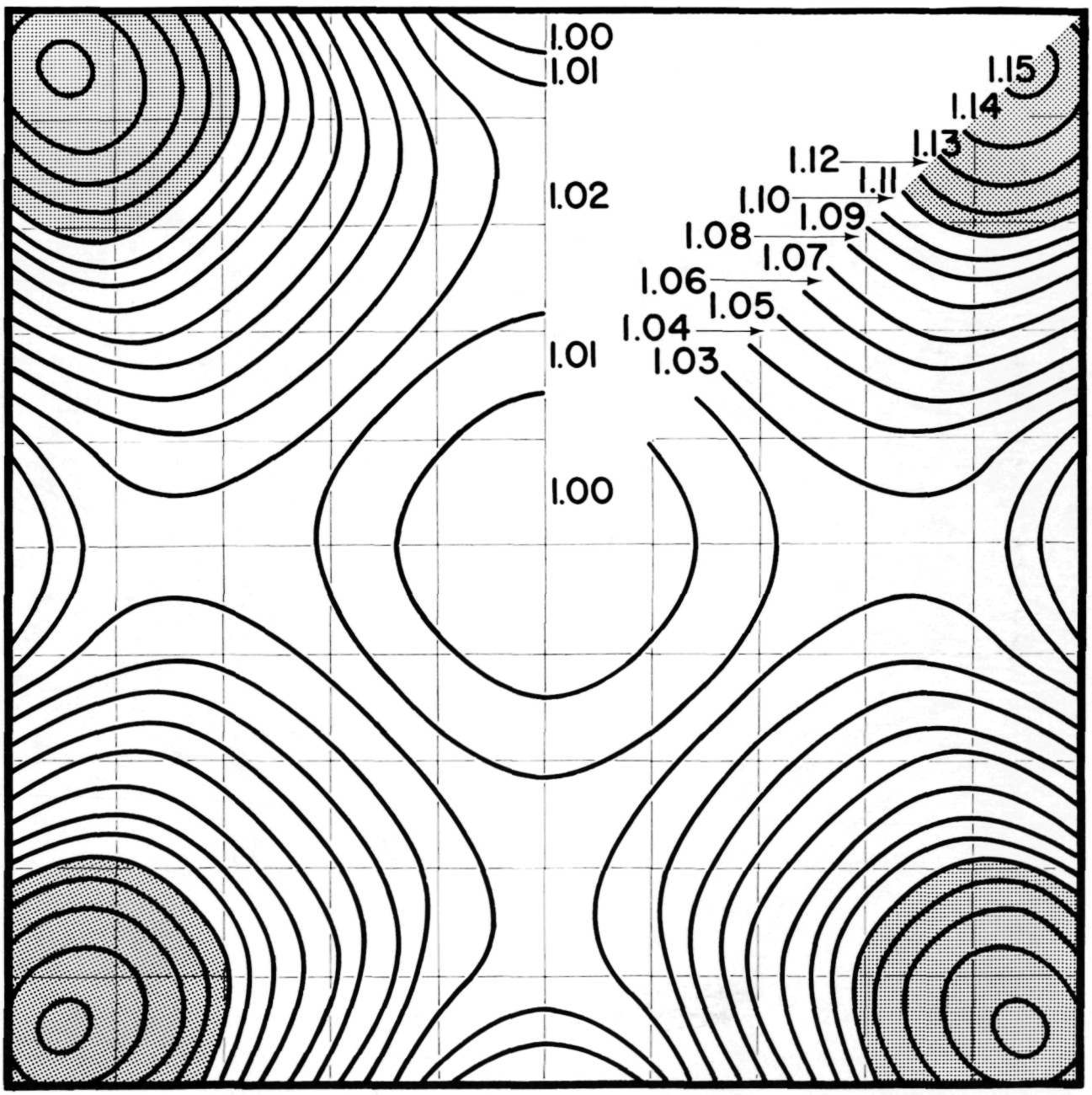
Detector Height 0



EIGHT-SOURCE DESIGN
100x100x100 Outer Room

Detector Height 50

1.00-1.10
Above 1.10

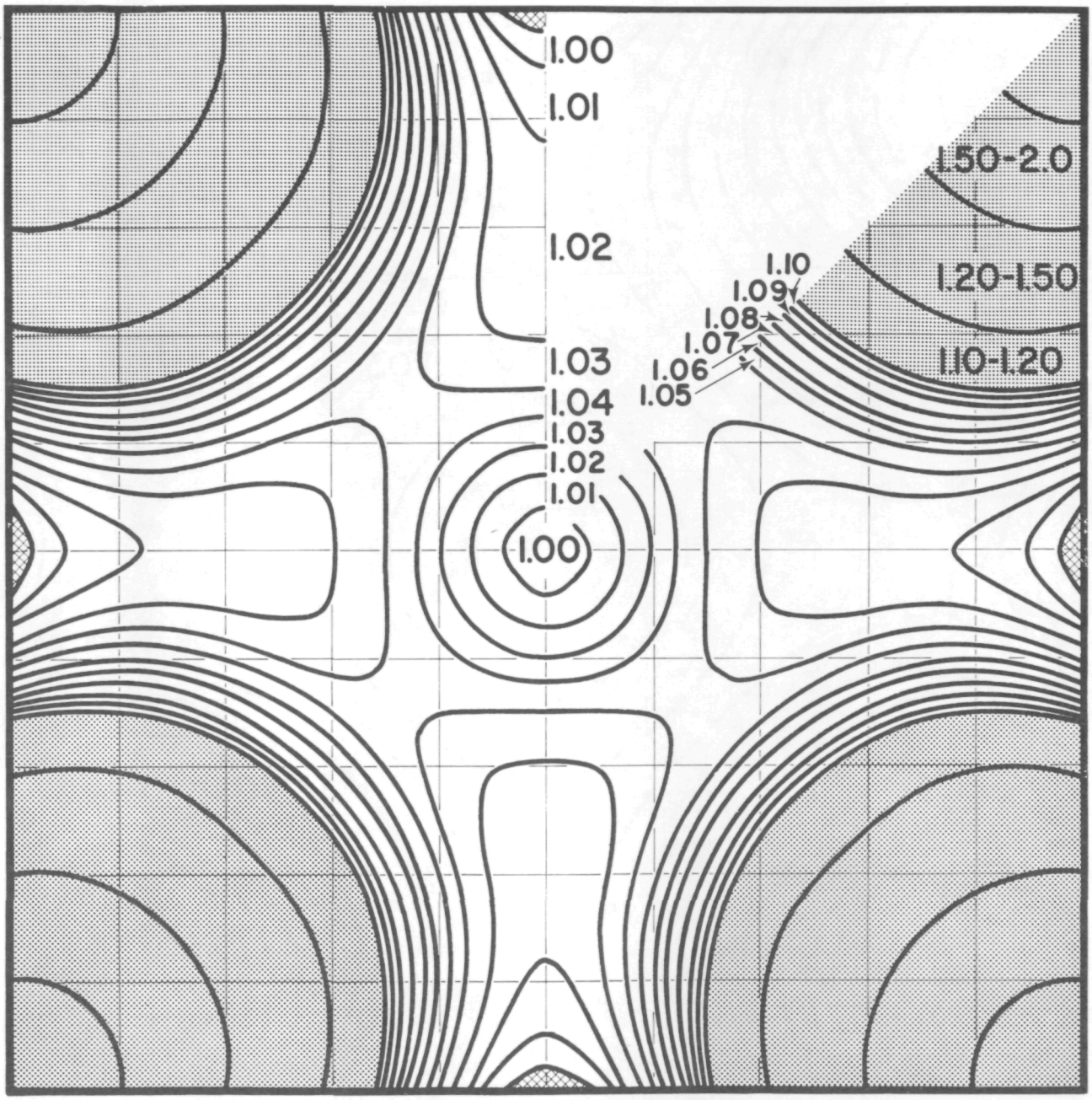


TEN-SOURCE DESIGN $D_8 = 91\%$, $D_2 = 9\%$

70x100x100 Outer Room

Detector Height 20

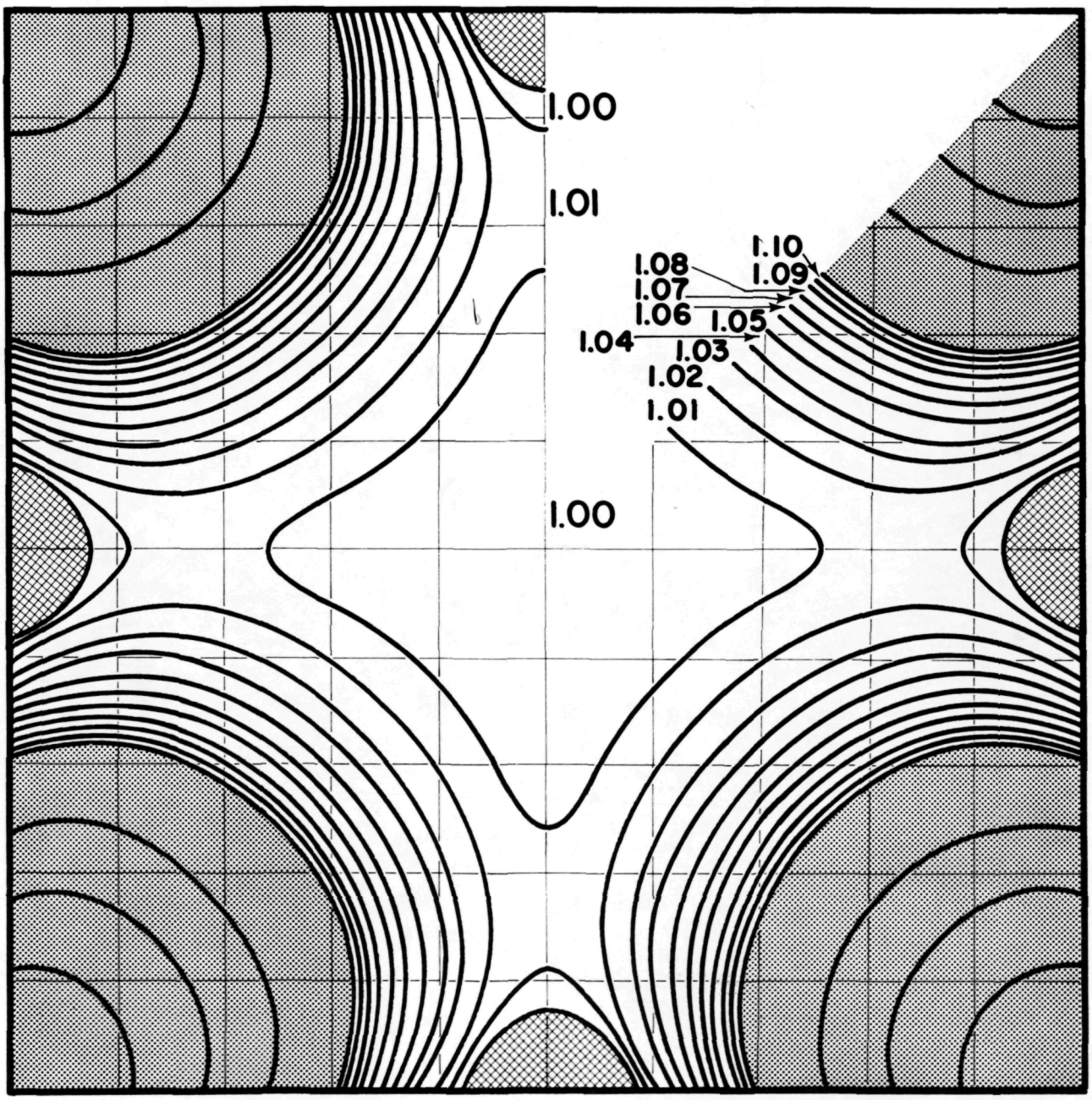
Below 1.00
1.00-1.10
Above 1.10



TEN-SOURCE DESIGN $D_8 = 91\%$, $D_2 = 9\%$
70x100x100 Outer Room

Detector Height 34

Below 1.00
1.00-1.10
Above 1.10



TWO EQUAL OPPOSING SOURCES

50 Units Apart

ROOM HEIGHT 50.0 DETECTOR HEIGHT 0. TWO SOURCES

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	0.104	0.108	0.112	0.116	0.119	0.124	0.128	0.132	0.136	0.141	0.145	0.149	0.153
2.	0.108	0.112	0.116	0.120	0.124	0.129	0.133	0.138	0.143	0.148	0.152	0.157	0.162
4.	0.112	0.116	0.120	0.125	0.130	0.134	0.139	0.144	0.150	0.155	0.160	0.166	0.171
6.	0.116	0.120	0.125	0.130	0.135	0.140	0.146	0.151	0.157	0.163	0.169	0.175	0.181
8.	0.119	0.124	0.130	0.135	0.140	0.146	0.152	0.158	0.165	0.171	0.178	0.185	0.191
10.	0.124	0.129	0.134	0.140	0.146	0.152	0.159	0.166	0.173	0.180	0.187	0.195	0.203
12.	0.128	0.133	0.139	0.146	0.152	0.159	0.166	0.174	0.181	0.190	0.198	0.206	0.215
14.	0.132	0.138	0.144	0.151	0.158	0.166	0.174	0.182	0.191	0.200	0.209	0.218	0.228
16.	0.136	0.143	0.150	0.157	0.165	0.173	0.181	0.191	0.200	0.210	0.221	0.231	0.243
18.	0.141	0.148	0.155	0.163	0.171	0.180	0.190	0.200	0.210	0.221	0.233	0.245	0.258
20.	0.145	0.152	0.160	0.169	0.178	0.187	0.198	0.209	0.221	0.233	0.246	0.260	0.275
22.	0.149	0.157	0.166	0.175	0.185	0.195	0.206	0.218	0.231	0.245	0.260	0.276	0.293
24.	0.153	0.162	0.171	0.181	0.191	0.203	0.215	0.228	0.243	0.258	0.275	0.293	0.312
26.	0.158	0.167	0.176	0.187	0.198	0.210	0.224	0.238	0.254	0.272	0.290	0.311	0.333
28.	0.162	0.171	0.181	0.193	0.205	0.218	0.233	0.249	0.266	0.285	0.306	0.329	0.355
30.	0.166	0.176	0.187	0.198	0.211	0.226	0.241	0.259	0.278	0.299	0.323	0.349	0.378
32.	0.169	0.180	0.191	0.204	0.218	0.233	0.250	0.269	0.290	0.313	0.339	0.369	0.402
34.	0.173	0.184	0.196	0.209	0.224	0.240	0.258	0.278	0.301	0.327	0.356	0.389	0.426
36.	0.176	0.187	0.200	0.214	0.230	0.247	0.266	0.288	0.312	0.340	0.372	0.409	0.451
38.	0.179	0.191	0.204	0.218	0.235	0.253	0.273	0.296	0.323	0.353	0.388	0.428	0.475
40.	0.181	0.194	0.207	0.222	0.239	0.258	0.280	0.304	0.332	0.364	0.402	0.446	0.498
42.	0.184	0.196	0.210	0.226	0.243	0.263	0.285	0.311	0.340	0.374	0.414	0.462	0.519
44.	0.185	0.198	0.212	0.228	0.246	0.267	0.290	0.316	0.347	0.383	0.425	0.475	0.536
46.	0.187	0.200	0.214	0.230	0.249	0.269	0.293	0.320	0.352	0.389	0.433	0.485	0.549
48.	0.187	0.200	0.215	0.231	0.250	0.271	0.295	0.323	0.355	0.393	0.437	0.492	0.558
50.	0.187	0.201	0.215	0.232	0.250	0.272	0.296	0.323	0.356	0.394	0.439	0.494	0.561

ROOM HEIGHT 50.0 DETECTOR HEIGHT 2.0 TWO SOURCES

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	0.105	0.109	0.113	0.117	0.121	0.125	0.129	0.133	0.138	0.142	0.147	0.151	0.155
2.	0.109	0.113	0.117	0.121	0.126	0.130	0.135	0.140	0.144	0.149	0.154	0.159	0.164
4.	0.113	0.117	0.122	0.126	0.131	0.136	0.141	0.146	0.151	0.157	0.162	0.168	0.173
6.	0.117	0.121	0.126	0.131	0.136	0.142	0.147	0.153	0.159	0.165	0.171	0.177	0.183
8.	0.121	0.126	0.131	0.136	0.142	0.148	0.154	0.160	0.167	0.173	0.180	0.187	0.194
10.	0.125	0.130	0.136	0.142	0.148	0.154	0.161	0.168	0.175	0.182	0.190	0.198	0.205
12.	0.129	0.135	0.141	0.147	0.154	0.161	0.168	0.176	0.184	0.192	0.200	0.209	0.218
14.	0.133	0.140	0.146	0.153	0.160	0.168	0.176	0.184	0.193	0.202	0.211	0.221	0.231
16.	0.138	0.144	0.151	0.159	0.167	0.175	0.184	0.193	0.203	0.213	0.223	0.234	0.246
18.	0.142	0.149	0.157	0.165	0.173	0.182	0.192	0.202	0.213	0.224	0.236	0.248	0.261
20.	0.147	0.154	0.162	0.171	0.180	0.190	0.200	0.211	0.223	0.236	0.249	0.263	0.278
22.	0.151	0.159	0.168	0.177	0.187	0.198	0.209	0.221	0.234	0.248	0.263	0.279	0.296
24.	0.155	0.164	0.173	0.183	0.194	0.205	0.216	0.231	0.246	0.261	0.278	0.296	0.316
26.	0.160	0.169	0.178	0.189	0.201	0.213	0.227	0.241	0.257	0.275	0.294	0.314	0.337
28.	0.164	0.173	0.184	0.195	0.207	0.221	0.236	0.252	0.269	0.289	0.310	0.333	0.359
30.	0.168	0.178	0.189	0.201	0.214	0.229	0.244	0.262	0.281	0.303	0.326	0.353	0.382
32.	0.171	0.182	0.194	0.207	0.221	0.236	0.253	0.272	0.293	0.317	0.343	0.373	0.406
34.	0.175	0.186	0.198	0.212	0.227	0.243	0.261	0.282	0.305	0.331	0.360	0.393	0.430
36.	0.178	0.190	0.203	0.217	0.232	0.250	0.269	0.291	0.316	0.344	0.376	0.413	0.455
38.	0.181	0.193	0.207	0.221	0.238	0.256	0.277	0.300	0.326	0.357	0.392	0.432	0.479
40.	0.184	0.196	0.210	0.225	0.242	0.261	0.283	0.308	0.336	0.368	0.406	0.450	0.502
42.	0.186	0.199	0.213	0.229	0.246	0.266	0.289	0.314	0.344	0.378	0.418	0.466	0.523
44.	0.188	0.201	0.215	0.231	0.249	0.270	0.293	0.320	0.351	0.387	0.429	0.479	0.540
46.	0.189	0.202	0.217	0.233	0.252	0.273	0.296	0.324	0.356	0.393	0.437	0.489	0.553
48.	0.190	0.203	0.218	0.234	0.253	0.274	0.299	0.326	0.359	0.397	0.442	0.496	0.562
50.	0.190	0.203	0.218	0.235	0.254	0.275	0.299	0.327	0.360	0.398	0.443	0.498	0.564

ROOM HEIGHT 50.0 DETECTOR HEIGHT 0. TWO SOURCES

X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	0.158	0.162	0.166	0.169	0.173	0.176	0.179	0.181	0.184	0.185	0.187	0.187	0.187
2.	0.167	0.171	0.176	0.180	0.184	0.187	0.191	0.194	0.196	0.198	0.200	0.200	0.201
4.	0.176	0.181	0.187	0.191	0.196	0.200	0.204	0.207	0.210	0.212	0.214	0.215	0.215
6.	0.187	0.193	0.198	0.204	0.209	0.214	0.218	0.222	0.226	0.228	0.230	0.231	0.232
8.	0.198	0.205	0.211	0.218	0.224	0.230	0.235	0.239	0.243	0.246	0.249	0.250	0.250
10.	0.210	0.218	0.226	0.233	0.240	0.247	0.253	0.258	0.263	0.267	0.269	0.271	0.272
12.	0.224	0.233	0.241	0.250	0.258	0.266	0.273	0.280	0.285	0.290	0.293	0.295	0.296
14.	0.238	0.249	0.259	0.269	0.278	0.288	0.296	0.304	0.311	0.316	0.320	0.323	0.323
16.	0.254	0.266	0.278	0.290	0.301	0.312	0.323	0.332	0.340	0.347	0.352	0.355	0.356
18.	0.272	0.285	0.299	0.313	0.327	0.340	0.353	0.364	0.374	0.383	0.389	0.392	0.394
20.	0.290	0.306	0.323	0.339	0.356	0.372	0.388	0.402	0.414	0.425	0.433	0.437	0.439
22.	0.311	0.329	0.349	0.369	0.389	0.409	0.428	0.446	0.462	0.475	0.485	0.492	0.494
24.	0.333	0.355	0.378	0.402	0.426	0.451	0.475	0.498	0.519	0.536	0.549	0.558	0.561
26.	0.357	0.383	0.410	0.439	0.469	0.500	0.531	0.561	0.588	0.611	0.629	0.640	0.644
28.	0.383	0.413	0.446	0.481	0.519	0.558	0.598	0.636	0.673	0.704	0.729	0.745	0.750
30.	0.410	0.446	0.485	0.529	0.575	0.625	0.677	0.729	0.779	0.823	0.858	0.881	0.889
32.	0.439	0.481	0.529	0.582	0.640	0.704	0.773	0.844	0.914	0.977	1.029	1.063	1.075
34.	0.469	0.519	0.575	0.640	0.714	0.797	0.889	0.987	1.087	1.182	1.262	1.315	1.334
36.	0.500	0.558	0.625	0.704	0.797	0.905	1.029	1.168	1.315	1.461	1.589	1.678	1.710
38.	0.531	0.598	0.677	0.773	0.889	1.029	1.197	1.395	1.618	1.853	2.071	2.220	2.288
40.	0.561	0.636	0.729	0.844	0.987	1.168	1.395	1.678	2.023	2.416	2.813	3.125	3.245
42.	0.588	0.673	0.779	0.914	1.087	1.315	1.618	2.023	2.560	3.245	4.027	4.717	5.005
44.	0.611	0.704	0.823	0.977	1.182	1.461	1.853	2.416	3.245	4.462	6.132	7.936	8.804
46.	0.629	0.729	0.858	1.029	1.262	1.589	2.071	2.813	4.027	6.132	9.889	15.749	19.655
48.	0.640	0.745	0.881	1.063	1.315	1.678	2.220	3.125	4.717	7.936	15.749	39.187	78.250
50.	0.644	0.750	0.889	1.075	1.334	1.710	2.28	3.245	5.005	8.804	19.655	78.250	0.125

ROOM HEIGHT 50.0 DETECTOR HEIGHT 2.0 TWO SOURCES

X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	0.160	0.164	0.168	0.171	0.175	0.178	0.181	0.184	0.186	0.188	0.189	0.190	0.190
2.	0.169	0.173	0.178	0.182	0.186	0.190	0.193	0.196	0.199	0.201	0.202	0.203	0.203
4.	0.178	0.184	0.189	0.194	0.198	0.203	0.207	0.210	0.213	0.215	0.217	0.218	0.218
6.	0.189	0.195	0.201	0.207	0.212	0.217	0.221	0.225	0.229	0.231	0.233	0.234	0.235
8.	0.201	0.207	0.214	0.221	0.227	0.232	0.236	0.242	0.246	0.249	0.252	0.253	0.254
10.	0.213	0.221	0.229	0.236	0.243	0.250	0.256	0.261	0.266	0.270	0.273	0.274	0.275
12.	0.227	0.236	0.244	0.253	0.261	0.269	0.277	0.283	0.289	0.293	0.296	0.299	0.299
14.	0.241	0.252	0.262	0.272	0.282	0.291	0.300	0.308	0.314	0.320	0.324	0.326	0.327
16.	0.257	0.269	0.281	0.293	0.305	0.316	0.326	0.336	0.344	0.351	0.356	0.359	0.360
18.	0.275	0.289	0.303	0.317	0.331	0.344	0.357	0.368	0.378	0.387	0.393	0.397	0.398
20.	0.294	0.310	0.326	0.343	0.360	0.376	0.392	0.406	0.418	0.429	0.437	0.442	0.443
22.	0.314	0.333	0.353	0.373	0.393	0.413	0.432	0.450	0.466	0.479	0.489	0.496	0.498
24.	0.337	0.359	0.382	0.406	0.430	0.455	0.479	0.502	0.523	0.540	0.553	0.562	0.564
26.	0.361	0.387	0.414	0.443	0.473	0.504	0.535	0.564	0.591	0.614	0.632	0.643	0.647
28.	0.387	0.417	0.450	0.485	0.523	0.562	0.601	0.640	0.676	0.707	0.731	0.747	0.752
30.	0.414	0.450	0.489	0.532	0.579	0.629	0.680	0.731	0.781	0.824	0.859	0.881	0.889
32.	0.443	0.485	0.532	0.585	0.643	0.707	0.775	0.845	0.913	0.976	1.027	1.060	1.072
34.	0.473	0.523	0.579	0.643	0.717	0.799	0.889	0.986	1.084	1.176	1.254	1.306	1.324
36.	0.504	0.562	0.629	0.707	0.799	0.905	1.027	1.162	1.306	1.447	1.571	1.657	1.688
38.	0.535	0.601	0.680	0.775	0.889	1.027	1.191	1.383	1.598	1.824	2.032	2.183	2.239
40.	0.564	0.640	0.731	0.845	0.986	1.162	1.383	1.657	1.987	2.360	2.733	3.023	3.135
42.	0.591	0.676	0.781	0.913	1.084	1.306	1.598	1.987	2.496	3.135	3.851	4.472	4.728
44.	0.614	0.707	0.824	0.976	1.176	1.447	1.824	2.360	3.135	4.243	5.713	7.236	7.946
46.	0.632	0.731	0.859	1.027	1.254	1.571	2.032	2.733	3.851	5.713	8.814	13.155	15.760
48.	0.643	0.747	0.881	1.060	1.306	1.657	2.183	3.023	4.472	7.236	13.155	26.177	39.198
50.	0.647	0.752	0.889	1.072	1.324	1.688	2.239	3.135	4.728	7.946	15.760	39.198	78.261

ROOM HEIGHT 50.0 DETECTOR HEIGHT 4.0 TWO SOURCES

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	0.106	0.110	0.114	0.118	0.122	0.126	0.130	0.135	0.139	0.144	0.148	0.153	0.157
2.	0.110	0.114	0.118	0.123	0.127	0.132	0.136	0.141	0.146	0.151	0.156	0.161	0.166
4.	0.114	0.118	0.123	0.127	0.132	0.137	0.142	0.148	0.153	0.158	0.164	0.169	0.175
6.	0.118	0.123	0.127	0.133	0.138	0.143	0.149	0.155	0.161	0.167	0.173	0.179	0.185
8.	0.122	0.127	0.132	0.138	0.144	0.149	0.156	0.162	0.168	0.175	0.182	0.189	0.196
10.	0.126	0.132	0.137	0.143	0.149	0.156	0.163	0.170	0.177	0.184	0.192	0.200	0.207
12.	0.130	0.136	0.142	0.149	0.156	0.163	0.170	0.178	0.186	0.194	0.202	0.211	0.220
14.	0.135	0.141	0.148	0.155	0.162	0.170	0.178	0.186	0.195	0.204	0.214	0.224	0.234
16.	0.139	0.146	0.153	0.161	0.168	0.177	0.186	0.195	0.205	0.215	0.226	0.237	0.248
18.	0.144	0.151	0.158	0.167	0.175	0.184	0.194	0.204	0.215	0.226	0.238	0.251	0.264
20.	0.148	0.156	0.164	0.173	0.182	0.192	0.202	0.214	0.226	0.238	0.252	0.266	0.281
22.	0.153	0.161	0.169	0.179	0.189	0.200	0.211	0.224	0.237	0.251	0.266	0.282	0.299
24.	0.157	0.166	0.175	0.185	0.196	0.207	0.220	0.234	0.248	0.264	0.281	0.299	0.319
26.	0.161	0.170	0.180	0.191	0.203	0.215	0.229	0.244	0.260	0.277	0.296	0.317	0.339
28.	0.165	0.175	0.186	0.197	0.210	0.223	0.238	0.254	0.272	0.291	0.312	0.336	0.361
30.	0.169	0.180	0.191	0.203	0.216	0.231	0.247	0.265	0.284	0.305	0.329	0.355	0.384
32.	0.173	0.184	0.196	0.209	0.223	0.238	0.256	0.275	0.296	0.319	0.346	0.375	0.408
34.	0.177	0.188	0.200	0.214	0.229	0.246	0.264	0.284	0.307	0.333	0.362	0.395	0.432
36.	0.180	0.192	0.205	0.219	0.235	0.252	0.272	0.294	0.319	0.347	0.378	0.415	0.456
38.	0.183	0.195	0.209	0.224	0.240	0.259	0.279	0.303	0.329	0.359	0.394	0.434	0.480
40.	0.186	0.198	0.212	0.228	0.245	0.264	0.286	0.310	0.338	0.371	0.408	0.451	0.503
42.	0.188	0.201	0.215	0.231	0.249	0.269	0.291	0.317	0.347	0.381	0.420	0.467	0.523
44.	0.190	0.203	0.217	0.234	0.252	0.272	0.296	0.322	0.353	0.389	0.431	0.480	0.540
46.	0.191	0.204	0.219	0.236	0.254	0.275	0.299	0.326	0.358	0.395	0.438	0.490	0.553
48.	0.192	0.205	0.220	0.237	0.256	0.277	0.301	0.329	0.361	0.399	0.443	0.496	0.561
50.	0.192	0.205	0.220	0.237	0.256	0.277	0.302	0.330	0.362	0.400	0.445	0.498	0.564

ROOM HEIGHT 50.0 DETECTOR HEIGHT 6.0 TWO SOURCES

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	0.107	0.111	0.115	0.119	0.123	0.127	0.132	0.136	0.141	0.145	0.150	0.154	0.158
2.	0.111	0.115	0.119	0.124	0.128	0.133	0.138	0.142	0.147	0.152	0.157	0.162	0.167
4.	0.115	0.119	0.124	0.129	0.134	0.139	0.144	0.149	0.154	0.160	0.165	0.171	0.177
6.	0.119	0.124	0.129	0.134	0.139	0.145	0.150	0.156	0.162	0.168	0.174	0.181	0.187
8.	0.123	0.128	0.134	0.139	0.145	0.151	0.157	0.163	0.170	0.177	0.184	0.191	0.198
10.	0.127	0.133	0.139	0.145	0.151	0.157	0.164	0.171	0.179	0.186	0.194	0.201	0.209
12.	0.132	0.138	0.144	0.150	0.157	0.164	0.172	0.179	0.187	0.196	0.204	0.213	0.222
14.	0.136	0.142	0.149	0.156	0.163	0.171	0.179	0.188	0.197	0.206	0.216	0.225	0.236
16.	0.141	0.147	0.154	0.162	0.170	0.179	0.187	0.197	0.207	0.217	0.228	0.239	0.250
18.	0.145	0.152	0.160	0.168	0.177	0.186	0.196	0.206	0.217	0.228	0.240	0.253	0.266
20.	0.150	0.157	0.165	0.174	0.184	0.194	0.204	0.216	0.228	0.240	0.254	0.268	0.283
22.	0.154	0.162	0.171	0.181	0.191	0.201	0.213	0.225	0.239	0.253	0.268	0.284	0.301
24.	0.158	0.167	0.177	0.187	0.198	0.209	0.222	0.236	0.250	0.266	0.283	0.301	0.320
26.	0.163	0.172	0.182	0.193	0.205	0.217	0.231	0.246	0.262	0.279	0.298	0.319	0.341
28.	0.167	0.177	0.187	0.199	0.212	0.225	0.240	0.256	0.274	0.293	0.314	0.337	0.362
30.	0.171	0.181	0.193	0.205	0.218	0.233	0.249	0.266	0.286	0.307	0.330	0.356	0.385
32.	0.175	0.186	0.198	0.211	0.225	0.240	0.258	0.277	0.298	0.321	0.347	0.376	0.408
34.	0.179	0.190	0.202	0.216	0.231	0.248	0.266	0.286	0.309	0.335	0.363	0.395	0.432
36.	0.182	0.194	0.207	0.221	0.237	0.254	0.274	0.296	0.320	0.348	0.379	0.415	0.455
38.	0.185	0.197	0.211	0.225	0.242	0.260	0.281	0.304	0.330	0.360	0.394	0.433	0.478
40.	0.187	0.200	0.214	0.229	0.247	0.266	0.288	0.312	0.340	0.372	0.408	0.450	0.500
42.	0.190	0.203	0.217	0.233	0.251	0.271	0.293	0.319	0.348	0.381	0.420	0.466	0.519
44.	0.191	0.205	0.219	0.236	0.254	0.274	0.298	0.324	0.354	0.389	0.430	0.478	0.536
46.	0.193	0.206	0.221	0.238	0.256	0.277	0.301	0.328	0.359	0.395	0.438	0.488	0.548
48.	0.193	0.207	0.222	0.239	0.258	0.279	0.303	0.330	0.362	0.399	0.442	0.494	0.556
50.	0.194	0.207	0.222	0.239	0.258	0.279	0.304	0.331	0.363	0.400	0.444	0.496	0.559

ROOF HEIGHT 50.0 DETECTOR HEIGHT 4.0 TWO SOURCES

X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	0.161	0.165	0.169	0.173	0.177	0.180	0.183	0.186	0.188	0.190	0.191	0.192	0.192
2.	0.170	0.175	0.180	0.184	0.188	0.192	0.195	0.198	0.201	0.203	0.204	0.205	0.205
4.	0.180	0.186	0.191	0.196	0.200	0.205	0.209	0.212	0.215	0.217	0.219	0.220	0.220
6.	0.191	0.197	0.203	0.209	0.214	0.219	0.224	0.228	0.231	0.234	0.236	0.237	0.237
8.	0.203	0.210	0.216	0.223	0.229	0.235	0.240	0.245	0.249	0.252	0.254	0.256	0.256
10.	0.215	0.223	0.231	0.238	0.246	0.252	0.259	0.264	0.269	0.272	0.275	0.277	0.277
12.	0.229	0.238	0.247	0.256	0.264	0.272	0.279	0.286	0.291	0.296	0.299	0.301	0.302
14.	0.244	0.254	0.265	0.275	0.284	0.294	0.303	0.310	0.317	0.322	0.326	0.329	0.330
16.	0.260	0.272	0.284	0.296	0.307	0.319	0.329	0.338	0.347	0.353	0.358	0.361	0.362
18.	0.277	0.291	0.305	0.319	0.333	0.347	0.359	0.371	0.381	0.389	0.395	0.399	0.400
20.	0.296	0.312	0.329	0.346	0.362	0.378	0.394	0.408	0.420	0.431	0.438	0.443	0.445
22.	0.317	0.336	0.355	0.375	0.395	0.415	0.434	0.451	0.467	0.480	0.490	0.496	0.498
24.	0.339	0.361	0.384	0.408	0.432	0.456	0.480	0.503	0.523	0.540	0.553	0.561	0.564
26.	0.363	0.389	0.416	0.445	0.475	0.505	0.535	0.564	0.590	0.612	0.629	0.640	0.644
28.	0.389	0.419	0.451	0.486	0.523	0.561	0.599	0.637	0.671	0.702	0.725	0.740	0.745
30.	0.416	0.451	0.490	0.532	0.576	0.626	0.676	0.725	0.772	0.814	0.847	0.868	0.875
32.	0.445	0.486	0.532	0.584	0.640	0.702	0.767	0.833	0.898	0.957	1.005	1.036	1.047
34.	0.475	0.523	0.578	0.640	0.711	0.789	0.875	0.966	1.058	1.144	1.216	1.264	1.281
36.	0.505	0.561	0.626	0.702	0.789	0.891	1.005	1.131	1.264	1.393	1.505	1.582	1.609
38.	0.535	0.599	0.676	0.767	0.875	1.005	1.158	1.334	1.530	1.730	1.913	2.044	2.091
40.	0.564	0.637	0.725	0.833	0.966	1.131	1.334	1.582	1.873	2.195	2.507	2.745	2.835
42.	0.590	0.671	0.772	0.898	1.058	1.264	1.530	1.873	2.309	2.835	3.398	3.863	4.050
44.	0.612	0.702	0.81	0.957	1.144	1.393	1.730	2.195	2.835	3.694	4.740	5.725	6.155
46.	0.629	0.725	0.8	1.005	1.216	1.505	1.913	2.507	3.398	4.740	6.656	8.827	9.912
48.	0.640	0.740	0.868	1.036	1.264	1.582	2.044	2.745	3.863	5.725	8.827	13.168	15.772
50.	0.644	0.745	0.875	1.047	1.281	1.609	2.091	2.835	4.050	6.155	9.912	15.772	19.679

ROOF HEIGHT 50.0 DETECTOR HEIGHT 6.0 TWO SOURCES

X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	0.163	0.167	0.171	0.175	0.179	0.182	0.185	0.187	0.190	0.191	0.193	0.193	0.194
2.	0.172	0.177	0.181	0.186	0.190	0.194	0.197	0.200	0.203	0.205	0.206	0.207	0.207
4.	0.182	0.187	0.193	0.198	0.202	0.207	0.211	0.214	0.217	0.219	0.221	0.222	0.222
6.	0.193	0.199	0.205	0.211	0.216	0.221	0.225	0.229	0.233	0.236	0.238	0.239	0.239
8.	0.205	0.212	0.218	0.225	0.231	0.237	0.242	0.247	0.251	0.254	0.256	0.258	0.258
10.	0.217	0.225	0.233	0.240	0.248	0.254	0.260	0.266	0.271	0.274	0.277	0.279	0.279
12.	0.231	0.240	0.249	0.258	0.266	0.274	0.281	0.288	0.293	0.298	0.301	0.303	0.304
14.	0.246	0.256	0.266	0.277	0.286	0.296	0.304	0.312	0.319	0.324	0.328	0.330	0.331
16.	0.262	0.274	0.286	0.298	0.309	0.320	0.330	0.340	0.348	0.354	0.359	0.362	0.363
18.	0.279	0.293	0.307	0.321	0.335	0.348	0.360	0.372	0.381	0.389	0.395	0.399	0.400
20.	0.298	0.314	0.330	0.347	0.363	0.379	0.394	0.408	0.420	0.430	0.438	0.442	0.444
22.	0.319	0.337	0.356	0.376	0.395	0.415	0.433	0.450	0.466	0.478	0.488	0.494	0.496
24.	0.341	0.362	0.385	0.408	0.432	0.455	0.478	0.500	0.519	0.536	0.548	0.556	0.559
26.	0.364	0.389	0.416	0.444	0.473	0.502	0.531	0.559	0.584	0.605	0.621	0.632	0.635
28.	0.389	0.419	0.450	0.484	0.519	0.556	0.593	0.628	0.661	0.689	0.711	0.725	0.730
30.	0.416	0.450	0.488	0.529	0.572	0.618	0.665	0.711	0.755	0.794	0.824	0.844	0.851
32.	0.444	0.484	0.529	0.578	0.632	0.689	0.750	0.812	0.871	0.925	0.968	0.997	1.006
34.	0.473	0.519	0.572	0.632	0.698	0.771	0.851	0.934	1.016	1.093	1.156	1.198	1.213
36.	0.502	0.556	0.618	0.689	0.771	0.864	0.968	1.081	1.198	1.310	1.406	1.470	1.494
38.	0.531	0.593	0.665	0.750	0.851	0.968	1.105	1.259	1.426	1.594	1.743	1.848	1.886
40.	0.559	0.628	0.711	0.812	0.934	1.081	1.259	1.470	1.711	1.968	2.208	2.385	2.451
42.	0.584	0.661	0.755	0.871	1.016	1.198	1.426	1.711	2.057	2.451	2.849	3.161	3.281
44.	0.605	0.689	0.794	0.925	1.093	1.310	1.594	1.968	2.451	3.049	3.708	4.270	4.499
46.	0.621	0.711	0.824	0.968	1.156	1.406	1.743	2.208	2.849	3.708	4.754	5.740	6.170
48.	0.632	0.725	0.844	0.997	1.198	1.470	1.848	2.385	3.161	4.270	5.740	7.263	7.974
50.	0.635	0.730	0.851	1.006	1.213	1.494	1.886	2.451	3.281	4.499	6.170	7.974	8.842

ROOM HEIGHT 50.0 DETECTOR HEIGHT 8.0 TWO SOURCES

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	0.108	0.112	0.116	0.120	0.124	0.128	0.133	0.137	0.142	0.146	0.151	0.155	0.160
2.	0.112	0.116	0.120	0.125	0.129	0.134	0.139	0.144	0.148	0.153	0.159	0.164	0.169
4.	0.116	0.120	0.125	0.130	0.135	0.140	0.145	0.150	0.156	0.161	0.167	0.172	0.178
6.	0.120	0.125	0.130	0.135	0.140	0.146	0.151	0.157	0.163	0.169	0.176	0.182	0.188
8.	0.124	0.129	0.135	0.140	0.146	0.152	0.158	0.165	0.171	0.178	0.185	0.192	0.199
10.	0.128	0.134	0.140	0.146	0.152	0.159	0.166	0.173	0.180	0.187	0.195	0.203	0.211
12.	0.133	0.139	0.145	0.151	0.158	0.166	0.173	0.181	0.189	0.197	0.206	0.215	0.224
14.	0.137	0.144	0.150	0.157	0.165	0.173	0.181	0.189	0.198	0.208	0.217	0.227	0.237
16.	0.142	0.148	0.156	0.163	0.171	0.180	0.189	0.198	0.208	0.218	0.229	0.240	0.252
18.	0.146	0.153	0.161	0.169	0.178	0.187	0.197	0.208	0.218	0.230	0.242	0.254	0.267
20.	0.151	0.159	0.167	0.176	0.185	0.195	0.206	0.217	0.229	0.242	0.255	0.269	0.284
22.	0.155	0.164	0.172	0.182	0.192	0.203	0.215	0.227	0.240	0.254	0.269	0.285	0.302
24.	0.160	0.169	0.178	0.188	0.199	0.211	0.224	0.237	0.252	0.267	0.284	0.302	0.321
26.	0.164	0.173	0.184	0.194	0.206	0.219	0.233	0.247	0.263	0.281	0.299	0.319	0.341
28.	0.168	0.178	0.189	0.200	0.213	0.227	0.242	0.258	0.275	0.294	0.315	0.338	0.362
30.	0.172	0.183	0.194	0.206	0.220	0.234	0.250	0.268	0.287	0.308	0.331	0.356	0.384
32.	0.176	0.187	0.199	0.212	0.226	0.242	0.259	0.278	0.299	0.322	0.347	0.375	0.407
34.	0.180	0.191	0.204	0.218	0.233	0.249	0.267	0.288	0.310	0.335	0.363	0.395	0.430
36.	0.183	0.195	0.208	0.223	0.238	0.256	0.275	0.297	0.321	0.348	0.379	0.413	0.452
38.	0.186	0.199	0.212	0.227	0.244	0.262	0.282	0.305	0.331	0.360	0.393	0.431	0.474
40.	0.189	0.202	0.216	0.231	0.248	0.267	0.289	0.313	0.340	0.371	0.407	0.448	0.495
42.	0.191	0.204	0.218	0.234	0.252	0.272	0.294	0.319	0.348	0.381	0.419	0.462	0.513
44.	0.193	0.206	0.221	0.237	0.255	0.276	0.299	0.325	0.355	0.389	0.428	0.474	0.529
46.	0.194	0.208	0.223	0.239	0.258	0.278	0.302	0.329	0.359	0.395	0.435	0.484	0.541
48.	0.195	0.209	0.224	0.240	0.259	0.280	0.304	0.331	0.362	0.398	0.440	0.489	0.548
50.	0.195	0.209	0.224	0.241	0.260	0.281	0.305	0.332	0.363	0.399	0.441	0.491	0.550

ROOM HEIGHT 50.0 DETECTOR HEIGHT 10.0 TWO SOURCES

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	0.109	0.113	0.117	0.121	0.125	0.129	0.134	0.138	0.143	0.147	0.152	0.156	0.161
2.	0.113	0.117	0.121	0.126	0.130	0.135	0.140	0.145	0.150	0.155	0.160	0.165	0.170
4.	0.117	0.121	0.126	0.131	0.136	0.141	0.146	0.151	0.157	0.162	0.168	0.174	0.179
6.	0.121	0.126	0.131	0.136	0.141	0.147	0.153	0.158	0.165	0.171	0.177	0.183	0.189
8.	0.125	0.130	0.136	0.141	0.147	0.153	0.159	0.166	0.173	0.179	0.186	0.193	0.200
10.	0.129	0.135	0.141	0.147	0.153	0.160	0.167	0.174	0.181	0.189	0.196	0.204	0.212
12.	0.134	0.140	0.146	0.153	0.159	0.167	0.174	0.182	0.190	0.199	0.207	0.216	0.225
14.	0.138	0.145	0.151	0.158	0.166	0.174	0.182	0.191	0.200	0.209	0.218	0.228	0.238
16.	0.143	0.150	0.157	0.165	0.173	0.181	0.190	0.200	0.209	0.220	0.230	0.241	0.253
18.	0.147	0.155	0.162	0.171	0.179	0.189	0.199	0.209	0.220	0.231	0.243	0.255	0.268
20.	0.152	0.160	0.168	0.177	0.186	0.196	0.207	0.218	0.230	0.243	0.256	0.270	0.285
22.	0.156	0.165	0.174	0.183	0.193	0.204	0.216	0.228	0.241	0.255	0.270	0.286	0.302
24.	0.161	0.170	0.179	0.189	0.200	0.212	0.225	0.238	0.253	0.268	0.285	0.302	0.321
26.	0.165	0.175	0.185	0.196	0.207	0.220	0.234	0.248	0.264	0.281	0.300	0.320	0.341
28.	0.170	0.179	0.190	0.202	0.214	0.228	0.243	0.259	0.276	0.295	0.315	0.337	0.361
30.	0.174	0.184	0.195	0.208	0.221	0.236	0.251	0.269	0.288	0.308	0.331	0.356	0.383
32.	0.178	0.188	0.200	0.213	0.228	0.243	0.260	0.279	0.299	0.322	0.347	0.374	0.404
34.	0.181	0.193	0.205	0.219	0.234	0.250	0.268	0.288	0.310	0.335	0.362	0.392	0.426
36.	0.185	0.196	0.209	0.224	0.239	0.257	0.276	0.297	0.321	0.348	0.377	0.410	0.448
38.	0.188	0.200	0.213	0.228	0.245	0.263	0.283	0.306	0.331	0.359	0.391	0.428	0.469
40.	0.190	0.203	0.217	0.232	0.249	0.268	0.289	0.313	0.340	0.370	0.404	0.443	0.488
42.	0.192	0.205	0.220	0.236	0.253	0.273	0.295	0.320	0.348	0.379	0.416	0.457	0.506
44.	0.194	0.207	0.222	0.238	0.256	0.277	0.299	0.325	0.354	0.387	0.425	0.469	0.520
46.	0.195	0.209	0.224	0.240	0.259	0.279	0.302	0.329	0.358	0.392	0.432	0.477	0.531
48.	0.196	0.210	0.225	0.241	0.260	0.281	0.304	0.331	0.361	0.396	0.436	0.483	0.538
50.	0.196	0.210	0.225	0.242	0.261	0.281	0.305	0.332	0.362	0.397	0.437	0.485	0.540

ROOM HEIGHT 50.0 DETECTOR HEIGHT 8.0 TWO SOURCES

X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	0.164	0.168	0.172	0.176	0.180	0.183	0.186	0.189	0.191	0.193	0.194	0.195	0.195
2.	0.173	0.178	0.183	0.187	0.191	0.195	0.199	0.202	0.204	0.206	0.208	0.208	0.209
4.	0.184	0.189	0.194	0.199	0.204	0.208	0.212	0.216	0.218	0.221	0.223	0.224	0.224
6.	0.194	0.200	0.206	0.212	0.218	0.223	0.227	0.231	0.234	0.237	0.239	0.240	0.241
8.	0.206	0.213	0.220	0.226	0.233	0.238	0.244	0.248	0.252	0.255	0.258	0.259	0.260
10.	0.219	0.227	0.234	0.242	0.249	0.256	0.262	0.267	0.272	0.276	0.278	0.280	0.281
12.	0.233	0.242	0.250	0.259	0.267	0.275	0.282	0.289	0.294	0.299	0.302	0.304	0.305
14.	0.247	0.258	0.268	0.278	0.288	0.297	0.305	0.313	0.319	0.325	0.329	0.331	0.332
16.	0.263	0.275	0.287	0.299	0.310	0.321	0.331	0.340	0.348	0.355	0.359	0.362	0.363
18.	0.281	0.294	0.308	0.322	0.335	0.348	0.360	0.371	0.381	0.389	0.395	0.398	0.399
20.	0.299	0.315	0.331	0.347	0.363	0.379	0.393	0.407	0.419	0.428	0.435	0.440	0.441
22.	0.319	0.338	0.356	0.375	0.395	0.413	0.431	0.448	0.462	0.474	0.484	0.489	0.491
24.	0.341	0.362	0.384	0.407	0.430	0.452	0.474	0.495	0.513	0.529	0.541	0.548	0.550
26.	0.364	0.389	0.415	0.441	0.469	0.497	0.524	0.550	0.574	0.594	0.609	0.619	0.622
28.	0.389	0.417	0.448	0.480	0.513	0.548	0.582	0.615	0.646	0.672	0.692	0.705	0.709
30.	0.415	0.448	0.484	0.522	0.563	0.606	0.649	0.692	0.732	0.767	0.794	0.812	0.818
32.	0.441	0.480	0.522	0.568	0.619	0.672	0.727	0.783	0.837	0.884	0.922	0.947	0.955
34.	0.469	0.513	0.563	0.619	0.680	0.747	0.818	0.891	0.964	1.030	1.084	1.119	1.131
36.	0.497	0.548	0.606	0.672	0.747	0.830	0.922	1.020	1.119	1.212	1.290	1.343	1.361
38.	0.524	0.582	0.649	0.727	0.818	0.922	1.040	1.170	1.307	1.441	1.558	1.637	1.666
40.	0.550	0.615	0.692	0.783	0.891	1.020	1.170	1.343	1.533	1.727	1.902	2.027	2.073
42.	0.574	0.646	0.732	0.837	0.964	1.119	1.307	1.533	1.793	2.073	2.340	2.538	2.612
44.	0.594	0.672	0.767	0.884	1.030	1.212	1.441	1.727	2.073	2.468	2.866	3.178	3.299
46.	0.609	0.692	0.794	0.922	1.084	1.290	1.558	1.902	2.340	2.866	3.429	3.895	4.082
48.	0.619	0.705	0.812	0.947	1.119	1.343	1.637	2.027	2.538	3.178	3.895	4.517	4.772
50.	0.622	0.709	0.818	0.955	1.131	1.361	1.666	2.073	2.612	3.299	4.082	4.772	5.060

ROOM HEIGHT 50.0 DETECTOR HEIGHT 10.0 TWO SOURCES

X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	0.165	0.170	0.174	0.178	0.181	0.185	0.188	0.190	0.192	0.194	0.195	0.196	0.196
2.	0.175	0.179	0.184	0.188	0.193	0.196	0.200	0.203	0.205	0.207	0.209	0.210	0.210
4.	0.185	0.190	0.195	0.200	0.205	0.209	0.213	0.217	0.220	0.222	0.224	0.225	0.225
6.	0.196	0.202	0.208	0.213	0.219	0.224	0.228	0.232	0.236	0.238	0.240	0.241	0.242
8.	0.207	0.214	0.221	0.228	0.234	0.239	0.245	0.249	0.253	0.256	0.259	0.260	0.261
10.	0.220	0.228	0.236	0.243	0.250	0.257	0.263	0.268	0.273	0.277	0.279	0.281	0.281
12.	0.234	0.243	0.251	0.260	0.268	0.276	0.283	0.289	0.295	0.299	0.302	0.304	0.305
14.	0.248	0.259	0.269	0.279	0.288	0.297	0.306	0.313	0.320	0.325	0.329	0.331	0.332
16.	0.264	0.276	0.288	0.299	0.310	0.321	0.331	0.340	0.348	0.354	0.358	0.361	0.362
18.	0.281	0.295	0.308	0.322	0.335	0.348	0.359	0.370	0.379	0.387	0.392	0.396	0.397
20.	0.300	0.315	0.331	0.347	0.362	0.377	0.391	0.404	0.416	0.425	0.432	0.436	0.437
22.	0.320	0.337	0.356	0.374	0.392	0.411	0.428	0.443	0.457	0.469	0.477	0.483	0.485
24.	0.341	0.361	0.383	0.404	0.426	0.448	0.469	0.488	0.506	0.520	0.531	0.538	0.540
26.	0.363	0.387	0.412	0.437	0.464	0.490	0.516	0.540	0.562	0.580	0.594	0.603	0.606
28.	0.387	0.414	0.443	0.474	0.506	0.538	0.570	0.600	0.628	0.651	0.670	0.681	0.685
30.	0.412	0.443	0.477	0.514	0.552	0.591	0.631	0.670	0.705	0.737	0.761	0.776	0.781
32.	0.437	0.474	0.514	0.557	0.603	0.651	0.701	0.751	0.798	0.839	0.871	0.892	0.899
34.	0.464	0.506	0.552	0.603	0.659	0.718	0.781	0.845	0.907	0.962	1.007	1.036	1.046
36.	0.490	0.538	0.591	0.651	0.718	0.792	0.871	0.954	1.036	1.112	1.174	1.215	1.230
38.	0.516	0.570	0.631	0.701	0.781	0.871	0.971	1.078	1.187	1.292	1.379	1.439	1.460
40.	0.540	0.600	0.670	0.751	0.845	0.954	1.078	1.215	1.361	1.504	1.629	1.715	1.746
42.	0.562	0.628	0.705	0.798	0.907	1.036	1.187	1.361	1.551	1.746	1.922	2.047	2.093
44.	0.580	0.651	0.737	0.839	0.962	1.112	1.292	1.504	1.746	2.004	2.245	2.423	2.489
46.	0.594	0.670	0.761	0.871	1.007	1.174	1.379	1.629	1.922	2.245	2.559	2.797	2.887
48.	0.603	0.681	0.776	0.892	1.036	1.215	1.439	1.715	2.047	2.423	2.797	3.088	3.200
50.	0.606	0.685	0.781	0.899	1.046	1.230	1.460	1.746	2.093	2.489	2.887	3.200	3.320

ROOM HEIGHT 50.0 DETECTOR HEIGHT 12.0 TWO SOURCES

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	0.109	0.113	0.117	0.121	0.126	0.130	0.134	0.139	0.144	0.148	0.153	0.157	0.162
2.	0.113	0.117	0.122	0.126	0.131	0.136	0.140	0.145	0.150	0.155	0.161	0.166	0.171
4.	0.117	0.122	0.126	0.131	0.136	0.142	0.147	0.152	0.158	0.163	0.169	0.175	0.180
6.	0.121	0.126	0.131	0.137	0.142	0.148	0.153	0.159	0.165	0.172	0.178	0.184	0.190
8.	0.126	0.131	0.136	0.142	0.148	0.154	0.160	0.167	0.174	0.180	0.187	0.194	0.201
10.	0.130	0.136	0.142	0.148	0.154	0.161	0.168	0.175	0.182	0.190	0.197	0.205	0.213
12.	0.134	0.140	0.147	0.153	0.160	0.168	0.175	0.183	0.191	0.200	0.208	0.217	0.226
14.	0.139	0.145	0.152	0.159	0.167	0.175	0.183	0.192	0.201	0.210	0.219	0.229	0.239
16.	0.144	0.150	0.158	0.165	0.174	0.182	0.191	0.201	0.210	0.221	0.231	0.242	0.254
18.	0.148	0.155	0.163	0.172	0.180	0.190	0.200	0.210	0.221	0.232	0.244	0.256	0.269
20.	0.153	0.161	0.169	0.178	0.187	0.197	0.208	0.219	0.231	0.244	0.257	0.271	0.285
22.	0.157	0.166	0.175	0.184	0.194	0.205	0.217	0.229	0.242	0.256	0.271	0.286	0.302
24.	0.162	0.171	0.180	0.190	0.201	0.213	0.226	0.239	0.254	0.269	0.285	0.302	0.321
26.	0.166	0.176	0.186	0.197	0.208	0.221	0.235	0.249	0.265	0.282	0.300	0.319	0.340
28.	0.170	0.180	0.191	0.203	0.215	0.229	0.243	0.259	0.276	0.295	0.315	0.337	0.360
30.	0.175	0.185	0.196	0.209	0.222	0.236	0.252	0.269	0.288	0.308	0.330	0.354	0.380
32.	0.179	0.189	0.201	0.214	0.228	0.244	0.261	0.279	0.299	0.321	0.346	0.372	0.401
34.	0.182	0.194	0.206	0.220	0.235	0.251	0.269	0.289	0.310	0.334	0.361	0.390	0.422
36.	0.186	0.197	0.210	0.225	0.240	0.258	0.276	0.297	0.321	0.346	0.375	0.407	0.443
38.	0.189	0.201	0.214	0.229	0.246	0.264	0.283	0.306	0.330	0.358	0.389	0.423	0.462
40.	0.191	0.204	0.218	0.233	0.250	0.269	0.290	0.313	0.339	0.368	0.401	0.438	0.480
42.	0.193	0.206	0.221	0.236	0.254	0.273	0.295	0.319	0.346	0.377	0.412	0.451	0.497
44.	0.195	0.208	0.223	0.239	0.257	0.277	0.299	0.324	0.352	0.384	0.421	0.462	0.510
46.	0.196	0.210	0.225	0.241	0.259	0.280	0.302	0.328	0.357	0.390	0.427	0.470	0.520
48.	0.197	0.211	0.226	0.242	0.261	0.281	0.304	0.330	0.360	0.393	0.431	0.475	0.526
50.	0.197	0.211	0.226	0.243	0.261	0.282	0.305	0.331	0.361	0.394	0.433	0.477	0.529

ROOM HEIGHT 50.0 DETECTOR HEIGHT 14.0 TWO SOURCES

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	0.110	0.114	0.118	0.122	0.126	0.131	0.135	0.140	0.144	0.149	0.153	0.158	0.163
2.	0.114	0.118	0.122	0.127	0.132	0.136	0.141	0.146	0.151	0.156	0.161	0.166	0.171
4.	0.118	0.122	0.127	0.132	0.137	0.142	0.148	0.153	0.159	0.164	0.170	0.175	0.181
6.	0.122	0.127	0.132	0.137	0.143	0.148	0.154	0.160	0.166	0.172	0.179	0.185	0.191
8.	0.126	0.132	0.137	0.143	0.149	0.155	0.161	0.168	0.174	0.181	0.188	0.195	0.202
10.	0.131	0.136	0.142	0.148	0.155	0.162	0.168	0.176	0.183	0.191	0.198	0.206	0.214
12.	0.135	0.141	0.148	0.154	0.161	0.168	0.176	0.184	0.192	0.200	0.209	0.218	0.226
14.	0.140	0.146	0.153	0.160	0.168	0.176	0.184	0.192	0.201	0.211	0.220	0.230	0.240
16.	0.144	0.151	0.159	0.166	0.174	0.183	0.192	0.201	0.211	0.221	0.232	0.243	0.254
18.	0.149	0.156	0.164	0.172	0.181	0.191	0.200	0.211	0.221	0.233	0.244	0.257	0.269
20.	0.153	0.161	0.170	0.179	0.188	0.198	0.209	0.220	0.232	0.244	0.257	0.271	0.285
22.	0.158	0.166	0.175	0.185	0.195	0.206	0.218	0.230	0.243	0.257	0.271	0.286	0.302
24.	0.163	0.171	0.181	0.191	0.202	0.214	0.226	0.240	0.254	0.269	0.285	0.302	0.320
26.	0.167	0.176	0.187	0.197	0.209	0.222	0.235	0.250	0.265	0.282	0.300	0.318	0.338
28.	0.171	0.181	0.192	0.204	0.216	0.230	0.244	0.260	0.277	0.295	0.314	0.335	0.358
30.	0.175	0.186	0.197	0.209	0.223	0.237	0.253	0.270	0.288	0.308	0.329	0.352	0.377
32.	0.179	0.190	0.202	0.215	0.229	0.244	0.261	0.279	0.299	0.321	0.344	0.370	0.397
34.	0.183	0.194	0.207	0.220	0.235	0.251	0.269	0.289	0.310	0.333	0.359	0.387	0.417
36.	0.186	0.198	0.211	0.225	0.241	0.258	0.277	0.297	0.320	0.345	0.373	0.403	0.437
38.	0.189	0.202	0.215	0.230	0.246	0.264	0.284	0.305	0.329	0.356	0.386	0.419	0.455
40.	0.192	0.205	0.219	0.234	0.251	0.269	0.290	0.312	0.338	0.366	0.397	0.433	0.472
42.	0.194	0.207	0.221	0.237	0.254	0.274	0.295	0.318	0.345	0.374	0.408	0.445	0.487
44.	0.196	0.209	0.224	0.240	0.257	0.277	0.299	0.323	0.351	0.381	0.416	0.455	0.500
46.	0.197	0.211	0.225	0.242	0.260	0.280	0.302	0.327	0.355	0.387	0.422	0.463	0.509
48.	0.198	0.212	0.226	0.243	0.261	0.281	0.304	0.329	0.358	0.390	0.426	0.468	0.515
50.	0.198	0.212	0.227	0.243	0.262	0.282	0.305	0.330	0.359	0.391	0.427	0.469	0.517

ROOM HEIGHT 50.0 DETECTOR HEIGHT 12.0 TWO SOURCES

X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	0.166	0.170	0.175	0.179	0.182	0.186	0.189	0.191	0.193	0.195	0.196	0.197	0.197
2.	0.176	0.180	0.185	0.189	0.194	0.197	0.201	0.204	0.206	0.208	0.210	0.211	0.211
4.	0.186	0.191	0.196	0.201	0.206	0.210	0.214	0.218	0.221	0.223	0.225	0.226	0.226
6.	0.197	0.203	0.209	0.214	0.220	0.225	0.229	0.233	0.236	0.239	0.241	0.242	0.243
8.	0.208	0.215	0.222	0.228	0.235	0.240	0.246	0.250	0.254	0.257	0.259	0.261	0.261
10.	0.221	0.229	0.236	0.244	0.251	0.258	0.264	0.269	0.273	0.277	0.280	0.281	0.282
12.	0.235	0.243	0.252	0.261	0.269	0.276	0.283	0.290	0.295	0.299	0.302	0.304	0.305
14.	0.249	0.259	0.269	0.279	0.289	0.297	0.306	0.313	0.319	0.324	0.328	0.330	0.331
16.	0.265	0.276	0.288	0.299	0.310	0.321	0.330	0.339	0.346	0.352	0.357	0.360	0.361
18.	0.282	0.295	0.308	0.321	0.334	0.346	0.358	0.368	0.377	0.384	0.390	0.393	0.394
20.	0.300	0.315	0.330	0.346	0.361	0.375	0.389	0.401	0.412	0.421	0.427	0.431	0.433
22.	0.319	0.337	0.354	0.372	0.390	0.407	0.423	0.438	0.451	0.462	0.470	0.475	0.477
24.	0.340	0.360	0.380	0.401	0.422	0.443	0.462	0.480	0.497	0.510	0.520	0.526	0.529
26.	0.362	0.384	0.408	0.433	0.457	0.482	0.506	0.529	0.549	0.565	0.578	0.586	0.589
28.	0.384	0.411	0.438	0.467	0.497	0.526	0.556	0.583	0.608	0.630	0.646	0.656	0.660
30.	0.408	0.438	0.470	0.504	0.539	0.575	0.611	0.646	0.678	0.705	0.726	0.739	0.744
32.	0.433	0.467	0.504	0.544	0.586	0.630	0.674	0.717	0.758	0.793	0.821	0.838	0.844
34.	0.457	0.497	0.539	0.586	0.636	0.689	0.744	0.799	0.851	0.897	0.933	0.957	0.965
36.	0.482	0.526	0.575	0.630	0.689	0.753	0.821	0.890	0.957	1.018	1.067	1.099	1.110
38.	0.506	0.556	0.611	0.674	0.744	0.821	0.904	0.991	1.077	1.157	1.223	1.266	1.282
40.	0.529	0.583	0.646	0.717	0.799	0.890	0.991	1.099	1.209	1.314	1.402	1.462	1.483
42.	0.549	0.608	0.678	0.758	0.851	0.957	1.077	1.209	1.348	1.463	1.600	1.681	1.710
44.	0.565	0.630	0.705	0.793	0.897	1.018	1.157	1.314	1.483	1.653	1.803	1.909	1.947
46.	0.578	0.646	0.726	0.821	0.933	1.067	1.223	1.402	1.600	1.803	1.987	2.119	2.167
48.	0.586	0.656	0.739	0.838	0.957	1.099	1.266	1.462	1.681	1.909	2.119	2.271	2.327
50.	0.589	0.660	0.744	0.844	0.965	1.110	1.282	1.483	1.710	1.947	2.167	2.327	2.387

ROOM HEIGHT 50.0 DETECTOR HEIGHT 14.0 TWO SOURCES

X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	0.167	0.171	0.175	0.179	0.183	0.186	0.189	0.192	0.194	0.196	0.197	0.198	0.198
2.	0.176	0.181	0.186	0.190	0.194	0.198	0.202	0.205	0.207	0.209	0.211	0.212	0.212
4.	0.187	0.192	0.197	0.202	0.207	0.211	0.215	0.219	0.221	0.224	0.225	0.226	0.227
6.	0.197	0.204	0.209	0.215	0.220	0.225	0.230	0.234	0.237	0.240	0.242	0.243	0.243
8.	0.209	0.216	0.223	0.229	0.235	0.241	0.246	0.251	0.254	0.257	0.260	0.261	0.262
10.	0.222	0.230	0.237	0.244	0.251	0.258	0.264	0.269	0.274	0.277	0.280	0.281	0.282
12.	0.235	0.244	0.253	0.261	0.269	0.277	0.284	0.290	0.295	0.299	0.302	0.304	0.305
14.	0.250	0.260	0.270	0.279	0.289	0.297	0.305	0.312	0.318	0.323	0.327	0.329	0.330
16.	0.265	0.277	0.288	0.299	0.310	0.320	0.329	0.338	0.345	0.351	0.355	0.358	0.359
18.	0.282	0.295	0.308	0.321	0.333	0.345	0.356	0.366	0.374	0.381	0.387	0.390	0.391
20.	0.300	0.314	0.329	0.344	0.359	0.373	0.386	0.397	0.408	0.416	0.422	0.426	0.427
22.	0.318	0.335	0.352	0.370	0.387	0.403	0.419	0.433	0.445	0.455	0.463	0.468	0.469
24.	0.338	0.358	0.377	0.397	0.417	0.437	0.455	0.472	0.487	0.500	0.509	0.515	0.517
26.	0.359	0.381	0.404	0.427	0.451	0.474	0.496	0.517	0.535	0.551	0.562	0.569	0.572
28.	0.381	0.407	0.433	0.460	0.487	0.515	0.542	0.567	0.589	0.609	0.623	0.632	0.635
30.	0.404	0.433	0.463	0.494	0.527	0.560	0.592	0.623	0.651	0.675	0.693	0.705	0.709
32.	0.427	0.460	0.494	0.531	0.569	0.609	0.648	0.686	0.721	0.751	0.774	0.789	0.794
34.	0.451	0.487	0.527	0.569	0.614	0.661	0.709	0.755	0.799	0.837	0.867	0.886	0.893
36.	0.474	0.515	0.560	0.609	0.661	0.717	0.774	0.831	0.886	0.935	0.973	0.998	1.007
38.	0.496	0.542	0.592	0.648	0.709	0.774	0.843	0.913	0.981	1.043	1.092	1.125	1.136
40.	0.517	0.567	0.623	0.686	0.755	0.831	0.913	0.998	1.082	1.159	1.223	1.265	1.280
42.	0.535	0.589	0.651	0.721	0.799	0.886	0.981	1.082	1.184	1.280	1.359	1.413	1.432
44.	0.551	0.609	0.675	0.751	0.837	0.935	1.043	1.159	1.280	1.394	1.492	1.558	1.582
46.	0.562	0.623	0.693	0.774	0.867	0.973	1.092	1.223	1.359	1.492	1.606	1.684	1.712
48.	0.569	0.632	0.705	0.789	0.886	0.998	1.125	1.265	1.413	1.558	1.684	1.772	1.803
50.	0.572	0.635	0.709	0.794	0.893	1.007	1.136	1.280	1.432	1.582	1.712	1.803	1.836

ROOM HEIGHT 50.0 DETECTOR HEIGHT 16.0 TWO SOURCES

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	0.110	0.114	0.118	0.122	0.127	0.131	0.136	0.140	0.145	0.149	0.154	0.159	0.163
2.	0.114	0.118	0.123	0.127	0.132	0.137	0.142	0.147	0.152	0.157	0.162	0.167	0.172
4.	0.118	0.123	0.128	0.133	0.138	0.143	0.148	0.154	0.159	0.165	0.170	0.176	0.182
6.	0.122	0.127	0.133	0.138	0.143	0.149	0.155	0.161	0.167	0.173	0.179	0.186	0.192
8.	0.127	0.132	0.138	0.143	0.149	0.155	0.162	0.168	0.175	0.182	0.189	0.196	0.203
10.	0.131	0.137	0.143	0.149	0.155	0.162	0.169	0.176	0.184	0.191	0.199	0.207	0.214
12.	0.136	0.142	0.148	0.155	0.162	0.169	0.177	0.185	0.193	0.201	0.209	0.218	0.227
14.	0.140	0.147	0.154	0.161	0.168	0.176	0.185	0.193	0.202	0.211	0.221	0.230	0.240
16.	0.145	0.152	0.159	0.167	0.175	0.184	0.193	0.202	0.212	0.222	0.232	0.243	0.254
18.	0.149	0.157	0.165	0.173	0.182	0.191	0.201	0.211	0.222	0.233	0.245	0.257	0.269
20.	0.154	0.162	0.170	0.179	0.189	0.199	0.209	0.221	0.232	0.245	0.258	0.271	0.285
22.	0.159	0.167	0.176	0.186	0.196	0.207	0.218	0.230	0.243	0.257	0.271	0.286	0.302
24.	0.163	0.172	0.182	0.192	0.203	0.214	0.227	0.240	0.254	0.269	0.285	0.302	0.319
26.	0.168	0.177	0.187	0.198	0.210	0.222	0.236	0.250	0.265	0.282	0.299	0.318	0.337
28.	0.172	0.182	0.193	0.204	0.217	0.230	0.244	0.260	0.277	0.294	0.314	0.334	0.356
30.	0.176	0.187	0.198	0.210	0.223	0.238	0.253	0.270	0.288	0.307	0.328	0.351	0.375
32.	0.180	0.191	0.203	0.216	0.230	0.245	0.261	0.279	0.299	0.320	0.342	0.367	0.394
34.	0.184	0.195	0.207	0.221	0.236	0.252	0.269	0.288	0.309	0.332	0.356	0.383	0.413
36.	0.187	0.199	0.212	0.226	0.241	0.258	0.277	0.297	0.319	0.343	0.370	0.399	0.431
38.	0.190	0.202	0.216	0.230	0.246	0.264	0.283	0.305	0.328	0.354	0.382	0.414	0.449
40.	0.193	0.205	0.219	0.234	0.251	0.269	0.289	0.312	0.336	0.364	0.394	0.427	0.465
42.	0.195	0.208	0.222	0.238	0.255	0.274	0.294	0.318	0.343	0.372	0.404	0.439	0.479
44.	0.197	0.210	0.224	0.240	0.258	0.277	0.299	0.322	0.349	0.378	0.412	0.449	0.490
46.	0.198	0.211	0.226	0.242	0.260	0.280	0.302	0.326	0.353	0.383	0.417	0.456	0.499
48.	0.199	0.212	0.227	0.243	0.261	0.281	0.303	0.328	0.356	0.386	0.421	0.460	0.504
50.	0.199	0.212	0.227	0.244	0.262	0.282	0.304	0.329	0.356	0.387	0.422	0.462	0.506

ROOM HEIGHT 50.0 DETECTOR HEIGHT 18.0 TWO SOURCES

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	0.111	0.115	0.119	0.123	0.127	0.132	0.136	0.141	0.145	0.150	0.155	0.159	0.164
2.	0.115	0.119	0.123	0.128	0.133	0.137	0.142	0.147	0.152	0.157	0.162	0.168	0.173
4.	0.119	0.123	0.128	0.133	0.138	0.143	0.149	0.154	0.160	0.165	0.171	0.177	0.182
6.	0.123	0.128	0.133	0.138	0.144	0.149	0.155	0.161	0.167	0.174	0.180	0.186	0.192
8.	0.127	0.133	0.138	0.144	0.150	0.156	0.162	0.169	0.176	0.182	0.189	0.196	0.203
10.	0.132	0.137	0.143	0.149	0.156	0.163	0.170	0.177	0.184	0.192	0.199	0.207	0.215
12.	0.136	0.142	0.149	0.155	0.162	0.170	0.177	0.185	0.193	0.201	0.210	0.219	0.227
14.	0.141	0.147	0.154	0.161	0.169	0.177	0.185	0.194	0.202	0.212	0.221	0.231	0.240
16.	0.145	0.152	0.160	0.167	0.176	0.184	0.193	0.202	0.212	0.222	0.233	0.243	0.254
18.	0.150	0.157	0.165	0.174	0.182	0.192	0.201	0.212	0.222	0.233	0.245	0.257	0.269
20.	0.155	0.162	0.171	0.180	0.189	0.199	0.210	0.221	0.233	0.245	0.258	0.271	0.285
22.	0.159	0.168	0.177	0.186	0.196	0.207	0.219	0.231	0.243	0.257	0.271	0.286	0.301
24.	0.164	0.173	0.182	0.192	0.202	0.215	0.227	0.240	0.254	0.269	0.285	0.301	0.318
26.	0.168	0.178	0.188	0.199	0.210	0.223	0.236	0.250	0.265	0.282	0.299	0.317	0.336
28.	0.172	0.182	0.193	0.205	0.217	0.230	0.245	0.260	0.276	0.294	0.313	0.333	0.354
30.	0.177	0.187	0.198	0.210	0.224	0.238	0.253	0.270	0.287	0.306	0.327	0.349	0.372
32.	0.180	0.191	0.203	0.216	0.230	0.245	0.261	0.279	0.298	0.319	0.341	0.365	0.390
34.	0.184	0.196	0.208	0.221	0.236	0.252	0.269	0.288	0.308	0.330	0.354	0.381	0.409
36.	0.187	0.199	0.212	0.226	0.242	0.258	0.276	0.296	0.318	0.342	0.367	0.396	0.426
38.	0.190	0.203	0.216	0.231	0.247	0.264	0.283	0.304	0.327	0.352	0.380	0.410	0.443
40.	0.193	0.206	0.219	0.235	0.251	0.269	0.289	0.311	0.335	0.361	0.390	0.422	0.458
42.	0.195	0.208	0.222	0.238	0.255	0.273	0.294	0.317	0.342	0.369	0.400	0.434	0.471
44.	0.197	0.210	0.225	0.240	0.258	0.277	0.298	0.321	0.347	0.376	0.407	0.443	0.482
46.	0.198	0.212	0.226	0.242	0.260	0.279	0.301	0.325	0.351	0.381	0.413	0.449	0.490
48.	0.199	0.213	0.227	0.243	0.261	0.281	0.303	0.327	0.354	0.383	0.417	0.453	0.495
50.	0.199	0.213	0.228	0.244	0.262	0.282	0.303	0.328	0.354	0.384	0.418	0.455	0.496

ROOM HEIGHT 50.0 DETECTOR HEIGHT 16.0 TWO SOURCES

X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	0.168	0.172	0.176	0.180	0.184	0.187	0.190	0.193	0.195	0.197	0.198	0.199	0.199
2.	0.177	0.182	0.187	0.191	0.195	0.199	0.202	0.205	0.208	0.210	0.211	0.212	0.212
4.	0.187	0.193	0.198	0.203	0.207	0.212	0.216	0.219	0.222	0.224	0.226	0.227	0.227
6.	0.198	0.204	0.210	0.216	0.221	0.226	0.230	0.234	0.238	0.240	0.242	0.243	0.244
8.	0.210	0.217	0.223	0.230	0.236	0.241	0.246	0.251	0.255	0.258	0.260	0.261	0.262
10.	0.222	0.230	0.238	0.245	0.252	0.258	0.264	0.269	0.274	0.277	0.280	0.281	0.282
12.	0.236	0.244	0.253	0.261	0.269	0.277	0.283	0.289	0.294	0.299	0.302	0.303	0.304
14.	0.250	0.260	0.270	0.279	0.288	0.297	0.305	0.312	0.318	0.322	0.326	0.328	0.329
16.	0.265	0.277	0.288	0.299	0.309	0.319	0.328	0.336	0.343	0.349	0.353	0.356	0.356
18.	0.282	0.294	0.307	0.320	0.332	0.343	0.354	0.364	0.372	0.378	0.383	0.386	0.387
20.	0.299	0.314	0.328	0.342	0.356	0.370	0.382	0.394	0.404	0.412	0.417	0.421	0.422
22.	0.318	0.334	0.351	0.367	0.383	0.399	0.414	0.427	0.439	0.449	0.456	0.460	0.462
24.	0.337	0.356	0.375	0.394	0.413	0.431	0.449	0.465	0.479	0.490	0.499	0.504	0.506
26.	0.357	0.378	0.400	0.422	0.444	0.466	0.487	0.506	0.523	0.537	0.547	0.554	0.556
28.	0.378	0.402	0.427	0.453	0.479	0.504	0.529	0.552	0.572	0.589	0.602	0.610	0.613
30.	0.400	0.427	0.456	0.485	0.515	0.545	0.574	0.602	0.627	0.648	0.664	0.674	0.677
32.	0.422	0.453	0.485	0.519	0.554	0.589	0.624	0.657	0.688	0.713	0.733	0.746	0.750
34.	0.444	0.479	0.515	0.554	0.594	0.636	0.677	0.717	0.754	0.786	0.811	0.826	0.832
36.	0.466	0.504	0.545	0.589	0.636	0.684	0.733	0.781	0.826	0.866	0.896	0.916	0.923
38.	0.487	0.529	0.574	0.624	0.677	0.733	0.791	0.848	0.903	0.951	0.989	1.013	1.022
40.	0.506	0.552	0.602	0.657	0.717	0.781	0.848	0.916	0.981	1.039	1.086	1.116	1.127
42.	0.523	0.572	0.627	0.688	0.754	0.826	0.903	0.981	1.057	1.127	1.183	1.220	1.233
44.	0.537	0.589	0.648	0.713	0.786	0.866	0.951	1.039	1.127	1.207	1.273	1.317	1.332
46.	0.547	0.602	0.664	0.733	0.811	0.896	0.989	1.086	1.183	1.273	1.348	1.398	1.416
48.	0.554	0.610	0.674	0.746	0.826	0.916	1.013	1.116	1.220	1.317	1.398	1.452	1.471
50.	0.556	0.613	0.677	0.750	0.832	0.923	1.022	1.127	1.233	1.332	1.416	1.471	1.491

ROOM HEIGHT 50.0 DETECTOR HEIGHT 18.0 TWO SOURCES

X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	0.168	0.172	0.177	0.180	0.184	0.187	0.190	0.193	0.195	0.197	0.198	0.199	0.199
2.	0.178	0.182	0.187	0.191	0.196	0.199	0.203	0.206	0.208	0.210	0.212	0.213	0.213
4.	0.188	0.193	0.198	0.203	0.208	0.212	0.216	0.219	0.222	0.225	0.226	0.227	0.228
6.	0.199	0.205	0.210	0.216	0.221	0.226	0.231	0.235	0.238	0.240	0.242	0.243	0.244
8.	0.210	0.217	0.224	0.230	0.236	0.242	0.247	0.251	0.255	0.258	0.260	0.261	0.262
10.	0.223	0.230	0.238	0.245	0.252	0.258	0.264	0.269	0.273	0.277	0.279	0.281	0.282
12.	0.236	0.245	0.253	0.261	0.269	0.276	0.283	0.289	0.294	0.298	0.301	0.303	0.303
14.	0.250	0.260	0.270	0.279	0.288	0.296	0.304	0.311	0.317	0.321	0.325	0.327	0.328
16.	0.265	0.276	0.287	0.298	0.308	0.318	0.327	0.335	0.342	0.347	0.351	0.354	0.354
18.	0.282	0.294	0.306	0.319	0.330	0.342	0.352	0.361	0.369	0.376	0.381	0.383	0.384
20.	0.299	0.313	0.327	0.341	0.354	0.367	0.380	0.390	0.400	0.407	0.413	0.417	0.418
22.	0.317	0.333	0.349	0.365	0.381	0.396	0.410	0.422	0.434	0.443	0.449	0.453	0.455
24.	0.336	0.354	0.372	0.390	0.409	0.426	0.443	0.458	0.471	0.482	0.490	0.495	0.496
26.	0.355	0.376	0.397	0.418	0.439	0.459	0.479	0.496	0.512	0.525	0.535	0.541	0.543
28.	0.376	0.399	0.422	0.447	0.471	0.495	0.517	0.539	0.557	0.573	0.584	0.592	0.594
30.	0.397	0.422	0.449	0.477	0.505	0.533	0.559	0.584	0.607	0.625	0.639	0.648	0.651
32.	0.418	0.447	0.477	0.508	0.541	0.573	0.604	0.634	0.660	0.683	0.700	0.710	0.714
34.	0.439	0.471	0.505	0.541	0.577	0.614	0.651	0.686	0.718	0.745	0.765	0.778	0.783
36.	0.459	0.495	0.533	0.573	0.614	0.657	0.700	0.741	0.778	0.811	0.836	0.852	0.857
38.	0.479	0.517	0.559	0.604	0.651	0.700	0.749	0.797	0.841	0.880	0.910	0.929	0.935
40.	0.496	0.539	0.584	0.634	0.686	0.741	0.797	0.852	0.903	0.949	0.984	1.007	1.015
42.	0.512	0.557	0.607	0.660	0.718	0.778	0.841	0.903	0.963	1.015	1.057	1.083	1.093
44.	0.525	0.573	0.625	0.683	0.745	0.811	0.880	0.949	1.015	1.074	1.122	1.152	1.163
46.	0.535	0.584	0.639	0.700	0.765	0.836	0.910	0.984	1.057	1.122	1.174	1.208	1.220
48.	0.541	0.592	0.648	0.710	0.778	0.852	0.929	1.007	1.083	1.152	1.208	1.244	1.257
50.	0.543	0.594	0.651	0.714	0.783	0.857	0.935	1.015	1.093	1.163	1.220	1.257	1.270

ROOM HEIGHT 50.0 DETECTOR HEIGHT 20.0 TWO SOURCES

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	0.111	0.115	0.119	0.123	0.128	0.132	0.136	0.141	0.146	0.150	0.155	0.160	0.164
2.	0.115	0.119	0.124	0.128	0.133	0.138	0.143	0.148	0.153	0.158	0.163	0.168	0.173
4.	0.119	0.124	0.128	0.133	0.138	0.144	0.149	0.154	0.160	0.166	0.171	0.177	0.183
6.	0.123	0.128	0.133	0.139	0.144	0.150	0.156	0.162	0.168	0.174	0.180	0.186	0.193
8.	0.128	0.133	0.138	0.144	0.150	0.156	0.163	0.169	0.176	0.183	0.190	0.197	0.204
10.	0.132	0.138	0.144	0.150	0.156	0.163	0.170	0.177	0.184	0.192	0.200	0.207	0.215
12.	0.136	0.143	0.149	0.156	0.163	0.170	0.178	0.185	0.193	0.202	0.210	0.219	0.227
14.	0.141	0.148	0.154	0.162	0.169	0.177	0.185	0.194	0.203	0.212	0.221	0.231	0.241
16.	0.146	0.153	0.160	0.168	0.176	0.184	0.193	0.203	0.213	0.223	0.233	0.244	0.254
18.	0.150	0.158	0.166	0.174	0.183	0.192	0.202	0.212	0.223	0.234	0.245	0.257	0.269
20.	0.155	0.163	0.171	0.180	0.190	0.200	0.210	0.221	0.233	0.245	0.258	0.271	0.284
22.	0.160	0.168	0.177	0.186	0.197	0.207	0.219	0.231	0.244	0.257	0.271	0.285	0.300
24.	0.164	0.173	0.183	0.193	0.204	0.215	0.227	0.241	0.254	0.269	0.284	0.300	0.317
26.	0.168	0.178	0.188	0.199	0.211	0.223	0.236	0.250	0.265	0.281	0.298	0.316	0.334
28.	0.173	0.183	0.193	0.205	0.217	0.231	0.245	0.260	0.276	0.294	0.312	0.331	0.352
30.	0.177	0.187	0.199	0.211	0.224	0.238	0.253	0.269	0.287	0.306	0.326	0.347	0.370
32.	0.181	0.192	0.204	0.216	0.230	0.245	0.261	0.279	0.298	0.318	0.340	0.363	0.388
34.	0.186	0.196	0.208	0.222	0.236	0.252	0.269	0.288	0.308	0.329	0.353	0.378	0.405
36.	0.188	0.200	0.213	0.226	0.242	0.258	0.276	0.296	0.317	0.340	0.365	0.393	0.422
38.	0.191	0.203	0.216	0.231	0.247	0.264	0.283	0.303	0.326	0.350	0.377	0.406	0.438
40.	0.193	0.206	0.220	0.235	0.251	0.269	0.289	0.310	0.334	0.359	0.388	0.419	0.452
42.	0.196	0.209	0.223	0.238	0.255	0.273	0.294	0.316	0.340	0.367	0.397	0.429	0.465
44.	0.197	0.211	0.225	0.241	0.258	0.277	0.298	0.320	0.346	0.373	0.404	0.438	0.475
46.	0.199	0.212	0.226	0.242	0.260	0.279	0.300	0.324	0.350	0.378	0.410	0.444	0.482
48.	0.199	0.213	0.227	0.244	0.261	0.281	0.302	0.326	0.352	0.381	0.413	0.448	0.487
50.	0.200	0.213	0.228	0.244	0.262	0.281	0.303	0.327	0.353	0.382	0.414	0.450	0.489

ROOM HEIGHT 50.0 DETECTOR HEIGHT 22.0 TWO SOURCES

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	0.111	0.115	0.119	0.123	0.128	0.132	0.137	0.141	0.146	0.151	0.155	0.160	0.164
2.	0.115	0.119	0.124	0.128	0.133	0.138	0.143	0.148	0.153	0.158	0.163	0.168	0.173
4.	0.119	0.124	0.129	0.134	0.139	0.144	0.149	0.155	0.160	0.166	0.172	0.177	0.183
6.	0.123	0.128	0.134	0.139	0.144	0.150	0.156	0.162	0.168	0.174	0.180	0.187	0.193
8.	0.128	0.133	0.139	0.144	0.150	0.157	0.163	0.169	0.176	0.183	0.190	0.197	0.204
10.	0.132	0.138	0.144	0.150	0.157	0.163	0.170	0.177	0.185	0.192	0.200	0.208	0.215
12.	0.137	0.143	0.149	0.156	0.163	0.170	0.178	0.186	0.194	0.202	0.210	0.219	0.228
14.	0.141	0.148	0.155	0.162	0.169	0.177	0.186	0.194	0.203	0.212	0.221	0.231	0.241
16.	0.146	0.153	0.160	0.168	0.176	0.185	0.194	0.203	0.213	0.223	0.233	0.244	0.254
18.	0.151	0.158	0.166	0.174	0.183	0.192	0.202	0.212	0.223	0.234	0.245	0.257	0.269
20.	0.155	0.163	0.172	0.180	0.190	0.200	0.210	0.221	0.233	0.245	0.258	0.271	0.284
22.	0.160	0.168	0.177	0.187	0.197	0.208	0.219	0.231	0.244	0.257	0.271	0.285	0.300
24.	0.164	0.173	0.183	0.193	0.204	0.215	0.228	0.241	0.254	0.269	0.284	0.300	0.317
26.	0.169	0.178	0.188	0.199	0.211	0.223	0.236	0.250	0.265	0.281	0.298	0.315	0.333
28.	0.173	0.183	0.194	0.205	0.217	0.231	0.245	0.260	0.276	0.293	0.311	0.331	0.351
30.	0.177	0.188	0.199	0.211	0.224	0.238	0.253	0.269	0.287	0.305	0.325	0.346	0.368
32.	0.181	0.192	0.204	0.217	0.230	0.245	0.261	0.279	0.297	0.317	0.339	0.361	0.386
34.	0.185	0.196	0.208	0.222	0.236	0.252	0.269	0.287	0.307	0.329	0.352	0.376	0.403
36.	0.188	0.200	0.213	0.227	0.242	0.258	0.276	0.295	0.317	0.339	0.364	0.391	0.419
38.	0.191	0.203	0.217	0.231	0.247	0.264	0.283	0.303	0.325	0.349	0.375	0.404	0.434
40.	0.194	0.206	0.220	0.235	0.251	0.269	0.288	0.310	0.333	0.358	0.386	0.416	0.448
42.	0.196	0.209	0.223	0.238	0.255	0.273	0.293	0.315	0.339	0.366	0.395	0.426	0.460
44.	0.198	0.211	0.225	0.241	0.258	0.277	0.297	0.320	0.345	0.372	0.402	0.434	0.470
46.	0.199	0.212	0.227	0.243	0.260	0.279	0.300	0.323	0.348	0.376	0.407	0.441	0.477
48.	0.200	0.213	0.228	0.244	0.261	0.281	0.302	0.325	0.351	0.379	0.410	0.444	0.482
50.	0.200	0.213	0.228	0.244	0.262	0.281	0.302	0.326	0.352	0.380	0.411	0.446	0.483

ROOM HEIGHT 50.0 DETECTOR HEIGHT 20.0 TWO SOURCES

X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	0.168	0.173	0.177	0.181	0.184	0.188	0.191	0.193	0.196	0.197	0.199	0.199	0.200
2.	0.178	0.183	0.187	0.192	0.196	0.200	0.203	0.206	0.209	0.211	0.212	0.213	0.213
4.	0.188	0.193	0.199	0.204	0.208	0.213	0.216	0.220	0.223	0.225	0.226	0.227	0.228
6.	0.199	0.205	0.211	0.216	0.222	0.226	0.231	0.235	0.238	0.241	0.242	0.244	0.244
8.	0.211	0.217	0.224	0.230	0.236	0.242	0.247	0.251	0.255	0.258	0.260	0.261	0.262
10.	0.223	0.231	0.238	0.245	0.252	0.258	0.264	0.269	0.273	0.277	0.279	0.281	0.281
12.	0.236	0.245	0.253	0.261	0.269	0.276	0.283	0.289	0.294	0.298	0.300	0.302	0.303
14.	0.250	0.260	0.269	0.279	0.288	0.296	0.303	0.310	0.316	0.320	0.324	0.326	0.327
16.	0.265	0.276	0.287	0.298	0.308	0.317	0.326	0.334	0.340	0.346	0.350	0.352	0.353
18.	0.281	0.294	0.306	0.318	0.329	0.340	0.350	0.359	0.367	0.373	0.378	0.381	0.382
20.	0.298	0.312	0.326	0.340	0.353	0.365	0.377	0.388	0.397	0.404	0.410	0.413	0.414
22.	0.316	0.331	0.347	0.363	0.378	0.393	0.406	0.419	0.429	0.438	0.444	0.448	0.450
24.	0.334	0.352	0.370	0.388	0.405	0.422	0.438	0.452	0.465	0.475	0.482	0.487	0.489
26.	0.354	0.373	0.394	0.414	0.434	0.454	0.472	0.489	0.503	0.515	0.524	0.530	0.532
28.	0.373	0.396	0.419	0.442	0.465	0.487	0.509	0.528	0.545	0.560	0.570	0.577	0.579
30.	0.394	0.419	0.444	0.470	0.497	0.523	0.547	0.570	0.591	0.608	0.620	0.628	0.631
32.	0.414	0.442	0.470	0.500	0.530	0.560	0.588	0.615	0.639	0.659	0.674	0.684	0.687
34.	0.434	0.465	0.497	0.530	0.564	0.598	0.631	0.662	0.690	0.714	0.732	0.743	0.747
36.	0.454	0.487	0.523	0.560	0.598	0.636	0.674	0.710	0.743	0.771	0.792	0.805	0.809
38.	0.472	0.509	0.547	0.588	0.631	0.674	0.717	0.758	0.796	0.828	0.853	0.868	0.874
40.	0.489	0.528	0.570	0.615	0.662	0.710	0.758	0.805	0.848	0.885	0.913	0.931	0.938
42.	0.503	0.545	0.591	0.639	0.690	0.743	0.796	0.848	0.896	0.938	0.970	0.991	0.998
44.	0.515	0.560	0.608	0.659	0.714	0.771	0.828	0.885	0.938	0.984	1.020	1.043	1.051
46.	0.524	0.570	0.620	0.674	0.732	0.792	0.853	0.913	0.970	1.020	1.059	1.084	1.092
48.	0.530	0.577	0.628	0.684	0.743	0.805	0.868	0.931	0.991	1.043	1.084	1.110	1.119
50.	0.532	0.579	0.631	0.687	0.747	0.809	0.874	0.938	0.998	1.051	1.092	1.119	1.128

ROOM HEIGHT 50.0 DETECTOR HEIGHT 22.0 TWO SOURCES

X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	0.169	0.173	0.177	0.181	0.185	0.188	0.191	0.194	0.196	0.198	0.199	0.200	0.200
2.	0.178	0.183	0.188	0.192	0.196	0.200	0.203	0.206	0.209	0.211	0.212	0.213	0.213
4.	0.188	0.194	0.199	0.204	0.208	0.213	0.217	0.220	0.223	0.225	0.227	0.228	0.228
6.	0.199	0.205	0.211	0.217	0.222	0.227	0.231	0.235	0.238	0.241	0.243	0.244	0.244
8.	0.211	0.217	0.224	0.230	0.236	0.242	0.247	0.251	0.255	0.258	0.260	0.261	0.262
10.	0.223	0.231	0.238	0.245	0.252	0.258	0.264	0.269	0.273	0.277	0.279	0.281	0.281
12.	0.236	0.245	0.253	0.261	0.269	0.276	0.283	0.288	0.293	0.297	0.300	0.302	0.302
14.	0.250	0.260	0.269	0.279	0.287	0.295	0.303	0.310	0.315	0.320	0.323	0.325	0.326
16.	0.265	0.276	0.287	0.297	0.307	0.317	0.325	0.333	0.339	0.345	0.348	0.351	0.352
18.	0.281	0.293	0.305	0.317	0.329	0.339	0.349	0.358	0.366	0.372	0.376	0.379	0.380
20.	0.298	0.311	0.325	0.339	0.352	0.364	0.375	0.386	0.395	0.402	0.407	0.410	0.411
22.	0.315	0.331	0.346	0.361	0.376	0.391	0.404	0.416	0.426	0.434	0.441	0.444	0.446
24.	0.333	0.351	0.368	0.386	0.403	0.419	0.434	0.448	0.460	0.470	0.477	0.482	0.483
26.	0.352	0.372	0.392	0.411	0.431	0.450	0.467	0.483	0.497	0.509	0.518	0.523	0.525
28.	0.372	0.394	0.416	0.438	0.460	0.482	0.502	0.521	0.537	0.551	0.561	0.567	0.569
30.	0.392	0.416	0.441	0.466	0.491	0.516	0.539	0.561	0.580	0.596	0.608	0.615	0.617
32.	0.411	0.438	0.466	0.494	0.523	0.551	0.578	0.603	0.625	0.643	0.657	0.666	0.669
34.	0.431	0.460	0.491	0.523	0.555	0.587	0.617	0.646	0.672	0.693	0.709	0.719	0.723
36.	0.450	0.482	0.516	0.551	0.587	0.622	0.657	0.690	0.719	0.744	0.763	0.774	0.778
38.	0.467	0.502	0.539	0.578	0.617	0.657	0.696	0.733	0.767	0.795	0.816	0.830	0.834
40.	0.483	0.521	0.561	0.603	0.646	0.690	0.733	0.774	0.812	0.844	0.868	0.883	0.889
42.	0.497	0.537	0.580	0.625	0.672	0.719	0.767	0.812	0.853	0.889	0.916	0.933	0.939
44.	0.509	0.551	0.596	0.643	0.693	0.744	0.795	0.844	0.889	0.927	0.957	0.976	0.982
46.	0.518	0.561	0.608	0.657	0.709	0.763	0.816	0.868	0.916	0.957	0.989	1.009	1.016
48.	0.523	0.567	0.615	0.666	0.719	0.774	0.830	0.883	0.933	0.976	1.009	1.030	1.037
50.	0.525	0.569	0.617	0.669	0.723	0.778	0.834	0.889	0.939	0.982	1.016	1.037	1.044

ROOF HEIGHT 50.0 DETECTOR HEIGHT 24.0 TWO SOURCES

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	0.111	0.115	0.119	0.123	0.128	0.132	0.137	0.141	0.146	0.151	0.155	0.160	0.164
2.	0.115	0.119	0.124	0.128	0.133	0.138	0.143	0.148	0.153	0.158	0.163	0.168	0.173
4.	0.119	0.124	0.129	0.134	0.139	0.144	0.149	0.155	0.160	0.166	0.172	0.177	0.183
6.	0.123	0.128	0.134	0.139	0.144	0.150	0.156	0.162	0.168	0.174	0.181	0.187	0.193
8.	0.128	0.133	0.139	0.144	0.150	0.157	0.163	0.170	0.176	0.183	0.190	0.197	0.204
10.	0.132	0.138	0.144	0.150	0.157	0.163	0.170	0.177	0.185	0.192	0.200	0.208	0.215
12.	0.137	0.143	0.149	0.156	0.163	0.170	0.178	0.186	0.194	0.202	0.210	0.219	0.228
14.	0.141	0.148	0.155	0.162	0.170	0.177	0.186	0.194	0.203	0.212	0.222	0.231	0.241
16.	0.146	0.153	0.160	0.168	0.176	0.185	0.194	0.203	0.213	0.223	0.233	0.244	0.254
18.	0.151	0.158	0.166	0.174	0.183	0.192	0.202	0.212	0.223	0.234	0.245	0.257	0.269
20.	0.155	0.163	0.172	0.181	0.190	0.200	0.210	0.222	0.233	0.245	0.258	0.271	0.284
22.	0.160	0.168	0.177	0.187	0.197	0.208	0.219	0.231	0.244	0.257	0.271	0.285	0.300
24.	0.164	0.173	0.183	0.193	0.204	0.215	0.228	0.241	0.254	0.269	0.284	0.300	0.316
26.	0.169	0.178	0.188	0.199	0.211	0.223	0.236	0.250	0.265	0.281	0.298	0.315	0.333
28.	0.173	0.183	0.194	0.205	0.218	0.231	0.245	0.260	0.276	0.293	0.311	0.330	0.350
30.	0.177	0.188	0.199	0.211	0.224	0.238	0.253	0.269	0.287	0.305	0.325	0.346	0.368
32.	0.181	0.192	0.204	0.217	0.230	0.245	0.261	0.278	0.297	0.317	0.338	0.361	0.385
34.	0.185	0.196	0.209	0.222	0.236	0.252	0.269	0.287	0.307	0.328	0.351	0.375	0.402
36.	0.188	0.200	0.213	0.227	0.242	0.258	0.276	0.295	0.316	0.339	0.363	0.390	0.418
38.	0.191	0.203	0.217	0.231	0.247	0.264	0.282	0.303	0.325	0.349	0.375	0.403	0.433
40.	0.194	0.206	0.220	0.235	0.251	0.269	0.288	0.309	0.332	0.357	0.385	0.414	0.446
42.	0.196	0.209	0.223	0.238	0.255	0.273	0.293	0.315	0.339	0.365	0.393	0.425	0.458
44.	0.198	0.211	0.225	0.241	0.258	0.276	0.297	0.319	0.344	0.371	0.401	0.433	0.468
46.	0.199	0.212	0.227	0.243	0.260	0.279	0.300	0.323	0.348	0.375	0.406	0.439	0.475
48.	0.200	0.213	0.228	0.244	0.261	0.280	0.302	0.325	0.350	0.378	0.409	0.443	0.479
50.	0.200	0.213	0.228	0.244	0.262	0.281	0.302	0.325	0.351	0.379	0.410	0.444	0.481

ROOM HEIGHT 50.0 DETECTOR HEIGHT 24.0 TWO SOURCES

X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	0.169	0.173	0.177	0.181	0.185	0.188	0.191	0.194	0.196	0.198	0.199	0.200	0.200
2.	0.178	0.183	0.188	0.192	0.196	0.200	0.203	0.206	0.209	0.211	0.212	0.213	0.213
4.	0.188	0.194	0.199	0.204	0.209	0.213	0.217	0.220	0.223	0.225	0.227	0.228	0.228
6.	0.199	0.205	0.211	0.217	0.222	0.227	0.231	0.235	0.238	0.241	0.243	0.244	0.244
8.	0.211	0.218	0.224	0.230	0.236	0.242	0.247	0.251	0.255	0.258	0.260	0.261	0.262
10.	0.223	0.231	0.238	0.245	0.252	0.258	0.264	0.269	0.273	0.276	0.279	0.280	0.281
12.	0.236	0.245	0.253	0.261	0.269	0.276	0.282	0.288	0.293	0.297	0.300	0.302	0.302
14.	0.250	0.260	0.269	0.278	0.287	0.295	0.303	0.309	0.315	0.319	0.323	0.325	0.325
16.	0.265	0.276	0.287	0.297	0.307	0.316	0.325	0.332	0.339	0.344	0.348	0.350	0.351
18.	0.281	0.293	0.305	0.317	0.328	0.339	0.349	0.357	0.365	0.371	0.375	0.378	0.379
20.	0.298	0.311	0.325	0.338	0.351	0.363	0.375	0.385	0.393	0.401	0.406	0.409	0.410
22.	0.315	0.330	0.346	0.361	0.375	0.390	0.403	0.414	0.425	0.433	0.439	0.443	0.444
24.	0.333	0.350	0.368	0.385	0.402	0.418	0.433	0.446	0.458	0.468	0.475	0.479	0.481
26.	0.352	0.371	0.391	0.410	0.429	0.448	0.465	0.481	0.494	0.506	0.514	0.519	0.521
28.	0.371	0.392	0.414	0.436	0.456	0.479	0.499	0.517	0.533	0.546	0.556	0.562	0.564
30.	0.391	0.414	0.439	0.464	0.488	0.512	0.535	0.556	0.575	0.590	0.601	0.608	0.611
32.	0.410	0.436	0.464	0.491	0.519	0.546	0.572	0.597	0.618	0.636	0.649	0.657	0.660
34.	0.429	0.458	0.488	0.519	0.550	0.581	0.611	0.638	0.663	0.683	0.698	0.708	0.711
36.	0.448	0.479	0.512	0.546	0.581	0.615	0.649	0.680	0.708	0.731	0.748	0.759	0.763
38.	0.465	0.499	0.535	0.572	0.611	0.649	0.686	0.721	0.752	0.778	0.798	0.811	0.815
40.	0.481	0.517	0.556	0.597	0.638	0.680	0.721	0.759	0.794	0.824	0.846	0.860	0.865
42.	0.494	0.533	0.575	0.618	0.663	0.708	0.752	0.794	0.833	0.865	0.890	0.905	0.911
44.	0.506	0.546	0.590	0.636	0.683	0.731	0.778	0.824	0.865	0.900	0.927	0.944	0.950
46.	0.514	0.556	0.601	0.649	0.698	0.748	0.798	0.846	0.890	0.927	0.955	0.973	0.979
48.	0.519	0.562	0.608	0.657	0.708	0.759	0.811	0.860	0.905	0.944	0.973	0.992	0.998
50.	0.521	0.564	0.611	0.660	0.711	0.763	0.815	0.865	0.911	0.950	0.979	0.998	1.005

TWO EQUAL OPPOSING SOURCES

60 Units Apart

ROOM HEIGHT 60.0 DETECTOR HEIGHT 0. TWO SOURCES

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	0.182	0.187	0.152	0.157	0.163	0.168	0.174	0.179	0.185	0.191	0.197	0.202	0.208
2.	0.187	0.152	0.158	0.164	0.169	0.175	0.181	0.187	0.194	0.200	0.207	0.213	0.219
4.	0.152	0.158	0.164	0.170	0.176	0.183	0.189	0.196	0.203	0.210	0.217	0.224	0.232
6.	0.157	0.164	0.170	0.176	0.183	0.190	0.198	0.205	0.213	0.221	0.229	0.237	0.245
8.	0.163	0.169	0.176	0.183	0.191	0.198	0.206	0.215	0.223	0.232	0.241	0.250	0.259
10.	0.168	0.175	0.183	0.190	0.198	0.207	0.216	0.225	0.234	0.244	0.254	0.264	0.274
12.	0.174	0.181	0.189	0.198	0.206	0.216	0.225	0.235	0.246	0.256	0.268	0.279	0.291
14.	0.179	0.187	0.196	0.205	0.215	0.225	0.235	0.246	0.258	0.270	0.283	0.296	0.309
16.	0.185	0.194	0.203	0.213	0.223	0.234	0.246	0.258	0.271	0.284	0.298	0.313	0.328
18.	0.191	0.200	0.210	0.221	0.232	0.244	0.256	0.270	0.284	0.299	0.315	0.332	0.350
20.	0.197	0.207	0.217	0.229	0.241	0.254	0.268	0.283	0.298	0.315	0.333	0.352	0.372
22.	0.202	0.213	0.224	0.237	0.250	0.264	0.279	0.296	0.313	0.332	0.352	0.374	0.397
24.	0.208	0.219	0.232	0.245	0.259	0.274	0.291	0.309	0.328	0.350	0.372	0.397	0.424
26.	0.214	0.226	0.239	0.253	0.268	0.285	0.303	0.323	0.344	0.368	0.394	0.422	0.452
28.	0.219	0.232	0.246	0.261	0.277	0.295	0.315	0.336	0.360	0.387	0.415	0.447	0.482
30.	0.224	0.238	0.252	0.268	0.286	0.305	0.327	0.350	0.376	0.406	0.438	0.474	0.514
32.	0.229	0.243	0.259	0.276	0.295	0.315	0.338	0.364	0.393	0.425	0.461	0.502	0.548
34.	0.234	0.249	0.265	0.283	0.303	0.325	0.350	0.377	0.408	0.444	0.484	0.530	0.582
36.	0.238	0.254	0.271	0.290	0.311	0.334	0.360	0.390	0.424	0.462	0.506	0.557	0.617
38.	0.242	0.258	0.276	0.296	0.318	0.342	0.370	0.402	0.438	0.480	0.528	0.584	0.651
40.	0.246	0.262	0.280	0.301	0.324	0.350	0.379	0.412	0.451	0.496	0.548	0.609	0.683
42.	0.249	0.265	0.284	0.305	0.329	0.356	0.387	0.422	0.462	0.510	0.565	0.632	0.712
44.	0.251	0.268	0.287	0.309	0.333	0.361	0.393	0.429	0.471	0.521	0.580	0.651	0.736
46.	0.252	0.270	0.290	0.312	0.336	0.365	0.397	0.435	0.478	0.530	0.591	0.665	0.755
48.	0.253	0.271	0.291	0.313	0.338	0.367	0.400	0.438	0.482	0.535	0.598	0.674	0.767
50.	0.254	0.272	0.291	0.314	0.339	0.368	0.401	0.439	0.484	0.537	0.600	0.677	0.771

ROOM HEIGHT 60.0 DETECTOR HEIGHT 2.0 TWO SOURCES

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	0.144	0.149	0.154	0.159	0.164	0.170	0.176	0.181	0.187	0.193	0.199	0.205	0.210
2.	0.149	0.154	0.160	0.165	0.171	0.177	0.183	0.189	0.196	0.202	0.209	0.215	0.222
4.	0.154	0.160	0.165	0.172	0.178	0.185	0.191	0.198	0.205	0.212	0.220	0.227	0.234
6.	0.159	0.165	0.172	0.178	0.185	0.192	0.200	0.207	0.215	0.223	0.231	0.239	0.247
8.	0.164	0.171	0.178	0.185	0.193	0.200	0.209	0.217	0.226	0.234	0.243	0.252	0.262
10.	0.170	0.177	0.185	0.192	0.200	0.209	0.218	0.227	0.237	0.246	0.256	0.267	0.277
12.	0.176	0.183	0.191	0.200	0.209	0.218	0.228	0.238	0.248	0.259	0.270	0.282	0.294
14.	0.181	0.189	0.198	0.207	0.217	0.227	0.238	0.249	0.261	0.273	0.285	0.299	0.312
16.	0.187	0.196	0.205	0.215	0.226	0.237	0.248	0.261	0.274	0.287	0.301	0.316	0.332
18.	0.193	0.202	0.212	0.223	0.234	0.246	0.259	0.273	0.287	0.302	0.319	0.335	0.353
20.	0.199	0.209	0.220	0.231	0.243	0.256	0.270	0.285	0.301	0.319	0.337	0.356	0.376
22.	0.205	0.215	0.227	0.239	0.252	0.267	0.282	0.299	0.316	0.335	0.356	0.378	0.401
24.	0.210	0.222	0.234	0.247	0.262	0.277	0.294	0.312	0.332	0.353	0.376	0.401	0.427
26.	0.216	0.228	0.241	0.255	0.271	0.288	0.306	0.326	0.348	0.371	0.397	0.425	0.456
28.	0.221	0.234	0.248	0.263	0.280	0.298	0.318	0.340	0.364	0.390	0.419	0.451	0.486
30.	0.227	0.240	0.255	0.271	0.289	0.308	0.330	0.354	0.380	0.409	0.442	0.478	0.518
32.	0.232	0.246	0.262	0.279	0.298	0.319	0.342	0.367	0.396	0.428	0.465	0.505	0.551
34.	0.237	0.251	0.268	0.286	0.306	0.328	0.353	0.381	0.412	0.447	0.487	0.533	0.586
36.	0.241	0.256	0.274	0.293	0.314	0.337	0.364	0.393	0.427	0.466	0.510	0.561	0.620
38.	0.245	0.261	0.279	0.299	0.321	0.346	0.374	0.405	0.442	0.483	0.531	0.588	0.654
40.	0.248	0.265	0.283	0.304	0.327	0.353	0.382	0.416	0.455	0.499	0.551	0.613	0.686
42.	0.251	0.268	0.287	0.308	0.332	0.359	0.390	0.425	0.466	0.513	0.569	0.635	0.714
44.	0.253	0.271	0.290	0.312	0.337	0.364	0.396	0.433	0.475	0.525	0.583	0.654	0.739
46.	0.255	0.273	0.293	0.315	0.340	0.368	0.401	0.438	0.482	0.533	0.594	0.668	0.757
48.	0.256	0.274	0.294	0.316	0.342	0.370	0.403	0.442	0.486	0.539	0.601	0.677	0.769
50.	0.256	0.274	0.294	0.317	0.342	0.371	0.404	0.443	0.487	0.540	0.603	0.680	0.773

ROOM HEIGHT 60.0 DETECTOR HEIGHT 0. TWO SOURCES

X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	0.214	0.219	0.224	0.229	0.234	0.238	0.242	0.246	0.249	0.251	0.252	0.253	0.254
2.	0.226	0.232	0.238	0.243	0.249	0.254	0.258	0.262	0.265	0.268	0.270	0.271	0.272
4.	0.239	0.246	0.252	0.259	0.265	0.271	0.276	0.280	0.284	0.287	0.290	0.291	0.291
6.	0.253	0.261	0.268	0.276	0.283	0.290	0.296	0.301	0.305	0.309	0.312	0.313	0.314
8.	0.268	0.277	0.286	0.295	0.303	0.311	0.318	0.324	0.329	0.333	0.336	0.338	0.339
10.	0.285	0.295	0.305	0.315	0.325	0.334	0.342	0.350	0.356	0.361	0.365	0.367	0.368
12.	0.303	0.315	0.327	0.338	0.350	0.360	0.370	0.379	0.387	0.393	0.397	0.400	0.401
14.	0.323	0.336	0.350	0.364	0.377	0.390	0.402	0.412	0.422	0.429	0.435	0.438	0.439
16.	0.344	0.360	0.376	0.393	0.408	0.424	0.438	0.451	0.462	0.471	0.478	0.482	0.484
18.	0.368	0.387	0.406	0.425	0.444	0.462	0.480	0.496	0.510	0.521	0.530	0.535	0.537
20.	0.394	0.415	0.438	0.461	0.484	0.506	0.528	0.548	0.565	0.580	0.591	0.598	0.600
22.	0.422	0.447	0.474	0.502	0.530	0.557	0.584	0.609	0.632	0.651	0.665	0.674	0.677
24.	0.452	0.482	0.514	0.548	0.582	0.617	0.651	0.683	0.712	0.736	0.755	0.767	0.771
26.	0.485	0.521	0.559	0.600	0.642	0.686	0.729	0.771	0.809	0.842	0.867	0.884	0.889
28.	0.521	0.563	0.609	0.659	0.712	0.767	0.823	0.878	0.930	0.975	1.010	1.032	1.040
30.	0.559	0.609	0.665	0.726	0.792	0.862	0.936	1.010	1.081	1.144	1.194	1.226	1.237
32.	0.600	0.659	0.726	0.800	0.884	0.975	1.072	1.173	1.273	1.364	1.438	1.487	1.504
34.	0.642	0.712	0.792	0.884	0.988	1.107	1.237	1.378	1.521	1.657	1.771	1.847	1.875
36.	0.686	0.767	0.862	0.975	1.107	1.261	1.438	1.636	1.847	2.057	2.241	2.368	2.414
38.	0.729	0.823	0.936	1.072	1.237	1.438	1.678	1.961	2.282	2.619	2.932	3.161	3.245
40.	0.771	0.878	1.010	1.173	1.378	1.636	1.961	2.368	2.863	3.429	4.000	4.448	4.622
42.	0.809	0.930	1.081	1.273	1.521	1.847	2.282	2.863	3.636	4.622	5.747	6.740	7.154
44.	0.842	0.975	1.144	1.364	1.657	2.057	2.619	3.429	4.622	6.373	8.777	11.374	12.624
46.	0.867	1.010	1.194	1.438	1.771	2.241	2.932	4.000	5.747	8.777	14.186	22.624	28.249
48.	0.884	1.032	1.226	1.487	1.847	2.368	3.161	4.448	6.740	11.374	22.624	56.375	112.625
50.	0.889	1.040	1.237	1.504	1.875	2.414	3.245	4.622	7.154	12.624	28.249	112.625	0.125

ROOM HEIGHT 60.0 DETECTOR HEIGHT 2.0 TWO SOURCES

X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	0.216	0.221	0.227	0.232	0.237	0.241	0.245	0.248	0.251	0.253	0.255	0.256	0.256
2.	0.228	0.234	0.240	0.246	0.251	0.256	0.261	0.265	0.268	0.271	0.273	0.274	0.274
4.	0.241	0.248	0.255	0.262	0.268	0.274	0.279	0.283	0.287	0.290	0.293	0.294	0.294
6.	0.255	0.263	0.271	0.279	0.286	0.293	0.299	0.304	0.308	0.312	0.315	0.316	0.317
8.	0.271	0.280	0.289	0.298	0.306	0.314	0.321	0.327	0.332	0.337	0.340	0.342	0.342
10.	0.288	0.298	0.308	0.319	0.328	0.337	0.346	0.353	0.359	0.364	0.368	0.370	0.371
12.	0.306	0.318	0.330	0.342	0.353	0.364	0.374	0.382	0.390	0.396	0.401	0.403	0.404
14.	0.326	0.340	0.354	0.367	0.381	0.393	0.405	0.416	0.425	0.433	0.438	0.442	0.443
16.	0.348	0.364	0.380	0.396	0.412	0.427	0.442	0.455	0.466	0.475	0.482	0.486	0.487
18.	0.371	0.390	0.409	0.428	0.447	0.466	0.483	0.499	0.513	0.525	0.533	0.539	0.540
20.	0.397	0.419	0.442	0.465	0.487	0.510	0.531	0.551	0.569	0.583	0.594	0.601	0.603
22.	0.425	0.451	0.478	0.505	0.533	0.561	0.588	0.613	0.635	0.654	0.668	0.677	0.680
24.	0.456	0.486	0.518	0.551	0.586	0.620	0.654	0.686	0.714	0.739	0.757	0.769	0.773
26.	0.489	0.525	0.563	0.603	0.646	0.689	0.732	0.773	0.811	0.844	0.869	0.885	0.890
28.	0.525	0.567	0.613	0.662	0.714	0.769	0.825	0.879	0.930	0.975	1.009	1.031	1.039
30.	0.563	0.613	0.668	0.728	0.794	0.864	0.936	1.009	1.079	1.141	1.190	1.222	1.233
32.	0.603	0.662	0.728	0.802	0.885	0.975	1.071	1.170	1.268	1.357	1.430	1.477	1.494
34.	0.646	0.714	0.794	0.885	0.988	1.105	1.233	1.371	1.511	1.643	1.754	1.829	1.855
36.	0.689	0.769	0.864	0.975	1.105	1.256	1.430	1.623	1.829	2.032	2.209	2.332	2.376
38.	0.732	0.825	0.936	1.071	1.233	1.430	1.664	1.939	2.249	2.573	2.872	3.089	3.169
40.	0.773	0.879	1.009	1.170	1.371	1.623	1.939	2.332	2.806	3.343	3.879	4.296	4.457
42.	0.811	0.930	1.079	1.268	1.511	1.829	2.249	2.806	3.538	4.457	5.488	6.381	6.749
44.	0.844	0.975	1.141	1.357	1.643	2.032	2.573	3.343	4.457	6.052	8.167	10.359	11.382
46.	0.869	1.009	1.190	1.430	1.754	2.209	2.872	3.879	5.488	8.167	12.633	18.883	22.633
48.	0.885	1.031	1.222	1.477	1.829	2.332	3.089	4.296	6.381	10.359	18.883	37.633	56.384
50.	0.890	1.039	1.233	1.494	1.855	2.376	3.169	4.457	6.749	11.382	22.633	56.384	112.634

ROOM HEIGHT 60.0 DETECTOR HEIGHT 4.0 TWO SOURCES

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	0.145	0.150	0.155	0.161	0.166	0.172	0.177	0.183	0.189	0.195	0.201	0.206	0.212
2.	0.150	0.155	0.161	0.167	0.173	0.179	0.185	0.191	0.198	0.204	0.211	0.217	0.224
4.	0.155	0.161	0.167	0.173	0.180	0.186	0.193	0.200	0.207	0.214	0.222	0.229	0.236
6.	0.161	0.167	0.173	0.180	0.187	0.194	0.202	0.209	0.217	0.225	0.233	0.241	0.250
8.	0.166	0.173	0.180	0.187	0.195	0.202	0.211	0.219	0.228	0.236	0.245	0.255	0.264
10.	0.172	0.179	0.186	0.194	0.202	0.211	0.220	0.229	0.239	0.249	0.259	0.269	0.279
12.	0.177	0.185	0.193	0.202	0.211	0.220	0.230	0.240	0.250	0.261	0.273	0.284	0.296
14.	0.183	0.191	0.200	0.209	0.219	0.229	0.240	0.251	0.263	0.275	0.288	0.301	0.314
16.	0.189	0.198	0.207	0.217	0.228	0.239	0.250	0.263	0.276	0.290	0.304	0.319	0.334
18.	0.195	0.204	0.214	0.225	0.236	0.249	0.261	0.275	0.290	0.305	0.321	0.338	0.355
20.	0.201	0.211	0.222	0.233	0.245	0.259	0.273	0.288	0.304	0.321	0.339	0.358	0.378
22.	0.206	0.217	0.229	0.241	0.255	0.269	0.284	0.301	0.319	0.338	0.358	0.380	0.403
24.	0.212	0.224	0.236	0.250	0.264	0.279	0.296	0.314	0.334	0.355	0.378	0.403	0.429
26.	0.218	0.230	0.243	0.258	0.273	0.290	0.308	0.328	0.350	0.373	0.399	0.427	0.457
28.	0.224	0.236	0.250	0.266	0.282	0.300	0.320	0.342	0.366	0.392	0.421	0.453	0.487
30.	0.229	0.242	0.257	0.274	0.291	0.311	0.332	0.356	0.382	0.411	0.443	0.479	0.519
32.	0.234	0.248	0.264	0.281	0.300	0.321	0.344	0.370	0.398	0.430	0.466	0.506	0.552
34.	0.239	0.254	0.270	0.288	0.308	0.331	0.355	0.383	0.414	0.449	0.489	0.534	0.585
36.	0.243	0.259	0.276	0.295	0.316	0.340	0.366	0.396	0.429	0.467	0.511	0.561	0.619
38.	0.247	0.263	0.281	0.301	0.323	0.348	0.376	0.407	0.443	0.485	0.532	0.587	0.652
40.	0.250	0.267	0.286	0.306	0.329	0.355	0.385	0.418	0.456	0.500	0.552	0.612	0.683
42.	0.253	0.271	0.290	0.311	0.335	0.362	0.392	0.427	0.467	0.514	0.569	0.634	0.711
44.	0.256	0.273	0.293	0.314	0.339	0.367	0.398	0.435	0.476	0.525	0.583	0.652	0.735
46.	0.257	0.275	0.295	0.317	0.342	0.370	0.403	0.440	0.483	0.534	0.594	0.666	0.753
48.	0.258	0.276	0.296	0.319	0.344	0.373	0.406	0.443	0.487	0.539	0.601	0.674	0.764
50.	0.259	0.277	0.297	0.319	0.345	0.373	0.406	0.445	0.489	0.541	0.603	0.677	0.768

ROOM HEIGHT 60.0 DETECTOR HEIGHT 6.0 TWO SOURCES

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	0.146	0.151	0.156	0.162	0.167	0.173	0.179	0.184	0.190	0.196	0.202	0.208	0.214
2.	0.151	0.157	0.162	0.168	0.174	0.180	0.186	0.193	0.199	0.206	0.212	0.219	0.226
4.	0.156	0.162	0.168	0.175	0.181	0.188	0.195	0.202	0.209	0.216	0.223	0.231	0.238
6.	0.162	0.168	0.175	0.181	0.188	0.196	0.203	0.211	0.219	0.227	0.235	0.243	0.251
8.	0.167	0.174	0.181	0.188	0.196	0.204	0.212	0.221	0.229	0.238	0.247	0.257	0.266
10.	0.173	0.180	0.188	0.196	0.204	0.213	0.222	0.231	0.241	0.250	0.261	0.271	0.281
12.	0.179	0.186	0.195	0.203	0.212	0.222	0.231	0.242	0.252	0.263	0.275	0.286	0.298
14.	0.184	0.193	0.202	0.211	0.221	0.231	0.242	0.253	0.265	0.277	0.290	0.303	0.316
16.	0.190	0.199	0.209	0.219	0.229	0.241	0.252	0.265	0.278	0.291	0.306	0.320	0.336
18.	0.196	0.206	0.216	0.227	0.238	0.250	0.263	0.277	0.291	0.307	0.323	0.339	0.357
20.	0.202	0.212	0.223	0.235	0.247	0.261	0.275	0.290	0.306	0.323	0.341	0.359	0.379
22.	0.208	0.219	0.231	0.243	0.257	0.271	0.286	0.303	0.320	0.339	0.359	0.381	0.404
24.	0.214	0.226	0.238	0.251	0.266	0.281	0.298	0.316	0.336	0.357	0.379	0.404	0.430
26.	0.220	0.232	0.245	0.260	0.275	0.292	0.310	0.330	0.351	0.375	0.400	0.428	0.457
28.	0.225	0.238	0.252	0.268	0.284	0.302	0.322	0.344	0.367	0.393	0.422	0.453	0.487
30.	0.231	0.244	0.259	0.275	0.293	0.313	0.334	0.357	0.383	0.412	0.444	0.479	0.517
32.	0.236	0.250	0.266	0.283	0.302	0.323	0.346	0.371	0.399	0.431	0.466	0.505	0.549
34.	0.241	0.256	0.272	0.290	0.310	0.332	0.357	0.384	0.415	0.449	0.488	0.532	0.582
36.	0.245	0.261	0.278	0.297	0.318	0.341	0.367	0.397	0.430	0.467	0.510	0.558	0.614
38.	0.249	0.265	0.283	0.303	0.325	0.349	0.377	0.408	0.444	0.484	0.530	0.584	0.646
40.	0.252	0.269	0.288	0.308	0.331	0.357	0.386	0.419	0.456	0.499	0.549	0.608	0.676
42.	0.255	0.272	0.291	0.313	0.336	0.363	0.393	0.428	0.467	0.513	0.566	0.629	0.703
44.	0.257	0.275	0.294	0.316	0.341	0.368	0.399	0.435	0.476	0.524	0.580	0.646	0.726
46.	0.259	0.277	0.297	0.319	0.344	0.372	0.404	0.440	0.483	0.532	0.590	0.659	0.743
48.	0.260	0.278	0.298	0.320	0.346	0.374	0.406	0.444	0.487	0.537	0.597	0.668	0.754
50.	0.261	0.279	0.299	0.321	0.346	0.375	0.407	0.445	0.488	0.539	0.599	0.670	0.757

ROOM HEIGHT			60.0		DETECTOR HEIGHT			4.0	TWO SOURCES				
X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	0.218	0.224	0.229	0.234	0.239	0.243	0.247	0.250	0.253	0.256	0.257	0.258	0.259
2.	0.230	0.236	0.242	0.248	0.254	0.259	0.263	0.267	0.271	0.273	0.275	0.276	0.277
4.	0.243	0.250	0.257	0.264	0.270	0.276	0.281	0.286	0.290	0.293	0.295	0.296	0.297
6.	0.258	0.266	0.274	0.281	0.288	0.295	0.301	0.306	0.311	0.314	0.317	0.319	0.319
8.	0.273	0.282	0.291	0.300	0.308	0.316	0.323	0.329	0.335	0.339	0.342	0.344	0.345
10.	0.290	0.300	0.311	0.321	0.331	0.340	0.348	0.355	0.362	0.367	0.370	0.373	0.373
12.	0.308	0.320	0.332	0.344	0.355	0.366	0.376	0.385	0.392	0.398	0.403	0.406	0.406
14.	0.328	0.342	0.356	0.370	0.383	0.396	0.407	0.418	0.427	0.435	0.440	0.443	0.445
16.	0.350	0.366	0.382	0.398	0.414	0.429	0.443	0.456	0.467	0.476	0.483	0.487	0.489
18.	0.373	0.392	0.411	0.430	0.449	0.467	0.485	0.500	0.514	0.525	0.534	0.539	0.541
20.	0.399	0.421	0.443	0.466	0.489	0.511	0.532	0.552	0.569	0.583	0.594	0.601	0.603
22.	0.427	0.453	0.479	0.506	0.534	0.561	0.587	0.612	0.634	0.652	0.666	0.674	0.677
24.	0.457	0.487	0.519	0.552	0.585	0.619	0.652	0.683	0.711	0.735	0.753	0.764	0.768
26.	0.490	0.525	0.563	0.603	0.644	0.686	0.728	0.768	0.805	0.837	0.861	0.876	0.881
28.	0.525	0.567	0.612	0.660	0.711	0.764	0.818	0.871	0.920	0.963	0.996	1.017	1.024
30.	0.563	0.612	0.666	0.725	0.788	0.856	0.926	0.996	1.062	1.122	1.168	1.199	1.209
32.	0.603	0.660	0.725	0.797	0.876	0.963	1.055	1.149	1.242	1.326	1.394	1.438	1.454
34.	0.644	0.711	0.788	0.876	0.976	1.087	1.209	1.339	1.469	1.592	1.695	1.763	1.787
36.	0.686	0.764	0.856	0.963	1.087	1.230	1.394	1.573	1.763	1.948	2.108	2.218	2.258
38.	0.728	0.818	0.926	1.055	1.209	1.394	1.612	1.864	2.143	2.432	2.693	2.881	2.950
40.	0.768	0.871	0.996	1.149	1.339	1.573	1.864	2.218	2.636	3.098	3.547	3.889	4.018
42.	0.805	0.920	1.062	1.242	1.469	1.763	2.143	2.636	3.263	4.018	4.827	5.498	5.766
44.	0.837	0.963	1.122	1.326	1.592	1.948	2.432	3.098	4.018	5.254	6.759	8.177	8.796
46.	0.861	0.996	1.168	1.394	1.695	2.108	2.693	3.547	4.827	6.759	9.517	12.643	14.205
48.	0.876	1.017	1.199	1.438	1.763	2.218	2.881	3.889	5.498	8.177	12.643	18.893	22.643
50.	0.881	1.024	1.209	1.454	1.787	2.258	2.950	4.018	5.766	8.796	14.205	22.643	28.268

ROOM HEIGHT			60.0		DETECTOR HEIGHT			6.0	TWO SOURCES				
X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	0.220	0.225	0.231	0.236	0.241	0.245	0.249	0.252	0.255	0.257	0.259	0.260	0.261
2.	0.232	0.238	0.244	0.250	0.256	0.261	0.265	0.269	0.272	0.275	0.277	0.278	0.279
4.	0.245	0.252	0.259	0.266	0.272	0.278	0.283	0.288	0.291	0.294	0.297	0.298	0.299
6.	0.260	0.268	0.275	0.283	0.290	0.297	0.303	0.308	0.313	0.316	0.319	0.320	0.321
8.	0.275	0.284	0.293	0.302	0.310	0.318	0.325	0.331	0.336	0.341	0.344	0.346	0.346
10.	0.292	0.302	0.313	0.323	0.332	0.341	0.349	0.357	0.363	0.368	0.372	0.374	0.375
12.	0.310	0.322	0.334	0.346	0.357	0.367	0.377	0.386	0.393	0.399	0.404	0.406	0.407
14.	0.330	0.344	0.357	0.371	0.384	0.397	0.408	0.419	0.428	0.435	0.440	0.444	0.445
16.	0.351	0.367	0.383	0.399	0.415	0.430	0.444	0.456	0.467	0.476	0.483	0.487	0.488
18.	0.375	0.393	0.412	0.431	0.449	0.467	0.484	0.499	0.513	0.524	0.532	0.537	0.539
20.	0.400	0.422	0.444	0.466	0.488	0.510	0.530	0.549	0.566	0.580	0.590	0.597	0.599
22.	0.428	0.453	0.479	0.505	0.532	0.558	0.584	0.608	0.629	0.646	0.659	0.668	0.670
24.	0.457	0.487	0.517	0.549	0.582	0.614	0.646	0.676	0.703	0.726	0.743	0.754	0.757
26.	0.489	0.524	0.560	0.599	0.638	0.679	0.719	0.757	0.792	0.822	0.845	0.859	0.864
28.	0.524	0.564	0.608	0.654	0.703	0.754	0.805	0.854	0.900	0.940	0.971	0.991	0.998
30.	0.560	0.608	0.659	0.716	0.776	0.840	0.906	0.971	1.033	1.088	1.131	1.158	1.168
32.	0.599	0.654	0.716	0.784	0.859	0.940	1.026	1.113	1.198	1.274	1.335	1.375	1.389
34.	0.638	0.703	0.776	0.859	0.952	1.056	1.168	1.285	1.403	1.512	1.602	1.662	1.683
36.	0.679	0.754	0.840	0.940	1.056	1.187	1.335	1.496	1.662	1.822	1.958	2.051	2.084
38.	0.719	0.805	0.906	1.026	1.168	1.335	1.529	1.750	1.988	2.229	2.442	2.593	2.647
40.	0.757	0.854	0.971	1.113	1.285	1.496	1.750	2.051	2.396	2.764	3.109	3.363	3.458
42.	0.792	0.900	1.033	1.198	1.403	1.662	1.988	2.396	2.892	3.458	4.030	4.478	4.651
44.	0.822	0.940	1.088	1.274	1.512	1.822	2.229	2.764	3.458	4.317	5.265	6.073	6.402
46.	0.845	0.971	1.131	1.335	1.602	1.958	2.442	3.109	4.030	5.265	6.770	8.189	8.807
48.	0.859	0.991	1.158	1.375	1.662	2.051	2.593	3.363	4.478	6.073	8.189	10.381	11.404
50.	0.864	0.998	1.168	1.389	1.683	2.084	2.647	3.458	4.651	6.402	8.807	11.404	12.654

ROOM HEIGHT 60.0 DETECTOR HEIGHT 8.0 TWO SOURCES

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	0.147	0.152	0.158	0.163	0.169	0.174	0.180	0.186	0.192	0.198	0.204	0.210	0.215
2.	0.152	0.158	0.164	0.169	0.175	0.182	0.188	0.194	0.201	0.207	0.214	0.220	0.227
4.	0.158	0.164	0.170	0.176	0.182	0.189	0.196	0.203	0.210	0.217	0.225	0.232	0.239
6.	0.163	0.169	0.176	0.183	0.190	0.197	0.205	0.212	0.220	0.228	0.236	0.245	0.253
8.	0.169	0.175	0.182	0.190	0.197	0.205	0.214	0.222	0.231	0.240	0.249	0.258	0.267
10.	0.174	0.182	0.189	0.197	0.205	0.214	0.223	0.232	0.242	0.252	0.262	0.272	0.283
12.	0.180	0.188	0.196	0.205	0.214	0.223	0.233	0.243	0.254	0.265	0.276	0.288	0.299
14.	0.186	0.194	0.203	0.212	0.222	0.232	0.243	0.254	0.266	0.278	0.291	0.304	0.317
16.	0.192	0.201	0.210	0.220	0.231	0.242	0.254	0.266	0.279	0.293	0.307	0.321	0.337
18.	0.198	0.207	0.217	0.228	0.240	0.252	0.265	0.278	0.293	0.308	0.324	0.340	0.357
20.	0.204	0.214	0.225	0.236	0.249	0.262	0.276	0.291	0.307	0.324	0.341	0.360	0.380
22.	0.210	0.220	0.232	0.245	0.258	0.272	0.288	0.304	0.321	0.340	0.360	0.381	0.403
24.	0.215	0.227	0.239	0.253	0.267	0.283	0.299	0.317	0.337	0.357	0.380	0.403	0.429
26.	0.221	0.233	0.247	0.261	0.276	0.293	0.311	0.331	0.352	0.375	0.400	0.427	0.456
28.	0.227	0.240	0.254	0.269	0.286	0.303	0.323	0.344	0.368	0.393	0.421	0.451	0.484
30.	0.232	0.246	0.261	0.277	0.294	0.314	0.335	0.358	0.383	0.411	0.442	0.476	0.514
32.	0.237	0.252	0.267	0.284	0.303	0.324	0.346	0.371	0.399	0.430	0.464	0.502	0.544
34.	0.242	0.257	0.273	0.291	0.311	0.333	0.357	0.384	0.414	0.448	0.485	0.528	0.576
36.	0.246	0.262	0.279	0.298	0.319	0.342	0.368	0.396	0.429	0.465	0.506	0.553	0.607
38.	0.250	0.266	0.284	0.304	0.326	0.350	0.377	0.408	0.442	0.481	0.526	0.578	0.637
40.	0.254	0.270	0.289	0.309	0.332	0.357	0.386	0.418	0.455	0.496	0.544	0.600	0.665
42.	0.257	0.274	0.293	0.314	0.337	0.363	0.393	0.427	0.465	0.509	0.560	0.620	0.690
44.	0.259	0.276	0.296	0.317	0.341	0.368	0.399	0.434	0.474	0.520	0.574	0.637	0.712
46.	0.261	0.278	0.298	0.320	0.344	0.372	0.403	0.439	0.480	0.528	0.583	0.649	0.728
48.	0.262	0.279	0.299	0.321	0.346	0.374	0.406	0.442	0.484	0.533	0.590	0.657	0.738
50.	0.262	0.280	0.300	0.322	0.347	0.375	0.407	0.443	0.485	0.534	0.592	0.660	0.741

ROOM HEIGHT 60.0 DETECTOR HEIGHT 10.0 TWO SOURCES

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	0.148	0.153	0.159	0.164	0.170	0.175	0.181	0.187	0.193	0.199	0.205	0.211	0.217
2.	0.153	0.159	0.165	0.170	0.176	0.183	0.189	0.195	0.202	0.208	0.215	0.222	0.228
4.	0.159	0.165	0.171	0.177	0.184	0.190	0.197	0.204	0.211	0.219	0.226	0.233	0.241
6.	0.164	0.170	0.177	0.184	0.191	0.198	0.206	0.214	0.221	0.229	0.238	0.246	0.254
8.	0.170	0.176	0.184	0.191	0.199	0.207	0.215	0.223	0.232	0.241	0.250	0.259	0.268
10.	0.175	0.183	0.190	0.198	0.207	0.215	0.224	0.234	0.243	0.253	0.263	0.273	0.284
12.	0.181	0.189	0.197	0.206	0.215	0.224	0.234	0.244	0.255	0.266	0.277	0.288	0.300
14.	0.187	0.195	0.204	0.214	0.223	0.234	0.244	0.256	0.267	0.279	0.292	0.305	0.318
16.	0.193	0.202	0.211	0.221	0.232	0.243	0.255	0.267	0.280	0.294	0.307	0.322	0.337
18.	0.199	0.208	0.219	0.229	0.241	0.253	0.266	0.279	0.294	0.308	0.324	0.340	0.357
20.	0.205	0.215	0.226	0.238	0.250	0.263	0.277	0.292	0.307	0.324	0.341	0.360	0.379
22.	0.211	0.222	0.233	0.246	0.259	0.273	0.288	0.305	0.322	0.340	0.360	0.380	0.402
24.	0.217	0.228	0.241	0.254	0.268	0.284	0.300	0.318	0.337	0.357	0.379	0.402	0.427
26.	0.222	0.235	0.248	0.262	0.277	0.294	0.312	0.331	0.352	0.374	0.399	0.425	0.453
28.	0.228	0.241	0.255	0.270	0.286	0.304	0.324	0.345	0.367	0.392	0.419	0.448	0.480
30.	0.233	0.247	0.262	0.278	0.295	0.314	0.335	0.358	0.383	0.410	0.440	0.473	0.508
32.	0.238	0.253	0.268	0.285	0.304	0.324	0.346	0.371	0.398	0.428	0.461	0.497	0.538
34.	0.243	0.258	0.274	0.292	0.312	0.333	0.357	0.383	0.413	0.445	0.481	0.522	0.567
36.	0.248	0.263	0.280	0.299	0.319	0.342	0.367	0.395	0.427	0.462	0.501	0.546	0.596
38.	0.251	0.268	0.285	0.305	0.326	0.350	0.377	0.406	0.440	0.478	0.520	0.569	0.625
40.	0.255	0.271	0.290	0.310	0.332	0.357	0.385	0.416	0.452	0.492	0.538	0.590	0.651
42.	0.258	0.275	0.294	0.314	0.337	0.363	0.392	0.425	0.462	0.504	0.553	0.609	0.675
44.	0.260	0.277	0.297	0.318	0.341	0.368	0.398	0.432	0.470	0.514	0.565	0.625	0.694
46.	0.262	0.279	0.299	0.320	0.345	0.372	0.402	0.437	0.476	0.522	0.575	0.636	0.709
48.	0.263	0.280	0.300	0.322	0.346	0.374	0.405	0.440	0.480	0.526	0.580	0.644	0.718
50.	0.263	0.281	0.301	0.322	0.347	0.374	0.406	0.441	0.481	0.528	0.582	0.646	0.722

ROOM HEIGHT 60.0 DETECTOR HEIGHT 8.0 TWO SOURCES

X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	0.221	0.227	0.232	0.237	0.242	0.246	0.250	0.254	0.257	0.259	0.261	0.262	0.262
2.	0.233	0.240	0.246	0.252	0.257	0.262	0.266	0.270	0.274	0.276	0.278	0.279	0.280
4.	0.247	0.254	0.261	0.267	0.273	0.279	0.284	0.289	0.293	0.296	0.298	0.299	0.300
6.	0.261	0.269	0.277	0.284	0.291	0.298	0.304	0.309	0.314	0.317	0.320	0.321	0.322
8.	0.276	0.286	0.294	0.303	0.311	0.319	0.326	0.332	0.337	0.341	0.344	0.346	0.347
10.	0.293	0.303	0.314	0.324	0.333	0.342	0.350	0.357	0.363	0.368	0.372	0.374	0.375
12.	0.311	0.323	0.335	0.346	0.357	0.368	0.377	0.386	0.393	0.399	0.403	0.406	0.407
14.	0.331	0.344	0.358	0.371	0.384	0.396	0.408	0.418	0.427	0.434	0.439	0.442	0.443
16.	0.352	0.368	0.383	0.399	0.414	0.429	0.442	0.455	0.465	0.474	0.480	0.484	0.485
18.	0.375	0.393	0.411	0.430	0.448	0.465	0.481	0.496	0.509	0.520	0.528	0.533	0.534
20.	0.400	0.421	0.442	0.464	0.485	0.506	0.526	0.544	0.560	0.574	0.583	0.590	0.592
22.	0.427	0.451	0.476	0.502	0.528	0.553	0.578	0.600	0.620	0.637	0.649	0.657	0.660
24.	0.456	0.484	0.514	0.544	0.576	0.607	0.637	0.665	0.690	0.712	0.728	0.738	0.741
26.	0.487	0.520	0.555	0.592	0.629	0.668	0.705	0.741	0.774	0.801	0.823	0.836	0.840
28.	0.520	0.559	0.600	0.644	0.690	0.738	0.785	0.831	0.874	0.910	0.938	0.956	0.962
30.	0.555	0.600	0.649	0.702	0.759	0.818	0.879	0.938	0.994	1.043	1.082	1.106	1.115
32.	0.592	0.644	0.702	0.766	0.836	0.910	0.988	1.066	1.141	1.208	1.262	1.296	1.308
34.	0.629	0.690	0.759	0.836	0.921	1.015	1.115	1.218	1.321	1.414	1.490	1.541	1.558
36.	0.668	0.738	0.818	0.910	1.015	1.132	1.262	1.400	1.541	1.674	1.785	1.860	1.886
38.	0.705	0.785	0.879	0.988	1.115	1.262	1.429	1.614	1.809	2.000	2.166	2.280	2.321
40.	0.741	0.831	0.938	1.066	1.218	1.400	1.614	1.860	2.131	2.408	2.660	2.839	2.904
42.	0.774	0.874	0.994	1.141	1.321	1.541	1.809	2.131	2.503	2.904	3.287	3.571	3.678
44.	0.801	0.910	1.043	1.208	1.414	1.674	2.000	2.408	2.904	3.471	4.043	4.491	4.664
46.	0.823	0.938	1.082	1.262	1.490	1.785	2.166	2.660	3.287	4.043	4.852	5.522	5.790
48.	0.836	0.956	1.106	1.296	1.541	1.860	2.280	2.839	3.571	4.491	5.522	6.416	6.784
50.	0.840	0.962	1.115	1.308	1.558	1.886	2.321	2.904	3.678	4.664	5.790	6.784	7.198

ROOM HEIGHT 60.0 DETECTOR HEIGHT 10.0 TWO SOURCES

X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	0.222	0.228	0.233	0.238	0.243	0.248	0.251	0.255	0.258	0.260	0.262	0.263	0.263
2.	0.235	0.241	0.247	0.253	0.258	0.263	0.268	0.271	0.275	0.277	0.279	0.280	0.281
4.	0.248	0.255	0.262	0.268	0.274	0.280	0.285	0.290	0.294	0.297	0.299	0.300	0.301
6.	0.262	0.270	0.278	0.285	0.292	0.299	0.305	0.310	0.314	0.318	0.320	0.322	0.322
8.	0.277	0.286	0.295	0.304	0.312	0.319	0.326	0.332	0.337	0.341	0.345	0.346	0.347
10.	0.294	0.304	0.314	0.324	0.333	0.342	0.350	0.357	0.363	0.368	0.372	0.374	0.374
12.	0.312	0.324	0.335	0.346	0.357	0.367	0.377	0.385	0.392	0.398	0.402	0.405	0.406
14.	0.331	0.345	0.358	0.371	0.383	0.395	0.406	0.416	0.425	0.432	0.437	0.440	0.441
16.	0.352	0.367	0.383	0.398	0.413	0.427	0.440	0.452	0.462	0.470	0.476	0.480	0.481
18.	0.374	0.392	0.410	0.428	0.445	0.462	0.478	0.492	0.504	0.514	0.522	0.526	0.528
20.	0.399	0.419	0.440	0.461	0.481	0.501	0.520	0.538	0.553	0.565	0.575	0.580	0.582
22.	0.425	0.448	0.473	0.497	0.522	0.546	0.569	0.590	0.609	0.625	0.636	0.644	0.646
24.	0.453	0.483	0.508	0.538	0.567	0.596	0.625	0.651	0.675	0.694	0.709	0.718	0.722
26.	0.483	0.514	0.548	0.582	0.618	0.654	0.689	0.722	0.751	0.777	0.796	0.808	0.812
28.	0.514	0.551	0.590	0.632	0.675	0.718	0.762	0.804	0.842	0.875	0.900	0.916	0.921
30.	0.548	0.590	0.636	0.686	0.738	0.792	0.847	0.900	0.950	0.993	1.026	1.048	1.055
32.	0.582	0.632	0.686	0.745	0.808	0.875	0.944	1.013	1.078	1.136	1.181	1.211	1.221
34.	0.618	0.675	0.738	0.808	0.885	0.968	1.055	1.144	1.231	1.309	1.372	1.413	1.427
36.	0.654	0.718	0.792	0.875	0.968	1.070	1.181	1.297	1.413	1.520	1.608	1.667	1.687
38.	0.689	0.762	0.847	0.944	1.055	1.181	1.321	1.472	1.627	1.775	1.900	1.984	2.014
40.	0.722	0.804	0.900	1.013	1.144	1.297	1.472	1.667	1.873	2.077	2.255	2.379	2.423
42.	0.751	0.842	0.950	1.078	1.231	1.413	1.627	1.873	2.145	2.423	2.674	2.854	2.919
44.	0.777	0.875	0.993	1.136	1.309	1.520	1.775	2.077	2.423	2.791	3.137	3.391	3.486
46.	0.796	0.900	1.026	1.181	1.372	1.608	1.900	2.255	2.674	3.137	3.587	3.929	4.058
48.	0.808	0.916	1.048	1.211	1.413	1.667	1.984	2.379	2.854	3.391	3.929	4.346	4.507
50.	0.812	0.921	1.055	1.221	1.427	1.687	2.014	2.423	2.919	3.486	4.058	4.507	4.680

ROOM HEIGHT 60.0 DETECTOR HEIGHT 12.0 TWO SOURCES

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	0.149	0.154	0.160	0.165	0.171	0.176	0.182	0.188	0.194	0.200	0.206	0.212	0.218
2.	0.154	0.160	0.166	0.171	0.177	0.184	0.190	0.196	0.203	0.210	0.216	0.223	0.229
4.	0.160	0.166	0.172	0.178	0.185	0.191	0.198	0.205	0.212	0.220	0.227	0.234	0.242
6.	0.165	0.171	0.178	0.185	0.192	0.199	0.207	0.215	0.222	0.230	0.239	0.247	0.255
8.	0.171	0.177	0.185	0.192	0.200	0.208	0.216	0.224	0.233	0.242	0.251	0.260	0.269
10.	0.176	0.184	0.191	0.199	0.208	0.216	0.225	0.235	0.244	0.254	0.264	0.274	0.284
12.	0.182	0.190	0.198	0.207	0.216	0.225	0.235	0.245	0.256	0.267	0.278	0.289	0.300
14.	0.188	0.196	0.205	0.215	0.224	0.235	0.245	0.256	0.268	0.280	0.292	0.305	0.318
16.	0.194	0.203	0.212	0.222	0.233	0.244	0.256	0.268	0.281	0.294	0.308	0.322	0.337
18.	0.200	0.210	0.220	0.230	0.242	0.254	0.267	0.280	0.294	0.309	0.324	0.340	0.356
20.	0.206	0.216	0.227	0.239	0.251	0.264	0.278	0.292	0.308	0.324	0.341	0.359	0.378
22.	0.212	0.223	0.234	0.247	0.260	0.274	0.289	0.305	0.322	0.340	0.359	0.379	0.400
24.	0.218	0.229	0.242	0.255	0.269	0.284	0.300	0.318	0.337	0.356	0.378	0.400	0.424
26.	0.223	0.236	0.249	0.263	0.278	0.294	0.312	0.331	0.351	0.373	0.397	0.422	0.449
28.	0.229	0.242	0.256	0.271	0.287	0.305	0.324	0.344	0.366	0.390	0.417	0.445	0.475
30.	0.234	0.248	0.263	0.278	0.296	0.314	0.335	0.357	0.381	0.408	0.436	0.468	0.502
32.	0.239	0.254	0.269	0.286	0.304	0.324	0.346	0.370	0.396	0.425	0.456	0.491	0.530
34.	0.244	0.259	0.275	0.293	0.312	0.333	0.356	0.382	0.410	0.442	0.476	0.515	0.557
36.	0.248	0.264	0.281	0.299	0.319	0.342	0.366	0.394	0.424	0.458	0.495	0.537	0.585
38.	0.252	0.268	0.286	0.305	0.326	0.350	0.375	0.404	0.436	0.473	0.513	0.559	0.611
40.	0.256	0.272	0.290	0.310	0.332	0.356	0.384	0.414	0.448	0.486	0.530	0.579	0.635
42.	0.259	0.275	0.294	0.314	0.337	0.362	0.390	0.422	0.458	0.498	0.544	0.596	0.657
44.	0.261	0.278	0.297	0.318	0.341	0.367	0.396	0.429	0.466	0.508	0.556	0.611	0.675
46.	0.263	0.280	0.299	0.320	0.344	0.370	0.400	0.434	0.471	0.515	0.564	0.622	0.688
48.	0.264	0.281	0.300	0.322	0.346	0.373	0.403	0.436	0.475	0.519	0.570	0.628	0.697
50.	0.264	0.281	0.301	0.322	0.346	0.373	0.403	0.437	0.476	0.520	0.571	0.631	0.700

ROOM HEIGHT 60.0 DETECTOR HEIGHT 14.0 TWO SOURCES

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	0.150	0.155	0.160	0.166	0.171	0.177	0.183	0.189	0.195	0.201	0.207	0.213	0.218
2.	0.155	0.161	0.166	0.172	0.178	0.185	0.191	0.197	0.204	0.210	0.217	0.223	0.230
4.	0.160	0.166	0.173	0.179	0.185	0.192	0.199	0.206	0.213	0.221	0.228	0.235	0.242
6.	0.166	0.172	0.179	0.186	0.193	0.200	0.208	0.215	0.223	0.231	0.239	0.247	0.255
8.	0.171	0.178	0.185	0.193	0.201	0.209	0.217	0.225	0.234	0.243	0.251	0.260	0.269
10.	0.177	0.185	0.192	0.200	0.209	0.217	0.226	0.235	0.245	0.255	0.264	0.274	0.284
12.	0.183	0.191	0.199	0.208	0.217	0.226	0.236	0.246	0.256	0.267	0.278	0.289	0.301
14.	0.189	0.197	0.206	0.215	0.225	0.235	0.246	0.257	0.268	0.280	0.292	0.305	0.318
16.	0.195	0.204	0.213	0.223	0.234	0.245	0.256	0.268	0.281	0.294	0.308	0.322	0.336
18.	0.201	0.210	0.221	0.231	0.243	0.255	0.267	0.280	0.294	0.309	0.324	0.339	0.355
20.	0.207	0.217	0.228	0.239	0.251	0.264	0.278	0.292	0.308	0.324	0.340	0.358	0.376
22.	0.213	0.223	0.235	0.247	0.260	0.274	0.289	0.305	0.322	0.339	0.358	0.377	0.398
24.	0.218	0.230	0.242	0.255	0.269	0.284	0.301	0.318	0.336	0.355	0.376	0.398	0.420
26.	0.224	0.236	0.249	0.263	0.278	0.295	0.312	0.330	0.350	0.372	0.394	0.419	0.444
28.	0.230	0.243	0.256	0.271	0.287	0.305	0.323	0.343	0.365	0.388	0.413	0.440	0.469
30.	0.235	0.249	0.263	0.279	0.296	0.314	0.334	0.356	0.379	0.405	0.433	0.462	0.495
32.	0.240	0.254	0.269	0.286	0.304	0.324	0.345	0.368	0.394	0.421	0.452	0.485	0.521
34.	0.245	0.260	0.276	0.293	0.312	0.333	0.355	0.380	0.407	0.437	0.470	0.507	0.547
36.	0.249	0.264	0.281	0.299	0.319	0.341	0.365	0.391	0.420	0.453	0.488	0.528	0.572
38.	0.253	0.269	0.286	0.305	0.326	0.349	0.374	0.402	0.433	0.467	0.505	0.548	0.596
40.	0.256	0.273	0.290	0.310	0.332	0.355	0.382	0.411	0.443	0.480	0.521	0.567	0.619
42.	0.259	0.276	0.294	0.314	0.336	0.361	0.388	0.419	0.453	0.491	0.534	0.583	0.638
44.	0.261	0.278	0.297	0.318	0.340	0.366	0.394	0.425	0.460	0.500	0.545	0.596	0.655
46.	0.263	0.280	0.299	0.320	0.343	0.369	0.398	0.430	0.466	0.507	0.553	0.606	0.667
48.	0.264	0.281	0.301	0.322	0.345	0.371	0.400	0.433	0.469	0.511	0.558	0.612	0.675
50.	0.264	0.282	0.301	0.322	0.346	0.372	0.401	0.433	0.470	0.512	0.560	0.614	0.677

ROOM HEIGHT 60.0 DETECTOR HEIGHT 12.0 TWO SOURCES

X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	0.223	0.229	0.234	0.239	0.244	0.248	0.252	0.256	0.259	0.261	0.263	0.264	0.264
2.	0.236	0.242	0.248	0.254	0.259	0.264	0.268	0.272	0.275	0.278	0.280	0.281	0.281
4.	0.249	0.256	0.263	0.269	0.275	0.281	0.286	0.290	0.294	0.297	0.299	0.300	0.301
6.	0.263	0.271	0.278	0.286	0.293	0.299	0.305	0.310	0.314	0.318	0.320	0.322	0.322
8.	0.278	0.287	0.296	0.304	0.312	0.319	0.326	0.332	0.337	0.341	0.344	0.346	0.346
10.	0.294	0.305	0.314	0.324	0.333	0.342	0.350	0.356	0.362	0.367	0.370	0.373	0.373
12.	0.312	0.324	0.335	0.346	0.356	0.366	0.375	0.384	0.390	0.396	0.400	0.403	0.403
14.	0.331	0.344	0.357	0.370	0.382	0.394	0.404	0.414	0.422	0.429	0.434	0.436	0.437
16.	0.351	0.366	0.381	0.396	0.410	0.424	0.436	0.448	0.458	0.466	0.471	0.475	0.476
18.	0.373	0.390	0.408	0.425	0.442	0.458	0.473	0.486	0.498	0.508	0.515	0.519	0.520
20.	0.397	0.417	0.436	0.456	0.476	0.495	0.513	0.530	0.544	0.556	0.564	0.570	0.571
22.	0.422	0.445	0.468	0.491	0.515	0.537	0.559	0.579	0.596	0.611	0.622	0.628	0.631
24.	0.449	0.475	0.502	0.530	0.557	0.585	0.611	0.635	0.657	0.675	0.688	0.697	0.700
26.	0.477	0.508	0.539	0.571	0.605	0.638	0.670	0.700	0.727	0.750	0.767	0.778	0.781
28.	0.508	0.542	0.579	0.617	0.657	0.697	0.736	0.774	0.808	0.837	0.859	0.873	0.878
30.	0.539	0.579	0.622	0.667	0.715	0.763	0.812	0.859	0.903	0.940	0.969	0.987	0.994
32.	0.571	0.617	0.667	0.721	0.778	0.837	0.898	0.957	1.013	1.062	1.100	1.124	1.133
34.	0.605	0.657	0.715	0.778	0.846	0.918	0.994	1.069	1.141	1.205	1.256	1.289	1.301
36.	0.638	0.697	0.763	0.837	0.918	1.006	1.100	1.196	1.289	1.374	1.443	1.488	1.504
38.	0.670	0.736	0.812	0.898	0.994	1.100	1.215	1.336	1.458	1.570	1.663	1.725	1.746
40.	0.700	0.774	0.859	0.957	1.069	1.196	1.336	1.488	1.643	1.792	1.917	2.001	2.031
42.	0.727	0.808	0.903	1.013	1.141	1.289	1.458	1.643	1.839	2.031	2.198	2.312	2.353
44.	0.750	0.837	0.940	1.062	1.205	1.374	1.570	1.792	2.031	2.273	2.487	2.638	2.692
46.	0.767	0.859	0.969	1.100	1.256	1.443	1.663	1.917	2.198	2.487	2.749	2.938	3.006
48.	0.778	0.873	0.987	1.124	1.289	1.488	1.725	2.001	2.312	2.638	2.938	3.155	3.236
50.	0.781	0.878	0.994	1.133	1.301	1.504	1.746	2.031	2.353	2.692	3.006	3.236	3.320

ROOM HEIGHT 60.0 DETECTOR HEIGHT 14.0 TWO SOURCES

X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	0.224	0.230	0.235	0.240	0.245	0.249	0.253	0.256	0.259	0.261	0.263	0.264	0.264
2.	0.236	0.243	0.249	0.254	0.260	0.264	0.269	0.273	0.276	0.278	0.280	0.281	0.282
4.	0.249	0.256	0.263	0.269	0.276	0.281	0.286	0.290	0.294	0.297	0.299	0.301	0.301
6.	0.263	0.271	0.279	0.286	0.293	0.299	0.305	0.310	0.314	0.318	0.320	0.322	0.322
8.	0.278	0.287	0.296	0.304	0.312	0.319	0.326	0.332	0.336	0.340	0.343	0.345	0.346
10.	0.295	0.305	0.314	0.324	0.333	0.341	0.349	0.355	0.361	0.366	0.369	0.371	0.372
12.	0.312	0.323	0.334	0.345	0.355	0.365	0.374	0.382	0.388	0.394	0.398	0.400	0.401
14.	0.330	0.343	0.356	0.368	0.380	0.391	0.402	0.411	0.419	0.425	0.430	0.433	0.433
16.	0.350	0.365	0.379	0.394	0.407	0.420	0.433	0.443	0.453	0.460	0.466	0.469	0.470
18.	0.372	0.388	0.405	0.421	0.437	0.453	0.467	0.480	0.491	0.500	0.507	0.511	0.512
20.	0.396	0.413	0.433	0.452	0.470	0.488	0.505	0.521	0.534	0.545	0.553	0.558	0.560
22.	0.419	0.440	0.462	0.485	0.507	0.528	0.548	0.567	0.583	0.596	0.606	0.612	0.614
24.	0.444	0.469	0.495	0.521	0.547	0.572	0.596	0.619	0.638	0.655	0.667	0.675	0.677
26.	0.472	0.500	0.529	0.560	0.590	0.621	0.650	0.677	0.702	0.722	0.737	0.747	0.750
28.	0.500	0.533	0.567	0.602	0.638	0.675	0.710	0.744	0.774	0.799	0.819	0.831	0.835
30.	0.529	0.567	0.606	0.648	0.691	0.734	0.777	0.819	0.856	0.888	0.913	0.929	0.934
32.	0.560	0.602	0.648	0.696	0.747	0.799	0.852	0.903	0.950	0.991	1.023	1.043	1.050
34.	0.590	0.638	0.691	0.747	0.807	0.870	0.934	0.997	1.057	1.109	1.150	1.176	1.185
36.	0.621	0.675	0.734	0.799	0.870	0.945	1.023	1.101	1.176	1.243	1.296	1.331	1.343
38.	0.650	0.710	0.777	0.852	0.934	1.023	1.117	1.213	1.307	1.393	1.462	1.507	1.523
40.	0.677	0.744	0.819	0.903	0.997	1.101	1.213	1.331	1.447	1.555	1.644	1.703	1.723
42.	0.702	0.774	0.856	0.950	1.057	1.176	1.307	1.447	1.589	1.723	1.835	1.911	1.937
44.	0.722	0.799	0.888	0.991	1.109	1.243	1.393	1.555	1.723	1.885	2.022	2.115	2.149
46.	0.737	0.819	0.913	1.023	1.150	1.296	1.462	1.644	1.835	2.022	2.183	2.294	2.334
48.	0.747	0.831	0.929	1.043	1.176	1.331	1.507	1.703	1.911	2.115	2.294	2.418	2.462
50.	0.750	0.835	0.934	1.050	1.185	1.343	1.523	1.723	1.937	2.149	2.334	2.462	2.509

ROOM HEIGHT 60.0 DETECTOR HEIGHT 16.0 TWO SOURCES

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	0.150	0.156	0.161	0.167	0.172	0.178	0.184	0.190	0.196	0.201	0.207	0.213	0.219
2.	0.156	0.161	0.167	0.173	0.179	0.185	0.192	0.198	0.204	0.211	0.218	0.224	0.231
4.	0.161	0.167	0.173	0.180	0.186	0.193	0.200	0.207	0.214	0.221	0.228	0.236	0.243
6.	0.167	0.173	0.180	0.186	0.194	0.201	0.208	0.216	0.224	0.232	0.240	0.248	0.256
8.	0.172	0.179	0.186	0.194	0.201	0.209	0.217	0.226	0.234	0.243	0.252	0.261	0.270
10.	0.178	0.185	0.193	0.201	0.209	0.218	0.227	0.236	0.245	0.255	0.265	0.275	0.285
12.	0.184	0.192	0.200	0.208	0.217	0.227	0.236	0.246	0.257	0.267	0.278	0.289	0.300
14.	0.190	0.198	0.207	0.216	0.226	0.236	0.246	0.257	0.269	0.280	0.292	0.305	0.317
16.	0.196	0.204	0.214	0.224	0.234	0.245	0.257	0.269	0.281	0.294	0.307	0.321	0.335
18.	0.201	0.211	0.221	0.232	0.243	0.255	0.267	0.280	0.294	0.308	0.323	0.338	0.354
20.	0.207	0.218	0.228	0.240	0.252	0.265	0.278	0.292	0.307	0.323	0.339	0.356	0.374
22.	0.213	0.224	0.236	0.248	0.261	0.275	0.289	0.305	0.321	0.338	0.356	0.375	0.395
24.	0.219	0.231	0.243	0.256	0.270	0.285	0.300	0.317	0.335	0.354	0.374	0.395	0.417
26.	0.225	0.237	0.250	0.264	0.279	0.294	0.311	0.330	0.349	0.370	0.392	0.415	0.440
28.	0.230	0.243	0.257	0.271	0.287	0.304	0.323	0.342	0.363	0.386	0.410	0.436	0.463
30.	0.236	0.249	0.263	0.279	0.296	0.314	0.333	0.354	0.377	0.402	0.428	0.457	0.487
32.	0.241	0.255	0.270	0.286	0.304	0.323	0.344	0.366	0.391	0.418	0.446	0.478	0.512
34.	0.245	0.260	0.276	0.293	0.311	0.332	0.354	0.378	0.404	0.433	0.464	0.498	0.536
36.	0.250	0.265	0.281	0.299	0.319	0.340	0.363	0.389	0.417	0.447	0.481	0.518	0.559
38.	0.253	0.269	0.286	0.305	0.325	0.347	0.372	0.399	0.428	0.461	0.497	0.537	0.581
40.	0.257	0.273	0.290	0.310	0.331	0.354	0.379	0.407	0.439	0.473	0.512	0.554	0.602
42.	0.260	0.276	0.294	0.314	0.335	0.359	0.386	0.415	0.447	0.484	0.524	0.569	0.620
44.	0.262	0.279	0.297	0.317	0.339	0.364	0.391	0.421	0.455	0.492	0.534	0.581	0.635
46.	0.263	0.280	0.299	0.320	0.342	0.367	0.395	0.426	0.460	0.498	0.542	0.591	0.646
48.	0.264	0.282	0.300	0.321	0.344	0.369	0.397	0.428	0.463	0.502	0.546	0.596	0.653
50.	0.265	0.282	0.301	0.322	0.344	0.370	0.398	0.429	0.464	0.504	0.548	0.598	0.655

ROOM HEIGHT 60.0 DETECTOR HEIGHT 18.0 TWO SOURCES

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	0.151	0.156	0.162	0.167	0.173	0.178	0.184	0.190	0.196	0.202	0.208	0.214	0.220
2.	0.156	0.162	0.168	0.174	0.180	0.186	0.192	0.199	0.205	0.212	0.218	0.225	0.231
4.	0.162	0.168	0.174	0.180	0.187	0.194	0.200	0.207	0.214	0.222	0.229	0.236	0.243
6.	0.167	0.174	0.180	0.187	0.194	0.201	0.209	0.217	0.224	0.232	0.240	0.248	0.256
8.	0.173	0.180	0.187	0.194	0.202	0.210	0.218	0.226	0.235	0.243	0.252	0.261	0.270
10.	0.178	0.186	0.194	0.201	0.210	0.218	0.227	0.236	0.246	0.255	0.265	0.275	0.284
12.	0.184	0.192	0.200	0.209	0.218	0.227	0.237	0.247	0.257	0.268	0.278	0.289	0.300
14.	0.190	0.199	0.207	0.217	0.226	0.236	0.247	0.258	0.269	0.280	0.292	0.304	0.316
16.	0.196	0.205	0.214	0.224	0.235	0.246	0.257	0.269	0.281	0.294	0.307	0.320	0.334
18.	0.202	0.212	0.222	0.232	0.243	0.255	0.268	0.280	0.294	0.308	0.322	0.337	0.352
20.	0.208	0.218	0.229	0.240	0.252	0.265	0.278	0.292	0.307	0.322	0.338	0.355	0.372
22.	0.214	0.225	0.236	0.248	0.261	0.275	0.289	0.304	0.320	0.337	0.355	0.373	0.392
24.	0.220	0.231	0.243	0.256	0.270	0.284	0.300	0.316	0.334	0.352	0.372	0.392	0.413
26.	0.225	0.237	0.250	0.264	0.279	0.294	0.311	0.329	0.348	0.368	0.389	0.411	0.435
28.	0.231	0.243	0.257	0.272	0.287	0.304	0.322	0.341	0.361	0.383	0.406	0.431	0.457
30.	0.236	0.249	0.264	0.279	0.295	0.313	0.332	0.353	0.375	0.399	0.424	0.451	0.480
32.	0.241	0.255	0.270	0.286	0.303	0.322	0.343	0.364	0.388	0.414	0.441	0.471	0.503
34.	0.246	0.260	0.276	0.293	0.311	0.331	0.352	0.376	0.401	0.428	0.458	0.490	0.525
36.	0.250	0.265	0.281	0.299	0.318	0.339	0.361	0.386	0.413	0.442	0.474	0.509	0.547
38.	0.254	0.269	0.286	0.304	0.324	0.346	0.370	0.396	0.424	0.455	0.489	0.527	0.568
40.	0.257	0.273	0.290	0.309	0.330	0.352	0.377	0.404	0.434	0.467	0.503	0.542	0.586
42.	0.260	0.276	0.294	0.313	0.334	0.358	0.383	0.411	0.442	0.476	0.514	0.556	0.603
44.	0.262	0.279	0.297	0.316	0.338	0.362	0.388	0.417	0.449	0.484	0.524	0.568	0.616
46.	0.264	0.280	0.299	0.319	0.341	0.365	0.392	0.421	0.454	0.490	0.531	0.576	0.626
48.	0.265	0.281	0.300	0.320	0.343	0.367	0.394	0.424	0.457	0.494	0.535	0.581	0.632
50.	0.265	0.282	0.300	0.321	0.343	0.368	0.395	0.425	0.458	0.495	0.537	0.583	0.634

ROOM HEIGHT 60.0 DETECTOR HEIGHT 16.0 TWO SOURCES

X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	0.225	0.230	0.236	0.241	0.245	0.250	0.253	0.257	0.260	0.262	0.263	0.264	0.265
2.	0.237	0.243	0.249	0.255	0.260	0.265	0.269	0.273	0.276	0.279	0.280	0.282	0.282
4.	0.250	0.257	0.263	0.270	0.276	0.281	0.286	0.290	0.294	0.297	0.299	0.300	0.301
6.	0.264	0.271	0.279	0.286	0.293	0.299	0.305	0.310	0.314	0.317	0.320	0.321	0.322
8.	0.279	0.287	0.296	0.304	0.311	0.319	0.325	0.331	0.335	0.339	0.342	0.344	0.344
10.	0.294	0.304	0.314	0.323	0.332	0.340	0.347	0.354	0.359	0.364	0.367	0.369	0.370
12.	0.311	0.323	0.333	0.344	0.354	0.363	0.372	0.379	0.386	0.391	0.395	0.397	0.398
14.	0.330	0.342	0.354	0.366	0.378	0.389	0.399	0.407	0.415	0.421	0.426	0.428	0.429
16.	0.349	0.363	0.377	0.391	0.404	0.417	0.428	0.439	0.447	0.455	0.460	0.463	0.464
18.	0.370	0.386	0.402	0.418	0.433	0.447	0.461	0.473	0.484	0.492	0.498	0.502	0.504
20.	0.392	0.410	0.428	0.446	0.464	0.481	0.497	0.512	0.524	0.534	0.542	0.546	0.548
22.	0.415	0.436	0.457	0.478	0.498	0.518	0.537	0.554	0.569	0.581	0.591	0.596	0.598
24.	0.440	0.463	0.487	0.512	0.536	0.559	0.581	0.602	0.620	0.635	0.646	0.653	0.655
26.	0.465	0.492	0.520	0.548	0.576	0.604	0.630	0.655	0.677	0.695	0.709	0.717	0.720
28.	0.492	0.523	0.554	0.587	0.620	0.653	0.685	0.714	0.741	0.763	0.780	0.790	0.794
30.	0.520	0.554	0.591	0.628	0.667	0.706	0.744	0.780	0.812	0.840	0.861	0.874	0.879
32.	0.548	0.587	0.628	0.672	0.717	0.763	0.809	0.852	0.892	0.927	0.953	0.969	0.975
34.	0.576	0.620	0.667	0.717	0.770	0.824	0.879	0.932	0.981	1.023	1.056	1.077	1.084
36.	0.604	0.653	0.706	0.763	0.824	0.888	0.953	1.017	1.077	1.130	1.171	1.198	1.207
38.	0.630	0.685	0.744	0.809	0.879	0.953	1.030	1.106	1.180	1.245	1.296	1.330	1.341
40.	0.655	0.714	0.780	0.852	0.932	1.017	1.106	1.198	1.286	1.365	1.429	1.471	1.485
42.	0.677	0.741	0.812	0.892	0.981	1.077	1.180	1.286	1.390	1.485	1.562	1.613	1.631
44.	0.695	0.763	0.840	0.927	1.023	1.130	1.245	1.365	1.485	1.596	1.687	1.748	1.769
46.	0.709	0.780	0.861	0.953	1.056	1.171	1.296	1.429	1.562	1.687	1.791	1.860	1.885
48.	0.717	0.790	0.874	0.969	1.077	1.198	1.330	1.471	1.613	1.748	1.860	1.936	1.963
50.	0.720	0.794	0.879	0.975	1.084	1.207	1.341	1.485	1.631	1.769	1.885	1.963	1.990

ROOM HEIGHT 60.0 DETECTOR HEIGHT 18.0 TWO SOURCES

X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	0.225	0.231	0.236	0.241	0.246	0.250	0.254	0.257	0.260	0.262	0.264	0.265	0.265
2.	0.237	0.243	0.249	0.255	0.260	0.265	0.269	0.273	0.276	0.279	0.280	0.281	0.282
4.	0.250	0.257	0.264	0.270	0.276	0.281	0.286	0.290	0.294	0.297	0.299	0.300	0.300
6.	0.264	0.272	0.279	0.286	0.293	0.299	0.304	0.309	0.313	0.316	0.319	0.320	0.321
8.	0.279	0.287	0.295	0.303	0.311	0.318	0.324	0.330	0.334	0.338	0.341	0.343	0.343
10.	0.294	0.304	0.313	0.322	0.331	0.339	0.346	0.352	0.358	0.362	0.365	0.367	0.368
12.	0.311	0.322	0.332	0.343	0.352	0.361	0.370	0.377	0.383	0.388	0.392	0.394	0.395
14.	0.329	0.341	0.353	0.364	0.376	0.386	0.396	0.404	0.411	0.417	0.421	0.424	0.425
16.	0.348	0.361	0.375	0.388	0.401	0.413	0.424	0.434	0.442	0.449	0.454	0.457	0.458
18.	0.368	0.383	0.399	0.414	0.428	0.442	0.455	0.467	0.476	0.484	0.490	0.494	0.495
20.	0.389	0.406	0.424	0.441	0.458	0.474	0.489	0.503	0.514	0.524	0.531	0.535	0.537
22.	0.411	0.431	0.451	0.471	0.490	0.509	0.527	0.542	0.556	0.568	0.576	0.581	0.583
24.	0.435	0.457	0.480	0.503	0.525	0.547	0.568	0.586	0.603	0.616	0.626	0.632	0.634
26.	0.459	0.484	0.510	0.537	0.563	0.588	0.612	0.634	0.654	0.670	0.682	0.690	0.692
28.	0.484	0.513	0.542	0.572	0.603	0.632	0.661	0.687	0.711	0.730	0.745	0.754	0.757
30.	0.510	0.542	0.576	0.610	0.645	0.680	0.713	0.745	0.773	0.797	0.815	0.826	0.829
32.	0.537	0.572	0.610	0.650	0.690	0.730	0.770	0.807	0.841	0.870	0.892	0.905	0.910
34.	0.563	0.603	0.645	0.690	0.736	0.783	0.829	0.874	0.915	0.949	0.976	0.993	0.999
36.	0.588	0.632	0.680	0.730	0.783	0.837	0.892	0.944	0.993	1.035	1.067	1.088	1.095
38.	0.612	0.661	0.713	0.770	0.829	0.892	0.955	1.016	1.074	1.124	1.164	1.189	1.197
40.	0.634	0.687	0.745	0.807	0.874	0.944	1.016	1.088	1.156	1.215	1.262	1.292	1.303
42.	0.654	0.711	0.773	0.841	0.915	0.993	1.074	1.156	1.233	1.303	1.358	1.394	1.406
44.	0.670	0.730	0.797	0.870	0.949	1.035	1.124	1.215	1.303	1.381	1.445	1.486	1.500
46.	0.682	0.745	0.815	0.892	0.976	1.067	1.164	1.262	1.358	1.445	1.515	1.560	1.576
48.	0.690	0.754	0.826	0.905	0.993	1.088	1.189	1.292	1.394	1.486	1.560	1.609	1.626
50.	0.692	0.757	0.829	0.910	0.999	1.095	1.197	1.303	1.406	1.500	1.576	1.626	1.644

ROOM HEIGHT 60.0 DETECTOR HEIGHT 20.0 TWO SOURCES

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	0.152	0.157	0.162	0.168	0.173	0.179	0.185	0.191	0.197	0.203	0.208	0.214	0.220
2.	0.157	0.162	0.168	0.174	0.180	0.186	0.193	0.199	0.206	0.212	0.219	0.225	0.231
4.	0.162	0.168	0.174	0.181	0.187	0.194	0.201	0.208	0.215	0.222	0.229	0.236	0.243
6.	0.168	0.174	0.181	0.188	0.195	0.202	0.209	0.217	0.225	0.233	0.241	0.248	0.256
8.	0.173	0.180	0.187	0.195	0.202	0.210	0.218	0.227	0.235	0.244	0.252	0.261	0.270
10.	0.179	0.186	0.194	0.202	0.210	0.219	0.228	0.237	0.246	0.255	0.265	0.275	0.284
12.	0.185	0.193	0.201	0.209	0.218	0.228	0.237	0.247	0.257	0.268	0.278	0.289	0.300
14.	0.191	0.199	0.208	0.217	0.227	0.237	0.247	0.258	0.269	0.280	0.292	0.304	0.316
16.	0.197	0.206	0.215	0.225	0.235	0.246	0.257	0.269	0.281	0.293	0.306	0.319	0.333
18.	0.203	0.212	0.222	0.233	0.244	0.255	0.268	0.280	0.293	0.307	0.321	0.336	0.351
20.	0.208	0.219	0.229	0.241	0.252	0.265	0.278	0.292	0.306	0.321	0.337	0.353	0.369
22.	0.214	0.225	0.236	0.248	0.261	0.275	0.289	0.304	0.319	0.336	0.353	0.371	0.389
24.	0.220	0.231	0.243	0.256	0.270	0.284	0.300	0.316	0.333	0.351	0.369	0.389	0.409
26.	0.226	0.238	0.250	0.264	0.278	0.294	0.310	0.328	0.346	0.366	0.386	0.408	0.430
28.	0.231	0.244	0.257	0.272	0.287	0.303	0.321	0.340	0.359	0.381	0.403	0.427	0.452
30.	0.236	0.250	0.264	0.279	0.295	0.312	0.331	0.351	0.373	0.396	0.420	0.446	0.473
32.	0.241	0.255	0.270	0.286	0.303	0.321	0.341	0.363	0.385	0.410	0.436	0.465	0.495
34.	0.246	0.260	0.276	0.292	0.310	0.330	0.351	0.373	0.398	0.424	0.452	0.483	0.516
36.	0.250	0.265	0.281	0.298	0.317	0.337	0.359	0.383	0.409	0.437	0.468	0.501	0.536
38.	0.254	0.269	0.286	0.304	0.323	0.344	0.368	0.393	0.420	0.450	0.482	0.517	0.555
40.	0.257	0.273	0.290	0.308	0.329	0.351	0.375	0.401	0.429	0.460	0.495	0.532	0.572
42.	0.260	0.276	0.293	0.312	0.333	0.356	0.381	0.408	0.437	0.470	0.505	0.544	0.587
44.	0.262	0.278	0.296	0.316	0.337	0.360	0.385	0.413	0.444	0.477	0.514	0.555	0.599
46.	0.264	0.280	0.298	0.318	0.340	0.363	0.389	0.417	0.449	0.483	0.521	0.562	0.608
48.	0.265	0.281	0.300	0.319	0.341	0.365	0.391	0.420	0.452	0.486	0.525	0.567	0.614
50.	0.265	0.282	0.300	0.320	0.342	0.366	0.392	0.421	0.452	0.488	0.526	0.569	0.616

ROOM HEIGHT 60.0 DETECTOR HEIGHT 22.0 TWO SOURCES

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	0.152	0.157	0.162	0.168	0.174	0.179	0.185	0.191	0.197	0.203	0.209	0.215	0.220
2.	0.157	0.163	0.169	0.174	0.180	0.187	0.193	0.199	0.206	0.212	0.219	0.225	0.232
4.	0.162	0.169	0.175	0.181	0.188	0.194	0.201	0.208	0.215	0.222	0.229	0.237	0.244
6.	0.168	0.174	0.181	0.188	0.195	0.202	0.210	0.217	0.225	0.233	0.241	0.249	0.256
8.	0.174	0.180	0.188	0.195	0.203	0.211	0.219	0.227	0.235	0.244	0.252	0.261	0.270
10.	0.179	0.187	0.194	0.202	0.211	0.219	0.228	0.237	0.246	0.255	0.265	0.274	0.284
12.	0.185	0.193	0.201	0.210	0.219	0.228	0.237	0.247	0.257	0.267	0.278	0.288	0.299
14.	0.191	0.199	0.208	0.217	0.227	0.237	0.247	0.258	0.269	0.280	0.292	0.303	0.315
16.	0.197	0.206	0.215	0.225	0.235	0.246	0.257	0.269	0.281	0.293	0.306	0.319	0.332
18.	0.203	0.212	0.222	0.233	0.244	0.255	0.267	0.280	0.293	0.307	0.320	0.335	0.349
20.	0.209	0.219	0.229	0.241	0.252	0.265	0.278	0.292	0.306	0.320	0.336	0.351	0.367
22.	0.215	0.225	0.237	0.249	0.261	0.274	0.288	0.303	0.319	0.335	0.351	0.369	0.386
24.	0.220	0.232	0.244	0.256	0.270	0.284	0.299	0.315	0.332	0.349	0.367	0.386	0.406
26.	0.226	0.238	0.250	0.264	0.278	0.293	0.310	0.327	0.345	0.364	0.384	0.405	0.426
28.	0.231	0.244	0.257	0.271	0.287	0.303	0.320	0.338	0.358	0.378	0.400	0.423	0.447
30.	0.237	0.250	0.264	0.279	0.295	0.312	0.330	0.350	0.371	0.393	0.416	0.441	0.467
32.	0.241	0.255	0.270	0.285	0.302	0.320	0.340	0.361	0.383	0.407	0.432	0.459	0.487
34.	0.246	0.260	0.275	0.292	0.310	0.329	0.349	0.371	0.395	0.420	0.447	0.476	0.507
36.	0.250	0.265	0.281	0.298	0.316	0.336	0.358	0.381	0.406	0.433	0.462	0.493	0.526
38.	0.254	0.269	0.285	0.303	0.322	0.343	0.366	0.390	0.416	0.445	0.475	0.508	0.544
40.	0.257	0.273	0.290	0.308	0.328	0.349	0.372	0.398	0.425	0.455	0.487	0.522	0.560
42.	0.260	0.276	0.293	0.312	0.332	0.354	0.378	0.405	0.433	0.464	0.498	0.534	0.574
44.	0.262	0.278	0.296	0.315	0.336	0.358	0.383	0.410	0.439	0.471	0.506	0.544	0.585
46.	0.264	0.280	0.298	0.317	0.338	0.361	0.386	0.414	0.444	0.476	0.512	0.551	0.593
48.	0.265	0.281	0.299	0.319	0.340	0.363	0.389	0.416	0.447	0.480	0.516	0.555	0.598
50.	0.265	0.281	0.299	0.319	0.340	0.364	0.389	0.417	0.447	0.481	0.517	0.557	0.600

ROOM HEIGHT 60.0 DETECTOR HEIGHT 20.0 TWO SOURCES

X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	0.226	0.231	0.236	0.241	0.246	0.250	0.254	0.257	0.260	0.262	0.264	0.265	0.265
2.	0.238	0.244	0.250	0.255	0.260	0.265	0.269	0.273	0.276	0.278	0.280	0.281	0.282
4.	0.250	0.257	0.264	0.270	0.276	0.281	0.286	0.290	0.293	0.296	0.298	0.300	0.300
6.	0.264	0.272	0.279	0.286	0.292	0.298	0.304	0.308	0.312	0.316	0.318	0.319	0.320
8.	0.278	0.287	0.295	0.303	0.310	0.317	0.323	0.329	0.333	0.337	0.340	0.341	0.342
10.	0.294	0.303	0.312	0.321	0.330	0.337	0.344	0.351	0.356	0.360	0.363	0.365	0.366
12.	0.310	0.321	0.331	0.341	0.351	0.359	0.368	0.375	0.381	0.385	0.389	0.391	0.392
14.	0.328	0.340	0.351	0.363	0.373	0.383	0.393	0.401	0.408	0.413	0.417	0.420	0.421
16.	0.346	0.359	0.373	0.385	0.398	0.409	0.420	0.429	0.437	0.444	0.449	0.452	0.452
18.	0.366	0.381	0.396	0.410	0.424	0.437	0.450	0.460	0.470	0.477	0.483	0.486	0.488
20.	0.386	0.403	0.420	0.436	0.452	0.468	0.482	0.495	0.505	0.514	0.521	0.525	0.526
22.	0.408	0.427	0.446	0.465	0.483	0.501	0.517	0.532	0.544	0.555	0.562	0.567	0.569
24.	0.430	0.452	0.473	0.495	0.516	0.536	0.555	0.572	0.587	0.599	0.608	0.614	0.616
26.	0.453	0.477	0.502	0.526	0.550	0.574	0.596	0.616	0.634	0.648	0.659	0.666	0.668
28.	0.477	0.504	0.532	0.559	0.587	0.614	0.640	0.663	0.684	0.701	0.714	0.722	0.725
30.	0.502	0.532	0.562	0.594	0.626	0.657	0.687	0.714	0.739	0.759	0.775	0.784	0.787
32.	0.526	0.559	0.594	0.630	0.666	0.701	0.736	0.768	0.797	0.822	0.840	0.852	0.855
34.	0.550	0.587	0.626	0.666	0.706	0.747	0.787	0.825	0.859	0.888	0.910	0.924	0.928
36.	0.574	0.614	0.657	0.701	0.747	0.794	0.840	0.884	0.924	0.958	0.984	1.000	1.006
38.	0.596	0.640	0.687	0.736	0.787	0.840	0.892	0.943	0.989	1.029	1.059	1.079	1.085
40.	0.616	0.663	0.714	0.768	0.825	0.884	0.943	1.000	1.053	1.099	1.134	1.157	1.165
42.	0.634	0.684	0.739	0.797	0.859	0.924	0.989	1.053	1.113	1.165	1.205	1.231	1.240
44.	0.648	0.701	0.759	0.822	0.888	0.958	1.029	1.099	1.165	1.223	1.268	1.297	1.307
46.	0.659	0.714	0.775	0.840	0.910	0.984	1.059	1.134	1.205	1.268	1.317	1.349	1.360
48.	0.666	0.722	0.784	0.852	0.924	1.000	1.079	1.157	1.231	1.297	1.349	1.383	1.394
50.	0.668	0.725	0.787	0.855	0.928	1.006	1.085	1.165	1.240	1.307	1.360	1.394	1.406

ROOM HEIGHT 60.0 DETECTOR HEIGHT 22.0 TWO SOURCES

X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	0.226	0.231	0.237	0.241	0.246	0.250	0.254	0.257	0.260	0.262	0.264	0.265	0.265
2.	0.238	0.244	0.250	0.255	0.260	0.265	0.269	0.273	0.276	0.278	0.280	0.281	0.281
4.	0.250	0.257	0.264	0.270	0.275	0.281	0.285	0.290	0.293	0.296	0.298	0.299	0.299
6.	0.264	0.271	0.279	0.285	0.292	0.298	0.303	0.308	0.312	0.315	0.317	0.319	0.319
8.	0.278	0.287	0.295	0.302	0.310	0.316	0.322	0.328	0.332	0.336	0.338	0.340	0.340
10.	0.293	0.303	0.312	0.320	0.329	0.336	0.343	0.349	0.354	0.358	0.361	0.363	0.364
12.	0.310	0.320	0.330	0.340	0.349	0.358	0.366	0.372	0.378	0.383	0.386	0.389	0.389
14.	0.327	0.338	0.350	0.361	0.371	0.381	0.390	0.398	0.405	0.410	0.414	0.416	0.417
16.	0.345	0.358	0.371	0.383	0.395	0.406	0.416	0.425	0.433	0.439	0.444	0.447	0.447
18.	0.364	0.378	0.393	0.407	0.420	0.433	0.445	0.455	0.464	0.471	0.476	0.480	0.481
20.	0.384	0.400	0.416	0.432	0.447	0.462	0.475	0.487	0.498	0.506	0.512	0.516	0.517
22.	0.405	0.423	0.441	0.459	0.476	0.493	0.508	0.522	0.534	0.544	0.551	0.555	0.557
24.	0.426	0.447	0.467	0.487	0.507	0.526	0.544	0.560	0.574	0.585	0.593	0.598	0.600
26.	0.448	0.471	0.494	0.517	0.540	0.561	0.582	0.600	0.616	0.629	0.639	0.645	0.647
28.	0.471	0.496	0.522	0.548	0.574	0.598	0.622	0.643	0.662	0.677	0.689	0.696	0.698
30.	0.494	0.522	0.551	0.580	0.609	0.637	0.664	0.689	0.711	0.728	0.742	0.750	0.753
32.	0.517	0.548	0.580	0.613	0.645	0.677	0.708	0.736	0.762	0.783	0.798	0.808	0.811
34.	0.540	0.574	0.609	0.645	0.682	0.718	0.753	0.786	0.815	0.839	0.857	0.869	0.873
36.	0.561	0.598	0.637	0.677	0.718	0.759	0.798	0.836	0.869	0.897	0.918	0.932	0.936
38.	0.582	0.622	0.664	0.708	0.753	0.798	0.843	0.885	0.923	0.955	0.979	0.995	1.000
40.	0.600	0.643	0.689	0.736	0.786	0.836	0.885	0.932	0.974	1.011	1.038	1.056	1.062
42.	0.616	0.662	0.711	0.762	0.815	0.869	0.923	0.974	1.022	1.062	1.093	1.113	1.120
44.	0.629	0.677	0.728	0.783	0.839	0.897	0.955	1.011	1.062	1.106	1.140	1.162	1.169
46.	0.639	0.689	0.742	0.798	0.857	0.918	0.979	1.038	1.093	1.140	1.177	1.200	1.208
48.	0.645	0.696	0.750	0.808	0.869	0.932	0.995	1.056	1.113	1.162	1.200	1.225	1.233
50.	0.647	0.698	0.753	0.811	0.873	0.936	1.000	1.062	1.120	1.169	1.208	1.233	1.241

ROOM HEIGHT 60.0 DETECTOR HEIGHT 24.0 TWO SOURCES

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	0.152	0.157	0.163	0.168	0.174	0.180	0.185	0.191	0.197	0.203	0.209	0.215	0.221
2.	0.157	0.163	0.169	0.175	0.181	0.187	0.193	0.200	0.206	0.213	0.219	0.225	0.232
4.	0.163	0.169	0.175	0.181	0.188	0.195	0.201	0.208	0.215	0.223	0.230	0.237	0.244
6.	0.168	0.175	0.181	0.188	0.195	0.203	0.210	0.218	0.225	0.233	0.241	0.249	0.256
8.	0.174	0.181	0.188	0.195	0.203	0.211	0.219	0.227	0.235	0.244	0.253	0.261	0.270
10.	0.180	0.187	0.195	0.203	0.211	0.219	0.228	0.237	0.246	0.255	0.265	0.274	0.284
12.	0.185	0.193	0.201	0.210	0.219	0.228	0.237	0.247	0.257	0.267	0.278	0.288	0.299
14.	0.191	0.200	0.208	0.218	0.227	0.237	0.247	0.258	0.269	0.280	0.291	0.303	0.314
16.	0.197	0.206	0.215	0.225	0.235	0.246	0.257	0.269	0.281	0.293	0.305	0.318	0.331
18.	0.203	0.213	0.223	0.233	0.244	0.255	0.267	0.280	0.293	0.306	0.320	0.334	0.348
20.	0.209	0.219	0.230	0.241	0.253	0.265	0.278	0.291	0.305	0.320	0.335	0.350	0.366
22.	0.215	0.225	0.237	0.249	0.261	0.274	0.288	0.303	0.318	0.334	0.350	0.367	0.384
24.	0.221	0.232	0.244	0.256	0.270	0.284	0.299	0.314	0.331	0.348	0.366	0.384	0.403
26.	0.226	0.238	0.251	0.264	0.278	0.293	0.309	0.326	0.344	0.362	0.382	0.402	0.423
28.	0.232	0.244	0.257	0.271	0.286	0.302	0.319	0.337	0.356	0.376	0.398	0.420	0.442
30.	0.237	0.250	0.264	0.278	0.294	0.311	0.329	0.348	0.369	0.390	0.413	0.437	0.462
32.	0.242	0.255	0.270	0.285	0.302	0.320	0.339	0.359	0.381	0.404	0.429	0.454	0.482
34.	0.246	0.260	0.275	0.292	0.309	0.328	0.348	0.369	0.393	0.417	0.443	0.471	0.500
36.	0.250	0.265	0.281	0.297	0.316	0.335	0.356	0.379	0.403	0.429	0.457	0.487	0.518
38.	0.254	0.269	0.285	0.303	0.322	0.342	0.364	0.388	0.413	0.441	0.470	0.502	0.535
40.	0.257	0.273	0.289	0.307	0.327	0.348	0.371	0.395	0.422	0.451	0.482	0.515	0.550
42.	0.260	0.276	0.293	0.311	0.331	0.353	0.376	0.402	0.429	0.459	0.491	0.526	0.563
44.	0.262	0.278	0.295	0.314	0.335	0.357	0.381	0.407	0.435	0.466	0.499	0.535	0.573
46.	0.264	0.280	0.297	0.317	0.337	0.360	0.384	0.411	0.440	0.471	0.505	0.542	0.581
48.	0.265	0.281	0.299	0.318	0.339	0.362	0.386	0.413	0.442	0.474	0.509	0.546	0.586
50.	0.265	0.281	0.299	0.318	0.339	0.362	0.387	0.414	0.443	0.475	0.510	0.547	0.588

ROOM HEIGHT 60.0 DETECTOR HEIGHT 26.0 TWO SOURCES

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	0.152	0.158	0.163	0.169	0.174	0.180	0.186	0.191	0.197	0.203	0.209	0.215	0.221
2.	0.158	0.163	0.169	0.175	0.181	0.187	0.193	0.200	0.206	0.213	0.219	0.226	0.232
4.	0.163	0.169	0.175	0.182	0.188	0.195	0.202	0.209	0.216	0.223	0.230	0.237	0.244
6.	0.169	0.175	0.182	0.188	0.196	0.203	0.210	0.218	0.225	0.233	0.241	0.249	0.256
8.	0.174	0.181	0.188	0.196	0.203	0.211	0.219	0.227	0.236	0.244	0.253	0.261	0.270
10.	0.180	0.187	0.195	0.203	0.211	0.219	0.228	0.237	0.246	0.255	0.265	0.274	0.284
12.	0.186	0.193	0.202	0.210	0.219	0.228	0.238	0.247	0.257	0.267	0.278	0.288	0.298
14.	0.191	0.200	0.209	0.218	0.227	0.237	0.247	0.258	0.269	0.280	0.291	0.302	0.314
16.	0.197	0.206	0.216	0.225	0.236	0.246	0.257	0.269	0.280	0.292	0.305	0.317	0.330
18.	0.203	0.213	0.223	0.233	0.244	0.255	0.267	0.280	0.292	0.306	0.319	0.333	0.347
20.	0.209	0.219	0.230	0.241	0.253	0.265	0.278	0.291	0.305	0.319	0.334	0.349	0.365
22.	0.215	0.226	0.237	0.249	0.261	0.274	0.288	0.302	0.317	0.333	0.349	0.366	0.383
24.	0.221	0.232	0.244	0.256	0.270	0.284	0.298	0.314	0.330	0.347	0.365	0.383	0.401
26.	0.226	0.238	0.251	0.264	0.278	0.293	0.309	0.325	0.343	0.361	0.380	0.400	0.420
28.	0.232	0.244	0.257	0.271	0.286	0.302	0.319	0.336	0.355	0.375	0.396	0.417	0.439
30.	0.237	0.250	0.264	0.278	0.294	0.311	0.329	0.347	0.368	0.389	0.411	0.434	0.458
32.	0.242	0.255	0.270	0.285	0.302	0.319	0.338	0.358	0.379	0.402	0.426	0.451	0.477
34.	0.246	0.260	0.275	0.291	0.309	0.327	0.347	0.368	0.391	0.415	0.440	0.467	0.495
36.	0.250	0.265	0.280	0.297	0.315	0.334	0.355	0.378	0.401	0.427	0.454	0.482	0.513
38.	0.254	0.269	0.285	0.302	0.321	0.341	0.363	0.386	0.411	0.438	0.466	0.496	0.529
40.	0.257	0.273	0.289	0.307	0.326	0.347	0.369	0.394	0.419	0.447	0.477	0.509	0.543
42.	0.260	0.276	0.292	0.311	0.331	0.352	0.375	0.400	0.427	0.456	0.487	0.520	0.555
44.	0.262	0.278	0.295	0.314	0.334	0.356	0.379	0.405	0.433	0.462	0.494	0.529	0.565
46.	0.264	0.280	0.297	0.316	0.336	0.359	0.383	0.409	0.437	0.467	0.500	0.535	0.572
48.	0.264	0.281	0.298	0.317	0.338	0.360	0.385	0.411	0.439	0.470	0.503	0.539	0.577
50.	0.265	0.281	0.299	0.318	0.339	0.361	0.385	0.412	0.440	0.471	0.504	0.540	0.578

ROOM HEIGHT 60.0 DETECTOR HEIGHT 24.0 TWO SOURCES

X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	0.226	0.232	0.237	0.242	0.246	0.250	C.254	0.257	0.260	0.262	0.264	0.265	0.265
2.	0.238	0.244	0.250	0.255	0.260	0.265	C.269	0.273	0.276	0.278	0.280	0.281	0.281
4.	0.251	0.257	0.264	0.270	0.275	0.281	C.285	0.289	0.293	0.295	0.297	0.299	0.299
6.	0.264	0.271	0.278	0.285	0.292	0.297	C.303	0.307	0.311	0.314	0.317	0.318	0.318
8.	0.278	0.286	0.294	0.302	0.309	0.316	C.322	0.327	0.331	0.335	0.337	0.339	0.339
10.	0.293	0.302	0.311	0.320	0.328	0.335	C.342	0.348	0.353	0.357	0.360	0.362	0.362
12.	0.309	0.319	0.329	0.339	0.348	0.356	C.364	0.371	0.376	0.381	0.384	0.386	0.387
14.	0.326	0.337	0.348	0.359	0.369	0.379	C.388	0.395	0.402	0.407	0.411	0.413	0.414
16.	0.344	0.356	0.369	0.381	0.393	0.403	C.413	0.422	0.429	0.435	0.440	0.442	0.443
18.	0.362	0.376	0.390	0.404	0.417	0.429	C.441	0.451	0.459	0.466	0.471	0.474	0.475
20.	0.382	0.398	0.413	0.429	0.443	0.457	C.470	0.482	0.491	0.499	0.505	0.509	0.510
22.	0.402	0.420	0.437	0.454	0.471	0.487	C.502	0.515	0.526	0.535	0.542	0.546	0.547
24.	0.423	0.442	0.462	0.482	0.500	0.518	C.535	0.550	0.563	0.573	0.581	0.586	0.588
26.	0.444	0.466	0.488	0.510	0.531	0.551	C.570	0.588	0.603	0.615	0.624	0.629	0.631
28.	0.466	0.490	0.515	0.539	0.563	0.586	C.608	0.627	0.644	0.658	0.669	0.675	0.677
30.	0.488	0.515	0.542	0.569	0.596	0.622	C.646	0.669	0.688	0.704	0.716	0.724	0.726
32.	0.510	0.539	0.569	0.599	0.629	0.658	C.686	0.712	0.734	0.753	0.766	0.775	0.778
34.	0.531	0.563	0.596	0.629	0.662	0.695	C.726	0.755	0.781	0.802	0.818	0.827	0.831
36.	0.551	0.586	0.622	0.658	0.695	0.731	C.766	0.799	0.827	0.851	0.869	0.881	0.885
38.	0.570	0.608	0.646	0.686	0.726	0.766	C.805	0.841	0.873	0.900	0.920	0.933	0.937
40.	0.588	0.627	0.669	0.712	0.755	0.799	C.841	0.881	0.916	0.946	0.969	0.983	0.988
42.	0.603	0.644	0.688	0.734	0.781	0.827	C.873	0.916	0.955	0.988	1.013	1.029	1.034
44.	0.615	0.658	0.704	0.753	0.802	0.851	C.900	0.946	0.988	1.023	1.050	1.067	1.073
46.	0.624	0.669	0.716	0.766	0.818	0.869	C.920	0.969	1.013	1.050	1.079	1.097	1.103
48.	0.629	0.675	0.724	0.775	0.827	0.881	C.933	0.983	1.029	1.067	1.097	1.116	1.122
50.	0.631	0.677	0.726	0.778	0.831	0.885	C.937	0.988	1.034	1.073	1.103	1.122	1.128

ROOM HEIGHT 60.0 DETECTOR HEIGHT 26.0 TWO SOURCES

X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	0.226	0.232	0.237	0.242	0.246	0.250	C.254	0.257	0.260	0.262	0.264	0.264	0.265
2.	0.238	0.244	0.250	0.255	0.260	0.265	C.269	0.273	0.276	0.278	0.280	0.281	0.281
4.	0.251	0.257	0.264	0.270	0.275	0.280	C.285	0.289	0.292	0.295	0.297	0.298	0.299
6.	0.264	0.271	0.278	0.285	0.291	0.297	C.302	0.307	0.311	0.314	0.316	0.317	0.318
8.	0.278	0.286	0.294	0.302	0.309	0.315	C.321	0.326	0.331	0.334	0.336	0.338	0.339
10.	0.293	0.302	0.311	0.319	0.327	0.334	C.341	0.347	0.352	0.356	0.359	0.360	0.361
12.	0.309	0.319	0.329	0.338	0.347	0.355	C.363	0.369	0.375	0.379	0.383	0.385	0.385
14.	0.325	0.336	0.347	0.358	0.368	0.378	C.386	0.394	0.400	0.405	0.409	0.411	0.412
16.	0.343	0.355	0.368	0.379	0.391	0.401	C.411	0.419	0.427	0.433	0.437	0.439	0.440
18.	0.361	0.375	0.389	0.402	0.415	0.427	C.438	0.447	0.456	0.462	0.467	0.470	0.471
20.	0.380	0.396	0.411	0.426	0.440	0.454	C.466	0.477	0.487	0.494	0.500	0.503	0.504
22.	0.400	0.417	0.434	0.451	0.467	0.482	C.496	0.509	0.520	0.529	0.535	0.539	0.540
24.	0.420	0.439	0.458	0.477	0.495	0.513	C.529	0.543	0.555	0.565	0.572	0.577	0.578
26.	0.441	0.462	0.483	0.504	0.525	0.544	C.562	0.578	0.593	0.604	0.612	0.617	0.619
28.	0.462	0.486	0.509	0.532	0.555	0.577	C.597	0.616	0.632	0.645	0.654	0.660	0.662
30.	0.483	0.509	0.535	0.561	0.586	0.611	C.634	0.654	0.673	0.687	0.698	0.705	0.707
32.	0.504	0.532	0.561	0.589	0.617	0.645	C.670	0.694	0.714	0.731	0.744	0.751	0.754
34.	0.525	0.555	0.586	0.617	0.649	0.679	C.707	0.734	0.757	0.776	0.790	0.799	0.802
36.	0.544	0.577	0.611	0.645	0.679	0.712	C.744	0.773	0.799	0.820	0.836	0.846	0.849
38.	0.562	0.597	0.634	0.670	0.707	0.744	C.778	0.811	0.839	0.863	0.880	0.891	0.895
40.	0.578	0.616	0.654	0.694	0.734	0.773	C.811	0.846	0.877	0.902	0.922	0.934	0.938
42.	0.593	0.632	0.673	0.714	0.757	0.799	C.839	0.877	0.910	0.938	0.959	0.972	0.977
44.	0.604	0.645	0.687	0.731	0.776	0.820	C.863	0.902	0.938	0.968	0.991	1.005	1.010
46.	0.612	0.654	0.698	0.744	0.790	0.836	C.880	0.922	0.959	0.991	1.018	1.029	1.034
48.	0.617	0.660	0.705	0.751	0.799	0.846	C.891	0.934	0.972	1.005	1.029	1.044	1.050
50.	0.619	0.662	0.707	0.754	0.802	0.849	C.895	0.938	0.977	1.010	1.034	1.050	1.055

ROOM HEIGHT 60.0 DETECTOR HEIGHT 28.0 TWO SOURCES

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	0.153	0.158	0.163	0.169	0.174	0.180	0.186	0.192	0.198	0.203	0.209	0.215	0.221
2.	0.158	0.163	0.169	0.175	0.181	0.187	0.194	0.200	0.206	0.213	0.219	0.226	0.232
4.	0.163	0.169	0.175	0.182	0.188	0.195	0.202	0.209	0.216	0.223	0.230	0.237	0.244
6.	0.169	0.175	0.182	0.189	0.196	0.203	0.210	0.218	0.225	0.233	0.241	0.249	0.256
8.	0.174	0.181	0.188	0.196	0.203	0.211	0.219	0.227	0.236	0.244	0.253	0.261	0.269
10.	0.180	0.187	0.195	0.203	0.211	0.219	0.228	0.237	0.246	0.255	0.265	0.274	0.283
12.	0.186	0.194	0.202	0.210	0.219	0.228	0.238	0.247	0.257	0.267	0.277	0.288	0.298
14.	0.192	0.200	0.209	0.218	0.227	0.237	0.247	0.258	0.269	0.280	0.291	0.302	0.313
16.	0.198	0.206	0.216	0.225	0.236	0.246	0.257	0.269	0.280	0.292	0.305	0.317	0.330
18.	0.203	0.213	0.223	0.233	0.244	0.255	0.267	0.280	0.292	0.305	0.319	0.333	0.346
20.	0.209	0.219	0.230	0.241	0.253	0.265	0.277	0.291	0.305	0.319	0.333	0.349	0.364
22.	0.215	0.226	0.237	0.249	0.261	0.274	0.288	0.302	0.317	0.333	0.349	0.365	0.382
24.	0.221	0.232	0.244	0.256	0.269	0.283	0.298	0.313	0.330	0.346	0.364	0.382	0.400
26.	0.226	0.238	0.251	0.264	0.278	0.293	0.308	0.325	0.342	0.360	0.379	0.399	0.419
28.	0.232	0.244	0.257	0.271	0.286	0.302	0.318	0.336	0.355	0.374	0.394	0.416	0.438
30.	0.237	0.250	0.263	0.278	0.294	0.310	0.328	0.347	0.367	0.388	0.410	0.432	0.456
32.	0.242	0.255	0.269	0.285	0.301	0.319	0.338	0.357	0.378	0.401	0.424	0.449	0.475
34.	0.246	0.260	0.275	0.291	0.308	0.327	0.346	0.367	0.390	0.413	0.438	0.465	0.492
36.	0.250	0.265	0.280	0.297	0.315	0.334	0.355	0.377	0.400	0.425	0.452	0.480	0.509
38.	0.254	0.269	0.285	0.302	0.321	0.341	0.362	0.385	0.410	0.436	0.464	0.493	0.525
40.	0.257	0.272	0.289	0.307	0.326	0.346	0.369	0.392	0.418	0.445	0.475	0.506	0.538
42.	0.260	0.275	0.292	0.310	0.330	0.351	0.374	0.399	0.425	0.453	0.484	0.516	0.550
44.	0.262	0.278	0.295	0.313	0.333	0.355	0.378	0.404	0.431	0.460	0.491	0.525	0.560
46.	0.263	0.280	0.297	0.316	0.336	0.358	0.382	0.407	0.435	0.465	0.497	0.531	0.567
48.	0.264	0.281	0.298	0.317	0.338	0.360	0.384	0.410	0.438	0.468	0.500	0.535	0.571
50.	0.265	0.281	0.298	0.317	0.338	0.360	0.384	0.410	0.438	0.469	0.501	0.536	0.573

ROOM HEIGHT 60.0 DETECTOR HEIGHT 30.0 TWO SOURCES

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	0.153	0.158	0.163	0.169	0.174	0.180	0.186	0.192	0.198	0.203	0.209	0.215	0.221
2.	0.158	0.163	0.169	0.175	0.181	0.187	0.194	0.200	0.206	0.213	0.219	0.226	0.232
4.	0.163	0.169	0.175	0.182	0.188	0.195	0.202	0.209	0.216	0.223	0.230	0.237	0.244
6.	0.169	0.175	0.182	0.189	0.196	0.203	0.210	0.218	0.225	0.233	0.241	0.249	0.256
8.	0.174	0.181	0.188	0.196	0.203	0.211	0.219	0.227	0.236	0.244	0.253	0.261	0.269
10.	0.180	0.187	0.195	0.203	0.211	0.220	0.228	0.237	0.246	0.255	0.265	0.274	0.283
12.	0.186	0.194	0.202	0.210	0.219	0.228	0.238	0.247	0.257	0.267	0.277	0.288	0.298
14.	0.192	0.200	0.209	0.218	0.227	0.237	0.247	0.258	0.268	0.280	0.291	0.302	0.313
16.	0.198	0.206	0.216	0.225	0.236	0.246	0.257	0.268	0.280	0.292	0.304	0.317	0.329
18.	0.203	0.213	0.223	0.233	0.244	0.255	0.267	0.280	0.292	0.305	0.319	0.332	0.346
20.	0.209	0.219	0.230	0.241	0.253	0.265	0.277	0.291	0.304	0.319	0.333	0.348	0.363
22.	0.215	0.226	0.237	0.249	0.261	0.274	0.288	0.302	0.317	0.332	0.348	0.365	0.381
24.	0.221	0.232	0.244	0.256	0.269	0.283	0.298	0.313	0.329	0.346	0.363	0.381	0.400
26.	0.226	0.238	0.251	0.264	0.278	0.293	0.308	0.325	0.342	0.360	0.379	0.398	0.418
28.	0.232	0.244	0.257	0.271	0.286	0.302	0.318	0.336	0.354	0.374	0.394	0.415	0.437
30.	0.237	0.250	0.263	0.278	0.294	0.310	0.328	0.347	0.366	0.387	0.409	0.432	0.455
32.	0.242	0.255	0.269	0.285	0.301	0.319	0.337	0.357	0.378	0.400	0.424	0.448	0.474
34.	0.246	0.260	0.275	0.291	0.308	0.327	0.346	0.367	0.389	0.413	0.438	0.464	0.491
36.	0.250	0.265	0.280	0.297	0.315	0.334	0.354	0.376	0.400	0.425	0.451	0.479	0.508
38.	0.254	0.269	0.285	0.302	0.321	0.340	0.362	0.385	0.409	0.435	0.463	0.492	0.523
40.	0.257	0.272	0.289	0.307	0.326	0.346	0.368	0.392	0.417	0.445	0.474	0.504	0.537
42.	0.260	0.275	0.292	0.310	0.330	0.351	0.374	0.398	0.425	0.453	0.483	0.515	0.549
44.	0.262	0.278	0.295	0.313	0.333	0.355	0.378	0.403	0.430	0.459	0.490	0.523	0.558
46.	0.263	0.280	0.297	0.316	0.336	0.358	0.381	0.407	0.434	0.464	0.496	0.529	0.565
48.	0.264	0.281	0.298	0.317	0.337	0.359	0.383	0.409	0.437	0.467	0.499	0.533	0.570
50.	0.265	0.281	0.298	0.317	0.338	0.360	0.384	0.410	0.438	0.468	0.500	0.534	0.571

ROOM HEIGHT 60.0 DETECTOR HEIGHT 28.0 TWO SOURCES

X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	0.226	0.232	0.237	0.242	0.246	0.250	0.254	0.257	0.260	0.262	0.263	0.264	0.265
2.	0.238	0.244	0.250	0.255	0.260	0.265	0.269	0.272	0.275	0.278	0.280	0.281	0.281
4.	0.251	0.257	0.263	0.269	0.275	0.280	0.285	0.289	0.292	0.295	0.297	0.298	0.298
6.	0.264	0.271	0.278	0.285	0.291	0.297	0.302	0.307	0.310	0.313	0.316	0.317	0.317
8.	0.278	0.286	0.294	0.301	0.308	0.315	0.321	0.326	0.330	0.333	0.336	0.338	0.338
10.	0.293	0.302	0.310	0.319	0.327	0.334	0.341	0.346	0.351	0.355	0.358	0.360	0.360
12.	0.308	0.318	0.328	0.338	0.346	0.355	0.362	0.369	0.374	0.378	0.382	0.384	0.384
14.	0.325	0.336	0.347	0.357	0.367	0.377	0.385	0.392	0.399	0.404	0.407	0.410	0.410
16.	0.342	0.355	0.367	0.378	0.390	0.400	0.410	0.418	0.425	0.431	0.435	0.438	0.438
18.	0.360	0.374	0.388	0.401	0.413	0.425	0.436	0.445	0.453	0.460	0.465	0.468	0.469
20.	0.379	0.394	0.410	0.424	0.438	0.452	0.464	0.475	0.484	0.491	0.497	0.500	0.501
22.	0.399	0.416	0.432	0.449	0.465	0.480	0.493	0.506	0.516	0.525	0.531	0.535	0.536
24.	0.419	0.438	0.456	0.475	0.492	0.509	0.525	0.538	0.550	0.560	0.567	0.571	0.573
26.	0.439	0.460	0.481	0.501	0.521	0.540	0.557	0.573	0.586	0.597	0.606	0.610	0.612
28.	0.460	0.483	0.506	0.528	0.550	0.571	0.591	0.609	0.624	0.637	0.646	0.651	0.653
30.	0.481	0.506	0.531	0.556	0.580	0.604	0.626	0.646	0.663	0.677	0.687	0.694	0.696
32.	0.501	0.528	0.556	0.583	0.610	0.637	0.661	0.683	0.703	0.719	0.730	0.738	0.740
34.	0.521	0.550	0.580	0.610	0.640	0.669	0.696	0.721	0.742	0.760	0.773	0.782	0.784
36.	0.540	0.571	0.604	0.637	0.669	0.700	0.730	0.758	0.782	0.801	0.816	0.825	0.828
38.	0.557	0.591	0.626	0.661	0.696	0.730	0.763	0.793	0.819	0.841	0.857	0.867	0.870
40.	0.573	0.609	0.646	0.683	0.721	0.758	0.793	0.825	0.853	0.877	0.895	0.906	0.909
42.	0.586	0.624	0.663	0.703	0.742	0.782	0.819	0.853	0.884	0.909	0.928	0.940	0.944
44.	0.597	0.637	0.677	0.719	0.760	0.801	0.841	0.877	0.909	0.936	0.956	0.969	0.973
46.	0.606	0.646	0.687	0.730	0.773	0.816	0.857	0.895	0.928	0.956	0.978	0.991	0.995
48.	0.610	0.651	0.694	0.738	0.782	0.825	0.867	0.906	0.940	0.969	0.991	1.004	1.009
50.	0.612	0.653	0.696	0.740	0.784	0.828	0.870	0.909	0.944	0.973	0.995	1.009	1.013

ROOM HEIGHT 60.0 DETECTOR HEIGHT 30.0 TWO SOURCES

X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	0.226	0.232	0.237	0.242	0.246	0.250	0.254	0.257	0.260	0.262	0.263	0.264	0.265
2.	0.238	0.244	0.250	0.255	0.260	0.265	0.269	0.272	0.275	0.278	0.280	0.281	0.281
4.	0.251	0.257	0.263	0.269	0.275	0.280	0.285	0.289	0.292	0.295	0.297	0.298	0.298
6.	0.264	0.271	0.278	0.285	0.291	0.297	0.302	0.307	0.310	0.313	0.316	0.317	0.317
8.	0.278	0.286	0.294	0.301	0.308	0.315	0.321	0.326	0.330	0.333	0.336	0.337	0.338
10.	0.293	0.302	0.310	0.319	0.327	0.334	0.340	0.346	0.351	0.355	0.358	0.359	0.360
12.	0.308	0.318	0.328	0.337	0.346	0.354	0.362	0.368	0.374	0.378	0.381	0.383	0.384
14.	0.325	0.336	0.347	0.357	0.367	0.376	0.385	0.392	0.398	0.403	0.407	0.409	0.410
16.	0.342	0.354	0.366	0.378	0.389	0.400	0.409	0.417	0.425	0.430	0.434	0.437	0.438
18.	0.360	0.374	0.387	0.400	0.413	0.425	0.435	0.445	0.453	0.459	0.464	0.467	0.468
20.	0.379	0.394	0.409	0.424	0.438	0.451	0.463	0.474	0.483	0.490	0.496	0.499	0.500
22.	0.398	0.415	0.432	0.448	0.464	0.479	0.492	0.504	0.515	0.523	0.529	0.533	0.534
24.	0.418	0.437	0.455	0.474	0.491	0.508	0.523	0.537	0.549	0.558	0.565	0.570	0.571
26.	0.439	0.459	0.480	0.500	0.520	0.538	0.556	0.571	0.584	0.595	0.603	0.609	0.610
28.	0.459	0.482	0.504	0.527	0.549	0.570	0.589	0.606	0.622	0.634	0.643	0.648	0.650
30.	0.480	0.504	0.529	0.554	0.578	0.602	0.623	0.643	0.660	0.674	0.684	0.690	0.692
32.	0.500	0.527	0.554	0.581	0.608	0.634	0.658	0.680	0.699	0.714	0.726	0.733	0.735
34.	0.520	0.549	0.578	0.608	0.637	0.666	0.692	0.717	0.738	0.755	0.768	0.776	0.779
36.	0.538	0.570	0.602	0.634	0.666	0.697	0.726	0.753	0.776	0.795	0.809	0.818	0.821
38.	0.556	0.589	0.623	0.658	0.692	0.726	0.758	0.787	0.812	0.833	0.849	0.859	0.862
40.	0.571	0.606	0.643	0.680	0.717	0.753	0.787	0.818	0.846	0.869	0.886	0.896	0.900
42.	0.584	0.622	0.660	0.699	0.738	0.776	0.812	0.846	0.875	0.900	0.918	0.930	0.934
44.	0.595	0.634	0.674	0.714	0.755	0.795	0.833	0.869	0.900	0.926	0.945	0.957	0.962
46.	0.603	0.643	0.684	0.726	0.768	0.809	0.849	0.886	0.918	0.945	0.966	0.978	0.983
48.	0.608	0.648	0.690	0.733	0.776	0.818	0.859	0.896	0.930	0.957	0.978	0.991	0.996
50.	0.610	0.650	0.692	0.735	0.779	0.821	0.862	0.900	0.934	0.962	0.983	0.996	1.000

TWO EQUAL OPPOSING SOURCES

70 Units Apart

ROOM HEIGHT 70.0 DETECTOR HEIGHT 0. TWO SOURCES

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	0.184	0.191	0.197	0.204	0.210	0.217	0.225	0.232	0.239	0.247	0.254	0.261	0.269
2.	0.191	0.197	0.204	0.211	0.219	0.226	0.234	0.242	0.250	0.258	0.267	0.275	0.283
4.	0.197	0.204	0.212	0.220	0.228	0.236	0.244	0.253	0.262	0.271	0.280	0.290	0.299
6.	0.204	0.211	0.220	0.228	0.237	0.246	0.255	0.265	0.275	0.285	0.295	0.306	0.316
8.	0.210	0.219	0.228	0.237	0.246	0.256	0.266	0.277	0.288	0.299	0.311	0.323	0.334
10.	0.217	0.226	0.236	0.246	0.256	0.267	0.278	0.290	0.302	0.315	0.328	0.341	0.354
12.	0.225	0.234	0.244	0.255	0.266	0.278	0.291	0.304	0.317	0.331	0.346	0.361	0.376
14.	0.232	0.242	0.253	0.265	0.277	0.290	0.304	0.318	0.333	0.349	0.365	0.382	0.400
16.	0.239	0.250	0.262	0.275	0.288	0.302	0.317	0.333	0.350	0.367	0.386	0.405	0.425
18.	0.247	0.258	0.271	0.285	0.299	0.315	0.331	0.349	0.367	0.387	0.408	0.430	0.453
20.	0.254	0.267	0.280	0.295	0.311	0.328	0.346	0.365	0.386	0.408	0.432	0.457	0.483
22.	0.261	0.275	0.290	0.306	0.323	0.341	0.361	0.382	0.405	0.430	0.457	0.485	0.516
24.	0.269	0.283	0.299	0.316	0.334	0.354	0.376	0.400	0.425	0.453	0.483	0.516	0.551
26.	0.276	0.291	0.308	0.326	0.346	0.368	0.392	0.418	0.446	0.477	0.511	0.548	0.589
28.	0.283	0.299	0.317	0.337	0.358	0.382	0.407	0.436	0.467	0.502	0.540	0.582	0.629
30.	0.290	0.307	0.326	0.347	0.370	0.395	0.423	0.454	0.489	0.527	0.570	0.618	0.672
32.	0.296	0.314	0.334	0.357	0.381	0.408	0.438	0.472	0.510	0.552	0.600	0.655	0.716
34.	0.302	0.321	0.342	0.366	0.392	0.421	0.453	0.490	0.531	0.578	0.631	0.692	0.762
36.	0.308	0.328	0.350	0.374	0.402	0.433	0.467	0.506	0.551	0.602	0.661	0.729	0.809
38.	0.313	0.334	0.357	0.382	0.411	0.443	0.480	0.522	0.570	0.625	0.690	0.765	0.858
40.	0.317	0.339	0.362	0.389	0.419	0.453	0.492	0.536	0.587	0.647	0.716	0.799	0.897
42.	0.321	0.343	0.367	0.395	0.426	0.461	0.502	0.548	0.602	0.665	0.740	0.829	0.936
44.	0.324	0.346	0.371	0.400	0.432	0.468	0.510	0.558	0.614	0.681	0.759	0.854	0.969
46.	0.326	0.349	0.374	0.403	0.436	0.473	0.516	0.565	0.623	0.692	0.774	0.873	0.995
48.	0.327	0.350	0.376	0.405	0.438	0.476	0.519	0.570	0.629	0.699	0.783	0.885	1.011
50.	0.328	0.351	0.377	0.406	0.439	0.477	0.521	0.571	0.631	0.702	0.786	0.889	1.016

ROOM HEIGHT 70.0 DETECTOR HEIGHT 2.0 TWO SOURCES

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	0.186	0.192	0.199	0.206	0.212	0.219	0.227	0.234	0.241	0.249	0.256	0.264	0.271
2.	0.192	0.199	0.206	0.213	0.221	0.229	0.236	0.244	0.253	0.261	0.269	0.278	0.286
4.	0.199	0.206	0.214	0.222	0.230	0.238	0.247	0.256	0.265	0.274	0.283	0.292	0.302
6.	0.206	0.213	0.222	0.230	0.239	0.248	0.258	0.267	0.277	0.287	0.298	0.308	0.319
8.	0.212	0.221	0.230	0.239	0.249	0.259	0.269	0.280	0.291	0.302	0.314	0.325	0.337
10.	0.219	0.229	0.238	0.248	0.259	0.269	0.281	0.293	0.305	0.318	0.331	0.344	0.357
12.	0.227	0.236	0.247	0.258	0.269	0.281	0.293	0.306	0.320	0.334	0.349	0.364	0.379
14.	0.234	0.244	0.256	0.267	0.280	0.293	0.306	0.321	0.336	0.352	0.368	0.385	0.403
16.	0.241	0.253	0.265	0.277	0.291	0.305	0.320	0.336	0.353	0.370	0.389	0.408	0.428
18.	0.249	0.261	0.274	0.287	0.302	0.318	0.334	0.352	0.370	0.390	0.411	0.433	0.456
20.	0.256	0.269	0.283	0.298	0.314	0.331	0.349	0.368	0.389	0.411	0.435	0.460	0.486
22.	0.264	0.278	0.292	0.308	0.325	0.344	0.364	0.385	0.408	0.433	0.460	0.489	0.519
24.	0.271	0.286	0.302	0.319	0.337	0.357	0.379	0.403	0.428	0.456	0.486	0.519	0.554
26.	0.278	0.294	0.311	0.329	0.349	0.371	0.395	0.421	0.449	0.480	0.514	0.551	0.592
28.	0.285	0.302	0.320	0.340	0.361	0.385	0.411	0.439	0.470	0.505	0.543	0.585	0.632
30.	0.292	0.310	0.329	0.350	0.373	0.398	0.426	0.457	0.492	0.530	0.573	0.621	0.675
32.	0.299	0.317	0.337	0.360	0.384	0.411	0.441	0.475	0.513	0.556	0.604	0.658	0.719
34.	0.305	0.324	0.345	0.369	0.395	0.424	0.456	0.493	0.534	0.581	0.634	0.695	0.765
36.	0.311	0.331	0.353	0.377	0.405	0.436	0.470	0.510	0.554	0.605	0.664	0.732	0.811
38.	0.316	0.336	0.360	0.385	0.414	0.447	0.483	0.525	0.573	0.628	0.693	0.768	0.856
40.	0.320	0.342	0.365	0.392	0.422	0.456	0.495	0.539	0.590	0.650	0.719	0.801	0.899
42.	0.324	0.346	0.370	0.398	0.429	0.465	0.505	0.551	0.605	0.668	0.742	0.831	0.937
44.	0.327	0.349	0.374	0.403	0.435	0.471	0.513	0.561	0.617	0.683	0.762	0.856	0.970
46.	0.329	0.352	0.377	0.406	0.439	0.476	0.519	0.569	0.627	0.695	0.776	0.875	0.995
48.	0.330	0.353	0.379	0.408	0.441	0.479	0.523	0.573	0.632	0.702	0.785	0.887	1.011
50.	0.331	0.354	0.380	0.409	0.442	0.480	0.524	0.575	0.634	0.704	0.788	0.891	1.016

ROOM HEIGHT 70.0 DETECTOR HEIGHT 0. TWO SOURCES

X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	0.276	0.283	0.290	0.296	0.302	0.308	0.313	0.317	0.321	0.324	0.326	0.327	0.328
2.	0.291	0.299	0.307	0.314	0.321	0.328	0.334	0.339	0.343	0.346	0.349	0.350	0.351
4.	0.309	0.317	0.326	0.334	0.342	0.350	0.357	0.362	0.367	0.371	0.374	0.376	0.377
6.	0.326	0.337	0.347	0.357	0.366	0.374	0.382	0.389	0.395	0.400	0.403	0.405	0.406
8.	0.346	0.358	0.370	0.381	0.392	0.402	0.411	0.419	0.426	0.432	0.436	0.438	0.439
10.	0.368	0.382	0.395	0.408	0.421	0.433	0.443	0.453	0.461	0.468	0.473	0.476	0.477
12.	0.392	0.407	0.423	0.438	0.453	0.467	0.480	0.492	0.502	0.510	0.516	0.519	0.521
14.	0.418	0.436	0.454	0.472	0.490	0.506	0.522	0.536	0.548	0.558	0.565	0.570	0.571
16.	0.446	0.467	0.489	0.510	0.531	0.551	0.570	0.587	0.602	0.614	0.623	0.629	0.631
18.	0.477	0.502	0.527	0.552	0.578	0.602	0.625	0.647	0.665	0.681	0.692	0.699	0.702
20.	0.511	0.540	0.570	0.600	0.631	0.661	0.690	0.716	0.740	0.759	0.774	0.783	0.786
22.	0.548	0.582	0.618	0.655	0.692	0.729	0.765	0.799	0.829	0.854	0.873	0.885	0.889
24.	0.589	0.629	0.672	0.716	0.762	0.809	0.854	0.897	0.936	0.969	0.995	1.011	1.016
26.	0.633	0.681	0.732	0.786	0.843	0.901	0.960	1.016	1.068	1.112	1.146	1.168	1.175
28.	0.681	0.737	0.799	0.865	0.936	1.011	1.086	1.160	1.230	1.291	1.338	1.369	1.379
30.	0.732	0.799	0.873	0.955	1.044	1.139	1.238	1.338	1.434	1.520	1.588	1.632	1.647
32.	0.786	0.865	0.955	1.056	1.168	1.291	1.423	1.560	1.694	1.818	1.918	1.985	2.008
34.	0.843	0.936	1.044	1.168	1.309	1.470	1.647	1.837	2.031	2.216	2.370	2.474	2.511
36.	0.901	1.011	1.139	1.291	1.470	1.678	1.918	2.187	2.474	2.759	3.009	3.183	3.245
38.	0.960	1.086	1.238	1.423	1.647	1.918	2.245	2.629	3.065	3.523	3.949	4.260	4.375
40.	1.016	1.160	1.338	1.560	1.837	2.187	2.629	3.183	3.856	4.625	5.402	6.012	6.247
42.	1.068	1.230	1.434	1.694	2.031	2.474	3.065	3.856	4.907	6.247	7.779	9.131	9.694
44.	1.112	1.291	1.520	1.818	2.216	2.759	3.523	4.625	6.247	8.630	11.903	15.436	17.138
46.	1.146	1.338	1.588	1.918	2.370	3.009	3.949	5.402	7.779	11.903	19.265	30.749	38.406
48.	1.168	1.369	1.632	1.985	2.474	3.183	4.260	6.012	9.131	15.436	30.749	76.687	153.250
50.	1.175	1.379	1.647	2.008	2.511	3.245	4.375	6.247	9.694	17.138	38.406	153.250	0.125

ROOM HEIGHT 70.0 DETECTOR HEIGHT 2.0 TWO SOURCES

X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	0.278	0.285	0.292	0.299	0.305	0.311	0.316	0.320	0.324	0.327	0.329	0.330	0.331
2.	0.294	0.302	0.310	0.317	0.324	0.331	0.336	0.342	0.346	0.349	0.352	0.353	0.354
4.	0.311	0.320	0.329	0.337	0.345	0.353	0.360	0.365	0.370	0.374	0.377	0.379	0.380
6.	0.329	0.340	0.350	0.360	0.369	0.377	0.385	0.392	0.398	0.403	0.406	0.408	0.409
8.	0.349	0.361	0.373	0.384	0.395	0.405	0.414	0.422	0.429	0.435	0.439	0.441	0.442
10.	0.371	0.385	0.398	0.411	0.424	0.436	0.447	0.456	0.465	0.471	0.476	0.479	0.480
12.	0.395	0.411	0.426	0.441	0.456	0.470	0.483	0.495	0.505	0.513	0.519	0.523	0.524
14.	0.421	0.439	0.457	0.475	0.493	0.510	0.525	0.539	0.551	0.561	0.569	0.573	0.575
16.	0.449	0.470	0.492	0.513	0.534	0.554	0.573	0.590	0.605	0.617	0.627	0.632	0.634
18.	0.480	0.505	0.530	0.556	0.581	0.605	0.628	0.650	0.668	0.683	0.695	0.702	0.704
20.	0.514	0.543	0.573	0.604	0.634	0.664	0.693	0.719	0.742	0.762	0.776	0.785	0.788
22.	0.551	0.585	0.621	0.658	0.695	0.732	0.768	0.801	0.831	0.856	0.875	0.887	0.891
24.	0.592	0.632	0.675	0.719	0.765	0.811	0.856	0.899	0.937	0.970	0.995	1.011	1.016
26.	0.636	0.683	0.734	0.788	0.845	0.903	0.961	1.016	1.067	1.111	1.145	1.166	1.174
28.	0.683	0.740	0.801	0.867	0.937	1.011	1.086	1.159	1.228	1.288	1.335	1.365	1.375
30.	0.734	0.801	0.875	0.956	1.044	1.138	1.236	1.335	1.429	1.513	1.580	1.623	1.638
32.	0.788	0.867	0.956	1.056	1.166	1.288	1.418	1.552	1.685	1.806	1.904	1.969	1.991
34.	0.845	0.937	1.044	1.166	1.306	1.454	1.638	1.824	2.014	2.194	2.344	2.445	2.481
36.	0.903	1.011	1.138	1.288	1.464	1.669	1.904	2.166	2.445	2.721	2.962	3.129	3.190
38.	0.961	1.086	1.236	1.418	1.638	1.904	2.222	2.596	3.016	3.456	3.863	4.158	4.267
40.	1.016	1.159	1.335	1.552	1.824	2.166	2.596	3.129	3.774	4.504	5.233	5.801	6.019
42.	1.067	1.228	1.429	1.685	2.014	2.445	3.016	3.774	4.769	6.019	7.422	8.637	9.138
44.	1.111	1.288	1.513	1.806	2.194	2.721	3.456	4.504	6.019	8.190	11.068	14.052	15.444
46.	1.145	1.335	1.580	1.904	2.344	2.962	3.863	5.233	7.422	11.068	17.145	25.653	30.757
48.	1.166	1.365	1.623	1.969	2.445	3.129	4.158	5.801	8.637	14.052	25.653	51.174	76.695
50.	1.174	1.375	1.638	1.991	2.481	3.190	4.267	6.019	9.138	15.444	30.757	76.695	153.257

ROOM HEIGHT 70.0 DETECTOR HEIGHT 4.0 TWO SOURCES

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	0.188	0.194	0.201	0.207	0.214	0.221	0.228	0.236	0.243	0.251	0.258	0.266	0.273
2.	0.194	0.201	0.208	0.215	0.223	0.230	0.238	0.246	0.255	0.263	0.271	0.280	0.288
4.	0.201	0.208	0.216	0.223	0.232	0.240	0.249	0.258	0.267	0.276	0.285	0.294	0.304
6.	0.207	0.215	0.223	0.232	0.241	0.250	0.260	0.269	0.279	0.290	0.300	0.310	0.321
8.	0.214	0.223	0.232	0.241	0.251	0.261	0.271	0.282	0.293	0.304	0.316	0.328	0.340
10.	0.221	0.230	0.240	0.250	0.261	0.272	0.283	0.295	0.307	0.320	0.333	0.346	0.360
12.	0.228	0.238	0.249	0.260	0.271	0.283	0.295	0.309	0.322	0.336	0.351	0.366	0.381
14.	0.236	0.246	0.258	0.269	0.282	0.295	0.309	0.323	0.338	0.354	0.370	0.387	0.405
16.	0.243	0.255	0.267	0.279	0.293	0.307	0.322	0.338	0.355	0.373	0.391	0.410	0.430
18.	0.251	0.263	0.276	0.290	0.304	0.320	0.336	0.354	0.373	0.392	0.413	0.435	0.458
20.	0.258	0.271	0.285	0.300	0.316	0.333	0.351	0.370	0.391	0.413	0.437	0.462	0.488
22.	0.266	0.280	0.294	0.310	0.328	0.346	0.366	0.387	0.410	0.435	0.462	0.490	0.520
24.	0.273	0.288	0.304	0.321	0.340	0.360	0.381	0.405	0.430	0.458	0.488	0.520	0.555
26.	0.281	0.296	0.313	0.331	0.351	0.373	0.397	0.423	0.451	0.482	0.516	0.552	0.592
28.	0.288	0.304	0.322	0.342	0.363	0.387	0.413	0.441	0.472	0.506	0.544	0.586	0.632
30.	0.294	0.312	0.331	0.352	0.375	0.400	0.428	0.459	0.493	0.531	0.574	0.621	0.674
32.	0.301	0.319	0.340	0.362	0.386	0.413	0.443	0.477	0.514	0.556	0.604	0.657	0.717
34.	0.307	0.326	0.348	0.371	0.397	0.426	0.458	0.494	0.535	0.581	0.634	0.694	0.762
36.	0.313	0.333	0.355	0.380	0.407	0.438	0.472	0.511	0.555	0.605	0.663	0.730	0.807
38.	0.318	0.339	0.362	0.387	0.416	0.448	0.485	0.526	0.574	0.628	0.691	0.765	0.851
40.	0.322	0.344	0.368	0.394	0.424	0.458	0.496	0.540	0.591	0.649	0.717	0.797	0.893
42.	0.326	0.348	0.373	0.400	0.431	0.466	0.506	0.552	0.605	0.667	0.740	0.827	0.930
44.	0.329	0.351	0.377	0.405	0.437	0.473	0.514	0.562	0.617	0.682	0.759	0.851	0.962
46.	0.331	0.354	0.380	0.408	0.441	0.478	0.520	0.569	0.626	0.694	0.773	0.869	0.986
48.	0.332	0.355	0.381	0.410	0.443	0.481	0.524	0.574	0.632	0.700	0.782	0.881	1.002
50.	0.333	0.356	0.382	0.411	0.444	0.482	0.525	0.575	0.634	0.703	0.785	0.885	1.007

ROOM HEIGHT 70.0 DETECTOR HEIGHT 6.0 TWO SOURCES

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	0.189	0.195	0.202	0.209	0.216	0.223	0.230	0.237	0.245	0.252	0.260	0.267	0.275
2.	0.195	0.202	0.209	0.217	0.224	0.232	0.240	0.248	0.256	0.265	0.273	0.281	0.290
4.	0.202	0.209	0.217	0.225	0.233	0.242	0.250	0.259	0.268	0.277	0.287	0.296	0.306
6.	0.209	0.217	0.225	0.234	0.243	0.252	0.261	0.271	0.281	0.291	0.302	0.312	0.323
8.	0.216	0.224	0.233	0.243	0.252	0.262	0.273	0.283	0.295	0.306	0.317	0.329	0.341
10.	0.223	0.232	0.242	0.252	0.262	0.273	0.285	0.297	0.309	0.321	0.334	0.348	0.361
12.	0.230	0.240	0.250	0.261	0.273	0.285	0.297	0.310	0.324	0.338	0.352	0.367	0.383
14.	0.237	0.248	0.259	0.271	0.283	0.297	0.310	0.325	0.340	0.355	0.372	0.389	0.406
16.	0.245	0.256	0.268	0.281	0.295	0.309	0.324	0.340	0.356	0.374	0.392	0.411	0.431
18.	0.252	0.265	0.277	0.291	0.306	0.321	0.338	0.355	0.374	0.394	0.414	0.436	0.458
20.	0.260	0.273	0.287	0.302	0.317	0.334	0.352	0.372	0.392	0.414	0.437	0.462	0.488
22.	0.267	0.281	0.296	0.312	0.329	0.348	0.367	0.389	0.411	0.436	0.462	0.490	0.520
24.	0.275	0.290	0.306	0.323	0.341	0.361	0.383	0.406	0.431	0.458	0.488	0.520	0.554
26.	0.282	0.298	0.315	0.333	0.353	0.375	0.398	0.424	0.452	0.482	0.515	0.551	0.590
28.	0.289	0.306	0.324	0.343	0.365	0.388	0.414	0.442	0.472	0.506	0.543	0.584	0.629
30.	0.296	0.314	0.333	0.353	0.376	0.401	0.429	0.459	0.493	0.530	0.572	0.618	0.669
32.	0.303	0.321	0.341	0.363	0.387	0.414	0.444	0.477	0.514	0.555	0.601	0.653	0.711
34.	0.309	0.328	0.349	0.372	0.398	0.427	0.458	0.494	0.534	0.579	0.630	0.688	0.755
36.	0.314	0.334	0.356	0.381	0.408	0.438	0.472	0.510	0.554	0.603	0.659	0.724	0.798
38.	0.319	0.340	0.363	0.389	0.417	0.449	0.485	0.526	0.572	0.625	0.686	0.757	0.840
40.	0.324	0.345	0.369	0.395	0.425	0.458	0.496	0.539	0.589	0.645	0.711	0.789	0.880
42.	0.328	0.350	0.374	0.401	0.432	0.467	0.506	0.551	0.603	0.663	0.734	0.817	0.916
44.	0.330	0.353	0.378	0.406	0.437	0.473	0.514	0.561	0.615	0.678	0.752	0.840	0.946
46.	0.333	0.355	0.381	0.409	0.442	0.478	0.520	0.568	0.623	0.688	0.766	0.858	0.969
48.	0.334	0.357	0.383	0.411	0.444	0.481	0.523	0.572	0.629	0.695	0.774	0.869	0.984
50.	0.334	0.357	0.383	0.412	0.445	0.482	0.524	0.573	0.630	0.697	0.777	0.872	0.989

ROOM HEIGHT 70.0 DETECTOR HEIGHT 4.0 TWO SOURCES

X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	0.281	0.288	0.294	0.301	0.307	0.313	0.318	0.322	0.326	0.329	0.331	0.332	0.333
2.	0.296	0.304	0.312	0.319	0.326	0.333	0.339	0.344	0.348	0.351	0.354	0.355	0.356
4.	0.313	0.322	0.331	0.340	0.348	0.355	0.362	0.368	0.373	0.377	0.380	0.381	0.382
6.	0.331	0.342	0.352	0.362	0.371	0.380	0.387	0.394	0.400	0.405	0.408	0.410	0.411
8.	0.351	0.363	0.375	0.386	0.397	0.407	0.416	0.424	0.431	0.437	0.441	0.443	0.444
10.	0.373	0.387	0.400	0.413	0.426	0.438	0.448	0.458	0.466	0.473	0.478	0.481	0.482
12.	0.397	0.413	0.428	0.443	0.458	0.472	0.485	0.496	0.506	0.514	0.520	0.524	0.525
14.	0.423	0.441	0.459	0.477	0.494	0.511	0.526	0.540	0.552	0.562	0.569	0.574	0.575
16.	0.451	0.472	0.493	0.514	0.535	0.555	0.574	0.591	0.605	0.619	0.626	0.632	0.634
18.	0.482	0.506	0.531	0.556	0.581	0.605	0.628	0.649	0.667	0.682	0.694	0.700	0.703
20.	0.516	0.544	0.574	0.604	0.634	0.663	0.691	0.717	0.740	0.759	0.773	0.782	0.785
22.	0.552	0.586	0.621	0.657	0.694	0.730	0.765	0.797	0.827	0.851	0.869	0.881	0.885
24.	0.592	0.632	0.674	0.717	0.762	0.807	0.851	0.893	0.930	0.962	0.986	1.002	1.007
26.	0.636	0.682	0.732	0.785	0.840	0.897	0.953	1.007	1.056	1.099	1.131	1.152	1.159
28.	0.682	0.738	0.797	0.862	0.930	1.002	1.074	1.145	1.211	1.268	1.313	1.342	1.352
30.	0.732	0.797	0.869	0.948	1.034	1.125	1.219	1.313	1.403	1.483	1.546	1.587	1.601
32.	0.785	0.862	0.948	1.045	1.152	1.268	1.392	1.520	1.645	1.759	1.851	1.911	1.932
34.	0.840	0.930	1.034	1.152	1.286	1.436	1.601	1.776	1.954	2.120	2.259	2.352	2.385
36.	0.897	1.002	1.125	1.268	1.436	1.630	1.851	2.095	2.352	2.603	2.820	2.970	3.024
38.	0.953	1.074	1.219	1.392	1.601	1.851	2.147	2.489	2.869	3.260	3.616	3.871	3.964
40.	1.007	1.145	1.313	1.520	1.776	2.095	2.489	2.970	3.538	4.166	4.777	5.241	5.418
42.	1.056	1.211	1.403	1.645	1.954	2.352	2.869	3.538	4.390	5.418	6.518	7.430	7.795
44.	1.099	1.268	1.483	1.759	2.120	2.603	3.260	4.166	5.418	7.099	9.146	11.077	11.918
46.	1.131	1.313	1.546	1.851	2.259	2.820	3.616	4.777	6.518	9.146	12.900	17.154	19.281
48.	1.152	1.342	1.587	1.911	2.352	2.970	3.871	5.241	7.430	11.077	17.154	25.661	30.765
50.	1.159	1.352	1.601	1.932	2.385	3.024	3.964	5.418	7.795	11.918	19.281	30.765	38.422

ROOM HEIGHT 70.0 DETECTOR HEIGHT 6.0 TWO SOURCES

X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	0.282	0.289	0.296	0.303	0.309	0.314	0.319	0.324	0.328	0.330	0.333	0.334	0.334
2.	0.298	0.306	0.314	0.321	0.328	0.334	0.340	0.345	0.350	0.353	0.355	0.357	0.357
4.	0.315	0.324	0.333	0.341	0.349	0.356	0.363	0.369	0.374	0.378	0.381	0.383	0.383
6.	0.333	0.343	0.353	0.363	0.372	0.381	0.389	0.395	0.401	0.406	0.409	0.411	0.412
8.	0.353	0.365	0.376	0.387	0.398	0.408	0.417	0.425	0.432	0.437	0.442	0.444	0.445
10.	0.375	0.388	0.401	0.414	0.427	0.438	0.449	0.458	0.467	0.473	0.478	0.481	0.482
12.	0.398	0.414	0.429	0.444	0.458	0.472	0.485	0.496	0.506	0.514	0.520	0.523	0.524
14.	0.424	0.442	0.459	0.477	0.494	0.510	0.526	0.539	0.551	0.561	0.568	0.572	0.573
16.	0.452	0.472	0.493	0.514	0.534	0.554	0.572	0.589	0.603	0.615	0.623	0.629	0.630
18.	0.482	0.506	0.530	0.555	0.579	0.603	0.625	0.645	0.663	0.678	0.688	0.695	0.697
20.	0.515	0.543	0.572	0.601	0.630	0.659	0.686	0.711	0.734	0.752	0.766	0.774	0.777
22.	0.551	0.584	0.618	0.653	0.688	0.724	0.757	0.789	0.817	0.840	0.858	0.869	0.872
24.	0.590	0.629	0.669	0.711	0.755	0.798	0.840	0.880	0.916	0.946	0.969	0.984	0.989
26.	0.632	0.678	0.726	0.777	0.830	0.884	0.937	0.989	1.035	1.075	1.106	1.125	1.132
28.	0.678	0.731	0.789	0.851	0.916	0.984	1.052	1.119	1.181	1.234	1.276	1.303	1.312
30.	0.726	0.789	0.858	0.933	1.014	1.100	1.188	1.276	1.359	1.433	1.491	1.528	1.541
32.	0.777	0.851	0.933	1.025	1.125	1.234	1.349	1.467	1.581	1.684	1.767	1.821	1.840
34.	0.830	0.916	1.014	1.125	1.251	1.390	1.541	1.700	1.859	2.007	2.129	2.210	2.238
36.	0.884	0.984	1.100	1.234	1.390	1.568	1.767	1.984	2.210	2.427	2.612	2.738	2.783
38.	0.937	1.052	1.188	1.349	1.541	1.767	2.030	2.329	2.653	2.979	3.269	3.473	3.547
40.	0.989	1.119	1.276	1.467	1.700	1.984	2.329	2.738	3.206	3.706	4.175	4.521	4.650
42.	1.035	1.181	1.359	1.581	1.859	2.210	2.653	3.206	3.880	4.650	5.427	6.037	6.272
44.	1.075	1.234	1.433	1.684	2.007	2.427	2.979	3.706	4.650	5.818	7.108	8.207	8.655
46.	1.106	1.276	1.491	1.767	2.129	2.612	3.269	4.175	5.427	7.108	9.156	11.086	11.928
48.	1.125	1.303	1.528	1.821	2.210	2.738	3.473	4.521	6.037	8.207	11.086	14.070	15.462
50.	1.132	1.312	1.541	1.840	2.238	2.783	3.547	4.650	6.272	8.655	11.928	15.462	17.163

ROOM HEIGHT 70.0 DETECTOR HEIGHT 8.0 TWO SOURCES

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	0.199	0.197	0.203	0.210	0.217	0.224	0.231	0.239	0.246	0.254	0.261	0.269	0.276
2.	0.197	0.204	0.211	0.218	0.226	0.233	0.241	0.249	0.258	0.266	0.274	0.283	0.291
4.	0.203	0.211	0.218	0.226	0.235	0.243	0.252	0.261	0.270	0.279	0.288	0.297	0.307
6.	0.210	0.218	0.226	0.235	0.244	0.253	0.263	0.272	0.282	0.293	0.303	0.313	0.324
8.	0.217	0.226	0.235	0.244	0.254	0.264	0.274	0.285	0.296	0.307	0.319	0.330	0.342
10.	0.224	0.233	0.243	0.252	0.264	0.275	0.286	0.298	0.310	0.323	0.335	0.349	0.362
12.	0.231	0.241	0.252	0.263	0.274	0.286	0.298	0.311	0.325	0.339	0.353	0.368	0.383
14.	0.239	0.249	0.261	0.272	0.285	0.298	0.311	0.326	0.341	0.356	0.372	0.389	0.406
16.	0.246	0.258	0.270	0.282	0.296	0.310	0.325	0.341	0.357	0.375	0.393	0.412	0.431
18.	0.254	0.266	0.279	0.293	0.307	0.323	0.339	0.356	0.375	0.394	0.414	0.436	0.458
20.	0.261	0.274	0.288	0.303	0.319	0.335	0.353	0.372	0.393	0.414	0.437	0.461	0.486
22.	0.269	0.283	0.297	0.313	0.330	0.349	0.368	0.389	0.412	0.436	0.461	0.488	0.517
24.	0.276	0.291	0.307	0.324	0.342	0.362	0.383	0.406	0.431	0.458	0.486	0.517	0.550
26.	0.284	0.299	0.316	0.334	0.354	0.375	0.398	0.424	0.451	0.481	0.513	0.548	0.586
28.	0.291	0.307	0.325	0.344	0.365	0.388	0.414	0.441	0.471	0.504	0.540	0.580	0.623
30.	0.297	0.315	0.334	0.354	0.377	0.402	0.429	0.459	0.492	0.528	0.568	0.613	0.662
32.	0.304	0.322	0.342	0.364	0.388	0.414	0.443	0.476	0.512	0.552	0.596	0.646	0.702
34.	0.310	0.329	0.350	0.373	0.398	0.426	0.458	0.493	0.532	0.575	0.625	0.680	0.743
36.	0.316	0.335	0.357	0.381	0.408	0.438	0.471	0.508	0.550	0.598	0.652	0.714	0.784
38.	0.321	0.341	0.364	0.389	0.417	0.448	0.484	0.523	0.568	0.619	0.678	0.746	0.824
40.	0.325	0.346	0.370	0.396	0.425	0.458	0.495	0.536	0.584	0.639	0.702	0.776	0.862
42.	0.329	0.350	0.375	0.402	0.432	0.466	0.504	0.548	0.598	0.656	0.723	0.802	0.895
44.	0.332	0.354	0.379	0.406	0.437	0.472	0.512	0.557	0.609	0.670	0.741	0.824	0.924
46.	0.334	0.356	0.381	0.409	0.441	0.477	0.517	0.564	0.618	0.680	0.754	0.841	0.945
48.	0.335	0.358	0.383	0.412	0.443	0.480	0.521	0.568	0.623	0.687	0.762	0.851	0.959
50.	0.335	0.358	0.384	0.412	0.444	0.481	0.522	0.570	0.625	0.689	0.764	0.855	0.963

ROOM HEIGHT 70.0 DETECTOR HEIGHT 10.0 TWO SOURCES

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	0.191	0.198	0.204	0.211	0.218	0.225	0.233	0.240	0.247	0.255	0.262	0.270	0.277
2.	0.198	0.205	0.212	0.219	0.227	0.235	0.243	0.251	0.259	0.267	0.275	0.284	0.292
4.	0.204	0.212	0.220	0.228	0.236	0.244	0.253	0.262	0.271	0.280	0.289	0.298	0.308
6.	0.211	0.219	0.228	0.236	0.245	0.254	0.264	0.273	0.283	0.294	0.304	0.314	0.324
8.	0.218	0.227	0.236	0.245	0.255	0.265	0.275	0.286	0.297	0.308	0.319	0.331	0.343
10.	0.225	0.235	0.244	0.254	0.265	0.276	0.287	0.299	0.311	0.323	0.336	0.349	0.362
12.	0.233	0.243	0.253	0.264	0.275	0.287	0.299	0.312	0.326	0.339	0.354	0.368	0.383
14.	0.240	0.251	0.262	0.273	0.286	0.299	0.312	0.326	0.341	0.357	0.372	0.389	0.406
16.	0.247	0.259	0.271	0.283	0.297	0.311	0.326	0.341	0.358	0.375	0.392	0.411	0.430
18.	0.255	0.267	0.280	0.294	0.308	0.323	0.339	0.357	0.375	0.394	0.413	0.434	0.456
20.	0.262	0.275	0.289	0.304	0.319	0.336	0.354	0.372	0.392	0.413	0.436	0.459	0.484
22.	0.270	0.284	0.298	0.314	0.331	0.349	0.368	0.389	0.411	0.434	0.459	0.486	0.514
24.	0.277	0.292	0.308	0.324	0.343	0.362	0.383	0.406	0.430	0.456	0.484	0.514	0.546
26.	0.285	0.300	0.317	0.335	0.354	0.375	0.398	0.423	0.449	0.478	0.509	0.543	0.579
28.	0.292	0.308	0.326	0.345	0.366	0.388	0.413	0.440	0.469	0.501	0.536	0.574	0.615
30.	0.298	0.316	0.334	0.355	0.377	0.401	0.428	0.457	0.489	0.524	0.562	0.605	0.652
32.	0.305	0.323	0.343	0.364	0.388	0.413	0.442	0.473	0.508	0.547	0.590	0.637	0.690
34.	0.311	0.330	0.350	0.373	0.398	0.425	0.456	0.490	0.527	0.569	0.616	0.669	0.729
36.	0.316	0.336	0.358	0.381	0.407	0.437	0.469	0.505	0.546	0.591	0.643	0.701	0.767
38.	0.321	0.342	0.364	0.389	0.416	0.447	0.481	0.519	0.562	0.612	0.667	0.731	0.804
40.	0.326	0.347	0.370	0.395	0.424	0.456	0.492	0.532	0.578	0.630	0.690	0.759	0.839
42.	0.329	0.351	0.375	0.401	0.431	0.464	0.501	0.543	0.591	0.646	0.710	0.784	0.870
44.	0.332	0.354	0.378	0.406	0.436	0.470	0.508	0.552	0.602	0.659	0.726	0.804	0.896
46.	0.334	0.357	0.381	0.409	0.440	0.474	0.514	0.558	0.610	0.669	0.738	0.820	0.916
48.	0.336	0.358	0.383	0.411	0.442	0.477	0.517	0.562	0.615	0.675	0.746	0.829	0.928
50.	0.336	0.359	0.384	0.411	0.443	0.478	0.518	0.564	0.616	0.677	0.749	0.833	0.933

ROOM HEIGHT 70.0 DETECTOR HEIGHT 8.0 TWO SOURCES

X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	0.284	0.291	0.297	0.304	0.310	0.316	0.321	0.325	0.329	0.332	0.334	0.335	0.335
2.	0.299	0.307	0.315	0.322	0.329	0.335	0.341	0.346	0.350	0.354	0.356	0.358	0.358
4.	0.316	0.325	0.334	0.342	0.350	0.357	0.364	0.370	0.375	0.379	0.381	0.383	0.384
6.	0.334	0.344	0.354	0.364	0.373	0.381	0.389	0.396	0.402	0.406	0.409	0.412	0.412
8.	0.354	0.365	0.377	0.388	0.398	0.408	0.417	0.425	0.432	0.437	0.441	0.443	0.444
10.	0.375	0.388	0.402	0.414	0.426	0.438	0.448	0.458	0.466	0.472	0.477	0.480	0.481
12.	0.398	0.414	0.429	0.443	0.458	0.471	0.484	0.495	0.504	0.512	0.517	0.521	0.522
14.	0.424	0.441	0.459	0.476	0.493	0.508	0.523	0.536	0.548	0.557	0.564	0.568	0.570
16.	0.451	0.471	0.492	0.512	0.532	0.550	0.568	0.584	0.598	0.609	0.618	0.623	0.625
18.	0.481	0.504	0.528	0.552	0.575	0.598	0.619	0.639	0.656	0.670	0.680	0.687	0.689
20.	0.513	0.540	0.568	0.596	0.625	0.652	0.678	0.702	0.723	0.741	0.754	0.762	0.764
22.	0.548	0.580	0.613	0.646	0.680	0.714	0.746	0.776	0.802	0.824	0.841	0.851	0.855
24.	0.586	0.623	0.662	0.702	0.743	0.784	0.824	0.862	0.895	0.924	0.945	0.959	0.963
26.	0.626	0.670	0.716	0.764	0.815	0.865	0.915	0.963	1.007	1.044	1.072	1.090	1.096
28.	0.670	0.721	0.776	0.836	0.895	0.959	1.022	1.084	1.140	1.189	1.227	1.251	1.259
30.	0.716	0.776	0.841	0.911	0.987	1.066	1.147	1.227	1.302	1.368	1.420	1.453	1.464
32.	0.764	0.834	0.911	0.997	1.090	1.189	1.293	1.399	1.500	1.590	1.662	1.709	1.726
34.	0.815	0.895	0.987	1.090	1.204	1.330	1.464	1.604	1.742	1.869	1.972	2.040	2.063
36.	0.865	0.959	1.066	1.189	1.330	1.488	1.662	1.849	2.040	2.220	2.370	2.472	2.507
38.	0.915	1.022	1.147	1.293	1.464	1.662	1.888	2.138	2.403	2.662	2.887	3.043	3.098
40.	0.963	1.084	1.227	1.399	1.604	1.849	2.138	2.472	2.839	3.216	3.557	3.801	3.890
42.	1.007	1.140	1.302	1.500	1.742	2.040	2.403	2.839	3.344	3.890	4.410	4.797	4.942
44.	1.044	1.189	1.368	1.590	1.869	2.220	2.662	3.216	3.890	4.660	5.437	6.047	6.283
46.	1.372	1.227	1.420	1.662	1.972	2.370	2.887	3.557	4.410	5.437	6.538	7.450	7.815
48.	1.090	1.251	1.453	1.709	2.040	2.472	3.043	3.801	4.797	6.047	7.450	8.666	9.167
50.	1.096	1.259	1.464	1.726	2.063	2.507	3.098	3.890	4.942	6.283	7.815	9.167	9.730

ROOM HEIGHT 70.0 DETECTOR HEIGHT 10.0 TWO SOURCES

X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	0.285	0.292	0.298	0.305	0.311	0.316	0.321	0.326	0.329	0.332	0.334	0.336	0.336
2.	0.300	0.308	0.316	0.323	0.330	0.336	0.342	0.347	0.351	0.354	0.357	0.358	0.359
4.	0.317	0.326	0.334	0.343	0.350	0.358	0.364	0.370	0.375	0.378	0.381	0.383	0.384
6.	0.335	0.345	0.355	0.364	0.373	0.381	0.389	0.395	0.401	0.406	0.409	0.411	0.411
8.	0.354	0.366	0.377	0.388	0.398	0.407	0.416	0.424	0.431	0.436	0.440	0.442	0.443
10.	0.375	0.388	0.401	0.413	0.425	0.437	0.447	0.456	0.464	0.470	0.474	0.477	0.478
12.	0.398	0.413	0.428	0.442	0.456	0.469	0.481	0.492	0.501	0.508	0.514	0.517	0.518
14.	0.423	0.440	0.457	0.473	0.490	0.505	0.519	0.532	0.543	0.552	0.558	0.562	0.564
16.	0.449	0.469	0.489	0.508	0.527	0.546	0.562	0.578	0.591	0.602	0.610	0.615	0.616
18.	0.478	0.501	0.524	0.547	0.569	0.591	0.612	0.630	0.646	0.659	0.669	0.675	0.677
20.	0.509	0.536	0.562	0.590	0.616	0.643	0.667	0.690	0.710	0.726	0.738	0.746	0.749
22.	0.543	0.574	0.605	0.637	0.669	0.701	0.731	0.759	0.784	0.804	0.820	0.829	0.833
24.	0.579	0.615	0.652	0.690	0.729	0.767	0.804	0.839	0.870	0.896	0.916	0.928	0.933
26.	0.618	0.659	0.703	0.749	0.795	0.843	0.889	0.933	0.972	1.006	1.031	1.047	1.053
28.	0.659	0.708	0.759	0.814	0.870	0.928	0.986	1.042	1.093	1.137	1.170	1.191	1.199
30.	0.703	0.759	0.820	0.885	0.954	1.026	1.099	1.170	1.237	1.294	1.340	1.368	1.378
32.	0.749	0.814	0.885	0.963	1.047	1.137	1.229	1.321	1.409	1.486	1.548	1.587	1.601
34.	0.795	0.870	0.954	1.047	1.150	1.261	1.378	1.498	1.615	1.720	1.805	1.860	1.879
36.	0.843	0.928	1.026	1.137	1.261	1.398	1.548	1.704	1.860	2.005	2.124	2.203	2.231
38.	0.889	0.986	1.099	1.229	1.378	1.548	1.736	1.940	2.149	2.350	2.519	2.633	2.674
40.	0.933	1.042	1.170	1.321	1.498	1.704	1.940	2.203	2.483	2.759	3.000	3.168	3.228
42.	0.972	1.093	1.237	1.409	1.615	1.860	2.149	2.483	2.851	3.228	3.569	3.813	3.902
44.	1.006	1.137	1.294	1.486	1.720	2.005	2.350	2.759	3.228	3.728	4.197	4.543	4.672
46.	1.031	1.170	1.340	1.548	1.805	2.124	2.519	3.000	3.569	4.197	4.809	5.273	5.450
48.	1.047	1.191	1.368	1.587	1.860	2.203	2.633	3.168	3.813	4.543	5.273	5.841	6.059
50.	1.053	1.199	1.378	1.601	1.879	2.231	2.674	3.228	3.902	4.672	5.450	6.059	6.295

ROOM HEIGHT 70.0 DETECTOR HEIGHT 12.0 TWO SOURCES

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	0.192	0.199	0.205	0.212	0.219	0.226	0.234	0.241	0.248	0.256	0.263	0.271	0.278
2.	0.199	0.206	0.213	0.220	0.228	0.236	0.243	0.252	0.260	0.268	0.276	0.284	0.293
4.	0.205	0.213	0.221	0.229	0.237	0.245	0.254	0.263	0.272	0.281	0.290	0.299	0.308
6.	0.212	0.220	0.229	0.237	0.246	0.255	0.265	0.274	0.284	0.294	0.304	0.315	0.325
8.	0.219	0.228	0.237	0.246	0.256	0.266	0.276	0.287	0.297	0.308	0.320	0.331	0.343
10.	0.226	0.236	0.245	0.255	0.266	0.276	0.288	0.299	0.311	0.324	0.336	0.349	0.362
12.	0.234	0.243	0.254	0.265	0.276	0.288	0.300	0.313	0.326	0.340	0.353	0.368	0.382
14.	0.241	0.252	0.263	0.274	0.287	0.299	0.313	0.327	0.341	0.356	0.372	0.388	0.404
16.	0.248	0.260	0.272	0.284	0.297	0.311	0.326	0.341	0.357	0.374	0.391	0.409	0.428
18.	0.256	0.268	0.281	0.294	0.308	0.324	0.340	0.356	0.374	0.393	0.412	0.432	0.453
20.	0.263	0.276	0.290	0.304	0.320	0.336	0.353	0.372	0.391	0.412	0.434	0.456	0.480
22.	0.271	0.284	0.299	0.315	0.331	0.349	0.368	0.388	0.409	0.432	0.456	0.482	0.509
24.	0.278	0.293	0.308	0.325	0.343	0.362	0.382	0.404	0.428	0.453	0.480	0.509	0.539
26.	0.285	0.301	0.317	0.335	0.354	0.375	0.397	0.421	0.447	0.475	0.505	0.537	0.571
28.	0.292	0.308	0.326	0.345	0.365	0.387	0.411	0.437	0.466	0.496	0.530	0.566	0.605
30.	0.299	0.316	0.334	0.354	0.376	0.400	0.426	0.454	0.485	0.519	0.555	0.596	0.640
32.	0.305	0.323	0.343	0.364	0.387	0.412	0.440	0.470	0.504	0.541	0.581	0.626	0.676
34.	0.311	0.330	0.350	0.372	0.397	0.424	0.453	0.486	0.522	0.562	0.607	0.656	0.712
36.	0.317	0.336	0.357	0.381	0.406	0.434	0.466	0.501	0.539	0.583	0.631	0.686	0.747
38.	0.322	0.342	0.364	0.388	0.415	0.444	0.477	0.514	0.555	0.602	0.655	0.714	0.782
40.	0.326	0.347	0.369	0.394	0.422	0.453	0.488	0.526	0.570	0.620	0.676	0.740	0.814
42.	0.330	0.351	0.374	0.400	0.429	0.461	0.496	0.537	0.583	0.635	0.694	0.763	0.842
44.	0.332	0.354	0.378	0.404	0.434	0.467	0.504	0.545	0.593	0.647	0.710	0.782	0.866
46.	0.334	0.356	0.381	0.407	0.437	0.471	0.509	0.552	0.600	0.656	0.721	0.796	0.884
48.	0.336	0.358	0.382	0.409	0.440	0.474	0.512	0.555	0.605	0.662	0.728	0.805	0.895
50.	0.336	0.358	0.383	0.410	0.440	0.475	0.513	0.557	0.607	0.664	0.730	0.808	0.899

ROOM HEIGHT 70.0 DETECTOR HEIGHT 14.0 TWO SOURCES

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	0.193	0.200	0.206	0.213	0.220	0.227	0.234	0.242	0.249	0.257	0.264	0.271	0.279
2.	0.200	0.207	0.214	0.221	0.229	0.236	0.244	0.252	0.260	0.269	0.277	0.285	0.293
4.	0.206	0.214	0.221	0.229	0.238	0.246	0.255	0.263	0.272	0.281	0.290	0.299	0.308
6.	0.213	0.221	0.229	0.238	0.247	0.256	0.265	0.275	0.285	0.295	0.305	0.315	0.325
8.	0.220	0.229	0.238	0.247	0.256	0.266	0.276	0.287	0.298	0.309	0.320	0.331	0.342
10.	0.227	0.236	0.246	0.256	0.266	0.277	0.288	0.300	0.311	0.324	0.336	0.348	0.361
12.	0.234	0.244	0.255	0.265	0.276	0.288	0.300	0.313	0.326	0.339	0.353	0.367	0.381
14.	0.242	0.252	0.263	0.275	0.287	0.300	0.313	0.327	0.341	0.356	0.371	0.387	0.402
16.	0.249	0.260	0.272	0.285	0.298	0.311	0.326	0.341	0.357	0.373	0.390	0.407	0.425
18.	0.257	0.269	0.281	0.295	0.309	0.324	0.339	0.356	0.373	0.391	0.410	0.430	0.450
20.	0.264	0.277	0.290	0.305	0.320	0.336	0.353	0.371	0.390	0.410	0.431	0.453	0.476
22.	0.271	0.285	0.299	0.315	0.331	0.348	0.367	0.387	0.407	0.430	0.453	0.477	0.503
24.	0.279	0.293	0.308	0.325	0.342	0.361	0.381	0.402	0.425	0.450	0.476	0.503	0.532
26.	0.286	0.301	0.317	0.335	0.353	0.374	0.395	0.418	0.444	0.470	0.499	0.530	0.563
28.	0.293	0.309	0.326	0.344	0.364	0.386	0.409	0.435	0.462	0.491	0.523	0.557	0.594
30.	0.299	0.316	0.334	0.354	0.375	0.398	0.423	0.450	0.480	0.512	0.547	0.586	0.627
32.	0.306	0.323	0.342	0.363	0.385	0.410	0.437	0.466	0.498	0.533	0.572	0.614	0.660
34.	0.311	0.330	0.350	0.371	0.395	0.421	0.450	0.481	0.516	0.554	0.596	0.642	0.694
36.	0.317	0.336	0.357	0.379	0.404	0.432	0.462	0.495	0.532	0.573	0.619	0.670	0.726
38.	0.322	0.341	0.363	0.387	0.413	0.441	0.473	0.508	0.547	0.591	0.640	0.696	0.758
40.	0.326	0.346	0.368	0.393	0.420	0.450	0.483	0.520	0.561	0.608	0.660	0.719	0.787
42.	0.329	0.350	0.373	0.398	0.426	0.457	0.491	0.530	0.573	0.622	0.677	0.740	0.812
44.	0.332	0.353	0.377	0.402	0.431	0.463	0.498	0.538	0.583	0.634	0.691	0.758	0.834
46.	0.334	0.356	0.379	0.406	0.435	0.467	0.503	0.544	0.590	0.642	0.702	0.771	0.850
48.	0.335	0.357	0.381	0.407	0.437	0.469	0.506	0.547	0.594	0.648	0.708	0.779	0.860
50.	0.336	0.358	0.382	0.408	0.437	0.470	0.507	0.549	0.596	0.649	0.711	0.781	0.863

ROOM HEIGHT 70.0 DETECTOR HEIGHT 12.0 TWO SOURCES

X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	0.285	0.292	0.299	0.305	0.311	0.317	0.322	0.326	0.330	0.332	0.334	0.336	0.336
2.	0.301	0.308	0.316	0.323	0.330	0.336	0.342	0.347	0.351	0.354	0.356	0.358	0.358
4.	0.317	0.326	0.334	0.343	0.350	0.357	0.364	0.369	0.374	0.378	0.381	0.382	0.383
6.	0.335	0.345	0.354	0.364	0.372	0.381	0.388	0.394	0.400	0.404	0.407	0.409	0.410
8.	0.354	0.365	0.376	0.387	0.397	0.406	0.415	0.422	0.429	0.434	0.437	0.440	0.440
10.	0.375	0.387	0.400	0.412	0.424	0.434	0.444	0.453	0.461	0.467	0.471	0.474	0.475
12.	0.397	0.411	0.426	0.440	0.453	0.466	0.477	0.488	0.496	0.504	0.509	0.512	0.513
14.	0.421	0.437	0.454	0.470	0.486	0.501	0.514	0.526	0.537	0.545	0.552	0.555	0.557
16.	0.447	0.466	0.485	0.504	0.522	0.539	0.555	0.570	0.583	0.593	0.600	0.605	0.607
18.	0.475	0.496	0.519	0.541	0.562	0.583	0.602	0.620	0.635	0.647	0.656	0.662	0.664
20.	0.505	0.530	0.555	0.581	0.607	0.631	0.655	0.676	0.694	0.710	0.721	0.728	0.730
22.	0.537	0.566	0.596	0.626	0.656	0.686	0.714	0.740	0.763	0.782	0.796	0.805	0.808
24.	0.571	0.605	0.640	0.676	0.712	0.747	0.782	0.814	0.842	0.866	0.884	0.895	0.899
26.	0.608	0.647	0.688	0.730	0.774	0.817	0.859	0.899	0.934	0.964	0.987	1.001	1.006
28.	0.647	0.692	0.740	0.790	0.842	0.895	0.947	0.996	1.042	1.080	1.110	1.128	1.134
30.	0.688	0.740	0.796	0.855	0.918	0.982	1.047	1.110	1.167	1.217	1.256	1.280	1.289
32.	0.730	0.790	0.855	0.926	1.001	1.080	1.161	1.240	1.315	1.380	1.431	1.464	1.475
34.	0.774	0.842	0.918	1.001	1.092	1.188	1.289	1.390	1.486	1.572	1.641	1.685	1.700
36.	0.817	0.895	0.982	1.080	1.188	1.306	1.431	1.559	1.685	1.799	1.892	1.952	1.974
38.	0.859	0.947	1.047	1.161	1.289	1.431	1.586	1.748	1.912	2.063	2.189	2.272	2.301
40.	0.899	0.996	1.110	1.240	1.390	1.559	1.748	1.952	2.162	2.362	2.532	2.646	2.687
42.	0.934	1.042	1.167	1.315	1.486	1.685	1.912	2.162	2.427	2.687	2.912	3.068	3.123
44.	0.964	1.080	1.217	1.380	1.572	1.799	2.063	2.362	2.687	3.014	3.304	3.509	3.583
46.	0.987	1.110	1.256	1.431	1.641	1.892	2.189	2.532	2.912	3.304	3.660	3.916	4.009
48.	1.001	1.128	1.280	1.464	1.685	1.952	2.272	2.646	3.068	3.509	3.916	4.211	4.320
50.	1.006	1.134	1.289	1.475	1.700	1.974	2.301	2.687	3.123	3.583	4.009	4.320	4.436

ROOM HEIGHT 70.0 DETECTOR HEIGHT 14.0 TWO SOURCES

X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	0.286	0.293	0.299	0.306	0.311	0.317	0.322	0.326	0.329	0.332	0.334	0.335	0.336
2.	0.301	0.309	0.316	0.323	0.330	0.336	0.341	0.346	0.350	0.353	0.356	0.357	0.358
4.	0.317	0.326	0.334	0.342	0.350	0.357	0.363	0.368	0.373	0.377	0.379	0.381	0.382
6.	0.335	0.344	0.354	0.363	0.371	0.379	0.387	0.393	0.398	0.402	0.406	0.407	0.408
8.	0.353	0.364	0.375	0.385	0.395	0.404	0.413	0.420	0.426	0.431	0.435	0.437	0.437
10.	0.374	0.386	0.398	0.410	0.421	0.432	0.441	0.450	0.457	0.463	0.467	0.469	0.470
12.	0.395	0.409	0.423	0.437	0.450	0.462	0.473	0.483	0.491	0.498	0.503	0.506	0.507
14.	0.418	0.435	0.450	0.466	0.481	0.495	0.508	0.520	0.530	0.538	0.544	0.547	0.549
16.	0.444	0.462	0.480	0.498	0.516	0.532	0.547	0.561	0.573	0.583	0.590	0.594	0.596
18.	0.470	0.491	0.512	0.533	0.554	0.573	0.591	0.608	0.622	0.634	0.642	0.648	0.649
20.	0.499	0.523	0.547	0.572	0.596	0.619	0.640	0.660	0.677	0.691	0.702	0.708	0.711
22.	0.530	0.557	0.586	0.614	0.642	0.670	0.696	0.719	0.740	0.758	0.771	0.779	0.781
24.	0.563	0.594	0.627	0.660	0.694	0.726	0.758	0.787	0.812	0.834	0.850	0.860	0.863
26.	0.597	0.634	0.672	0.711	0.750	0.789	0.828	0.863	0.895	0.921	0.942	0.954	0.958
28.	0.634	0.675	0.719	0.765	0.812	0.860	0.906	0.950	0.990	1.023	1.048	1.064	1.070
30.	0.672	0.719	0.771	0.824	0.880	0.937	0.994	1.048	1.098	1.141	1.173	1.194	1.201
32.	0.711	0.765	0.824	0.888	0.954	1.023	1.092	1.160	1.223	1.277	1.319	1.346	1.355
34.	0.750	0.812	0.880	0.954	1.033	1.116	1.201	1.285	1.364	1.434	1.488	1.524	1.536
36.	0.789	0.860	0.937	1.023	1.116	1.215	1.319	1.423	1.524	1.613	1.684	1.730	1.746
38.	0.828	0.906	0.994	1.092	1.201	1.319	1.444	1.573	1.699	1.814	1.906	1.967	1.988
40.	0.863	0.950	1.048	1.160	1.285	1.423	1.573	1.730	1.887	2.032	2.151	2.231	2.259
42.	0.895	0.990	1.098	1.223	1.364	1.524	1.699	1.887	2.078	2.259	2.410	2.511	2.547
44.	0.921	1.023	1.141	1.277	1.434	1.613	1.814	2.032	2.259	2.476	2.662	2.788	2.833
46.	0.942	1.048	1.173	1.319	1.488	1.684	1.906	2.151	2.410	2.662	2.880	3.030	3.083
48.	0.954	1.064	1.194	1.346	1.524	1.730	1.967	2.231	2.511	2.788	3.030	3.197	3.258
50.	0.958	1.070	1.201	1.355	1.536	1.746	1.988	2.259	2.547	2.833	3.083	3.258	3.320

ROOM HEIGHT 70.0 DETECTOR HEIGHT 16.0 TWO SOURCES

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	0.194	0.200	0.207	0.214	0.221	0.228	0.235	0.242	0.250	0.257	0.265	0.272	0.279
2.	0.200	0.207	0.214	0.222	0.229	0.237	0.245	0.253	0.261	0.269	0.277	0.285	0.293
4.	0.207	0.214	0.222	0.230	0.238	0.247	0.255	0.264	0.273	0.281	0.290	0.299	0.308
6.	0.214	0.222	0.230	0.239	0.247	0.256	0.266	0.275	0.285	0.295	0.305	0.314	0.324
8.	0.221	0.229	0.238	0.247	0.257	0.267	0.277	0.287	0.298	0.309	0.320	0.331	0.342
10.	0.228	0.237	0.247	0.256	0.267	0.277	0.288	0.300	0.311	0.323	0.335	0.348	0.360
12.	0.235	0.245	0.255	0.266	0.277	0.288	0.300	0.313	0.326	0.339	0.352	0.366	0.379
14.	0.242	0.253	0.264	0.275	0.287	0.300	0.313	0.326	0.340	0.355	0.370	0.385	0.400
16.	0.250	0.261	0.273	0.285	0.298	0.311	0.326	0.340	0.356	0.372	0.388	0.405	0.422
18.	0.257	0.269	0.281	0.295	0.309	0.323	0.339	0.355	0.372	0.389	0.408	0.426	0.446
20.	0.265	0.277	0.290	0.305	0.320	0.335	0.352	0.370	0.388	0.408	0.428	0.449	0.471
22.	0.272	0.285	0.299	0.314	0.331	0.348	0.366	0.385	0.405	0.426	0.449	0.472	0.497
24.	0.279	0.293	0.308	0.324	0.342	0.360	0.379	0.400	0.422	0.446	0.471	0.497	0.524
26.	0.286	0.301	0.317	0.334	0.352	0.372	0.393	0.416	0.440	0.466	0.493	0.522	0.553
28.	0.293	0.309	0.326	0.344	0.363	0.384	0.407	0.431	0.457	0.486	0.516	0.548	0.583
30.	0.299	0.316	0.334	0.353	0.374	0.396	0.420	0.447	0.475	0.506	0.539	0.575	0.613
32.	0.306	0.323	0.342	0.362	0.384	0.408	0.433	0.462	0.492	0.526	0.562	0.601	0.644
34.	0.311	0.329	0.349	0.370	0.393	0.418	0.446	0.476	0.509	0.545	0.584	0.627	0.675
36.	0.317	0.335	0.356	0.378	0.402	0.428	0.457	0.489	0.524	0.563	0.606	0.653	0.705
38.	0.321	0.341	0.362	0.385	0.410	0.438	0.468	0.502	0.539	0.580	0.626	0.677	0.733
40.	0.326	0.345	0.367	0.391	0.417	0.446	0.478	0.513	0.552	0.595	0.644	0.698	0.759
42.	0.329	0.349	0.372	0.396	0.423	0.453	0.486	0.522	0.563	0.609	0.660	0.718	0.782
44.	0.332	0.352	0.375	0.400	0.428	0.458	0.492	0.530	0.572	0.619	0.673	0.733	0.802
46.	0.334	0.355	0.378	0.403	0.431	0.462	0.497	0.535	0.579	0.627	0.682	0.745	0.816
48.	0.335	0.356	0.379	0.405	0.433	0.465	0.500	0.539	0.583	0.632	0.688	0.752	0.825
50.	0.335	0.357	0.380	0.406	0.434	0.466	0.501	0.540	0.584	0.634	0.690	0.754	0.828

ROOM HEIGHT 70.0 DETECTOR HEIGHT 18.0 TWO SOURCES

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	0.195	0.201	0.208	0.214	0.221	0.228	0.236	0.243	0.250	0.258	0.265	0.272	0.279
2.	0.201	0.208	0.215	0.222	0.230	0.238	0.245	0.253	0.261	0.269	0.277	0.285	0.293
4.	0.208	0.215	0.223	0.231	0.239	0.247	0.255	0.264	0.273	0.282	0.290	0.299	0.308
6.	0.214	0.222	0.231	0.239	0.248	0.257	0.266	0.275	0.285	0.295	0.304	0.314	0.324
8.	0.221	0.230	0.239	0.248	0.257	0.267	0.277	0.287	0.298	0.308	0.319	0.330	0.341
10.	0.228	0.238	0.247	0.257	0.267	0.278	0.288	0.300	0.311	0.323	0.335	0.347	0.359
12.	0.236	0.245	0.255	0.266	0.277	0.288	0.300	0.312	0.325	0.338	0.351	0.364	0.378
14.	0.243	0.253	0.264	0.275	0.287	0.300	0.312	0.326	0.339	0.354	0.368	0.383	0.398
16.	0.250	0.261	0.273	0.285	0.298	0.311	0.325	0.339	0.354	0.370	0.386	0.402	0.419
18.	0.258	0.269	0.282	0.295	0.308	0.323	0.338	0.354	0.370	0.387	0.405	0.423	0.442
20.	0.265	0.277	0.290	0.304	0.319	0.335	0.351	0.368	0.386	0.405	0.424	0.445	0.465
22.	0.272	0.285	0.299	0.314	0.330	0.347	0.364	0.383	0.402	0.423	0.445	0.467	0.490
24.	0.279	0.293	0.308	0.324	0.341	0.359	0.378	0.398	0.419	0.442	0.465	0.490	0.516
26.	0.286	0.301	0.317	0.333	0.351	0.371	0.391	0.413	0.436	0.461	0.487	0.514	0.543
28.	0.293	0.308	0.325	0.343	0.362	0.382	0.404	0.428	0.453	0.480	0.508	0.539	0.571
30.	0.299	0.316	0.333	0.352	0.372	0.394	0.417	0.442	0.470	0.499	0.530	0.564	0.600
32.	0.305	0.322	0.341	0.360	0.382	0.405	0.430	0.457	0.486	0.517	0.552	0.588	0.628
34.	0.311	0.329	0.348	0.369	0.391	0.415	0.442	0.470	0.502	0.536	0.573	0.613	0.656
36.	0.316	0.335	0.354	0.376	0.399	0.425	0.453	0.483	0.516	0.553	0.593	0.636	0.683
38.	0.321	0.340	0.360	0.383	0.407	0.434	0.463	0.495	0.530	0.569	0.611	0.658	0.709
40.	0.325	0.344	0.366	0.389	0.414	0.442	0.472	0.505	0.542	0.583	0.628	0.678	0.733
42.	0.328	0.348	0.370	0.394	0.420	0.448	0.480	0.514	0.553	0.595	0.643	0.695	0.754
44.	0.331	0.351	0.374	0.398	0.424	0.454	0.486	0.522	0.561	0.605	0.654	0.709	0.771
46.	0.333	0.354	0.376	0.401	0.428	0.458	0.490	0.527	0.567	0.613	0.663	0.720	0.783
48.	0.334	0.355	0.378	0.402	0.430	0.460	0.493	0.530	0.571	0.617	0.669	0.726	0.791
50.	0.335	0.355	0.378	0.403	0.430	0.461	0.494	0.531	0.573	0.619	0.670	0.728	0.794

ROOM HEIGHT 70.0 DETECTOR HEIGHT 16.0 TWO SOURCES

X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	0.286	0.293	0.299	0.306	0.311	0.317	0.321	0.326	0.329	0.332	0.334	0.335	0.335
2.	0.301	0.309	0.316	0.323	0.329	0.335	0.341	0.345	0.349	0.352	0.355	0.356	0.357
4.	0.317	0.326	0.334	0.342	0.349	0.356	0.362	0.367	0.372	0.375	0.378	0.379	0.380
6.	0.334	0.344	0.353	0.362	0.370	0.378	0.385	0.391	0.396	0.400	0.403	0.405	0.406
8.	0.352	0.363	0.374	0.384	0.393	0.402	0.410	0.417	0.423	0.428	0.431	0.433	0.434
10.	0.372	0.384	0.396	0.408	0.418	0.428	0.438	0.446	0.453	0.458	0.462	0.465	0.466
12.	0.393	0.407	0.420	0.433	0.446	0.457	0.468	0.478	0.486	0.492	0.497	0.500	0.501
14.	0.416	0.431	0.447	0.462	0.476	0.489	0.502	0.513	0.522	0.530	0.535	0.539	0.540
16.	0.440	0.457	0.475	0.492	0.509	0.524	0.539	0.552	0.563	0.572	0.579	0.583	0.584
18.	0.466	0.486	0.506	0.526	0.545	0.563	0.580	0.595	0.609	0.619	0.627	0.632	0.634
20.	0.493	0.516	0.539	0.562	0.584	0.606	0.626	0.644	0.660	0.673	0.682	0.688	0.690
22.	0.522	0.548	0.575	0.601	0.627	0.653	0.677	0.698	0.718	0.733	0.745	0.752	0.756
24.	0.553	0.583	0.613	0.644	0.675	0.705	0.733	0.759	0.782	0.802	0.816	0.825	0.828
26.	0.586	0.619	0.655	0.690	0.726	0.762	0.796	0.828	0.856	0.879	0.897	0.908	0.912
28.	0.619	0.658	0.698	0.740	0.782	0.825	0.866	0.904	0.939	0.968	0.989	1.003	1.008
30.	0.655	0.698	0.745	0.793	0.843	0.893	0.943	0.989	1.032	1.068	1.095	1.113	1.118
32.	0.690	0.740	0.793	0.849	0.908	0.968	1.027	1.084	1.136	1.181	1.216	1.238	1.245
34.	0.726	0.782	0.843	0.908	0.976	1.047	1.118	1.188	1.253	1.309	1.352	1.380	1.389
36.	0.762	0.825	0.893	0.968	1.047	1.130	1.216	1.300	1.380	1.450	1.505	1.540	1.552
38.	0.796	0.866	0.943	1.027	1.118	1.216	1.317	1.419	1.516	1.603	1.671	1.716	1.731
40.	0.828	0.904	0.989	1.084	1.188	1.300	1.419	1.540	1.657	1.763	1.849	1.904	1.924
42.	0.856	0.939	1.032	1.136	1.253	1.380	1.516	1.657	1.796	1.924	2.027	2.096	2.120
44.	0.879	0.968	1.068	1.181	1.309	1.450	1.603	1.763	1.924	2.072	2.195	2.276	2.305
46.	0.897	0.989	1.095	1.216	1.352	1.505	1.671	1.849	2.027	2.195	2.335	2.428	2.461
48.	0.908	1.003	1.113	1.238	1.380	1.540	1.716	1.904	2.096	2.276	2.428	2.530	2.566
50.	0.912	1.008	1.118	1.245	1.389	1.552	1.731	1.924	2.120	2.305	2.461	2.566	2.603

ROOM HEIGHT 70.0 DETECTOR HEIGHT 18.0 TWO SOURCES

X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	0.286	0.293	0.299	0.305	0.311	0.316	0.321	0.325	0.328	0.331	0.333	0.334	0.335
2.	0.301	0.308	0.316	0.322	0.329	0.335	0.340	0.344	0.348	0.351	0.354	0.355	0.355
4.	0.317	0.325	0.333	0.341	0.348	0.354	0.360	0.366	0.370	0.374	0.376	0.378	0.378
6.	0.333	0.343	0.352	0.360	0.369	0.376	0.383	0.389	0.394	0.398	0.401	0.402	0.403
8.	0.351	0.362	0.372	0.382	0.391	0.399	0.407	0.414	0.420	0.424	0.428	0.430	0.430
10.	0.371	0.382	0.394	0.405	0.415	0.425	0.434	0.442	0.448	0.454	0.458	0.460	0.461
12.	0.391	0.404	0.417	0.430	0.442	0.453	0.463	0.472	0.480	0.486	0.490	0.493	0.494
14.	0.413	0.428	0.442	0.457	0.470	0.483	0.495	0.505	0.514	0.522	0.527	0.530	0.531
16.	0.436	0.453	0.470	0.486	0.502	0.516	0.530	0.542	0.553	0.561	0.567	0.571	0.573
18.	0.461	0.480	0.499	0.517	0.536	0.553	0.569	0.583	0.595	0.605	0.613	0.617	0.619
20.	0.487	0.508	0.530	0.552	0.573	0.593	0.611	0.628	0.643	0.654	0.663	0.669	0.670
22.	0.514	0.539	0.564	0.588	0.613	0.636	0.658	0.678	0.695	0.709	0.720	0.726	0.728
24.	0.543	0.571	0.600	0.628	0.656	0.683	0.709	0.733	0.754	0.771	0.783	0.791	0.794
26.	0.574	0.605	0.638	0.670	0.703	0.735	0.766	0.794	0.819	0.839	0.854	0.864	0.867
28.	0.605	0.641	0.678	0.715	0.754	0.791	0.827	0.861	0.891	0.916	0.936	0.946	0.950
30.	0.638	0.678	0.720	0.763	0.807	0.851	0.894	0.934	0.971	1.001	1.024	1.038	1.043
32.	0.670	0.715	0.763	0.813	0.864	0.916	0.966	1.015	1.058	1.095	1.124	1.141	1.147
34.	0.703	0.754	0.807	0.864	0.923	0.983	1.043	1.101	1.154	1.199	1.233	1.255	1.263
36.	0.735	0.791	0.851	0.916	0.983	1.053	1.124	1.192	1.255	1.310	1.353	1.380	1.389
38.	0.766	0.827	0.894	0.966	1.043	1.124	1.206	1.286	1.362	1.428	1.479	1.512	1.524
40.	0.794	0.861	0.934	1.015	1.101	1.192	1.286	1.380	1.469	1.547	1.609	1.649	1.663
42.	0.819	0.891	0.971	1.058	1.154	1.255	1.362	1.469	1.571	1.663	1.736	1.783	1.800
44.	0.839	0.916	1.001	1.095	1.199	1.310	1.428	1.547	1.663	1.767	1.851	1.906	1.925
46.	0.854	0.936	1.024	1.124	1.233	1.353	1.479	1.609	1.736	1.851	1.944	2.005	2.027
48.	0.864	0.946	1.038	1.141	1.255	1.380	1.512	1.649	1.783	1.906	2.005	2.071	2.094
50.	0.867	0.950	1.043	1.147	1.263	1.389	1.524	1.663	1.800	1.925	2.027	2.094	2.117

ROOM HEIGHT 7C.0 DETECTOR HEIGHT 20.0 TWO SOURCES

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	0.195	0.202	0.208	0.215	0.222	0.229	0.236	0.243	0.251	0.258	0.265	0.272	0.279
2.	0.202	0.208	0.216	0.223	0.230	0.238	0.246	0.254	0.261	0.269	0.277	0.285	0.293
4.	0.208	0.216	0.223	0.231	0.239	0.247	0.256	0.264	0.273	0.282	0.290	0.299	0.308
6.	0.215	0.223	0.231	0.239	0.248	0.257	0.266	0.275	0.285	0.294	0.304	0.314	0.323
8.	0.222	0.230	0.239	0.248	0.258	0.267	0.277	0.287	0.297	0.308	0.319	0.329	0.340
10.	0.229	0.238	0.247	0.257	0.267	0.278	0.288	0.299	0.311	0.322	0.334	0.345	0.357
12.	0.236	0.246	0.256	0.266	0.277	0.288	0.300	0.312	0.324	0.337	0.350	0.363	0.376
14.	0.243	0.254	0.264	0.275	0.287	0.299	0.312	0.325	0.338	0.352	0.366	0.381	0.395
16.	0.251	0.261	0.273	0.285	0.297	0.311	0.324	0.338	0.353	0.368	0.384	0.400	0.416
18.	0.258	0.269	0.282	0.294	0.308	0.322	0.337	0.352	0.368	0.385	0.402	0.420	0.437
20.	0.265	0.277	0.290	0.304	0.319	0.334	0.350	0.366	0.384	0.402	0.421	0.440	0.460
22.	0.272	0.285	0.299	0.314	0.329	0.345	0.363	0.381	0.400	0.420	0.440	0.462	0.484
24.	0.279	0.293	0.308	0.323	0.340	0.357	0.376	0.395	0.416	0.437	0.460	0.484	0.509
26.	0.286	0.301	0.316	0.333	0.350	0.369	0.389	0.410	0.432	0.456	0.481	0.507	0.534
28.	0.293	0.308	0.324	0.342	0.360	0.380	0.401	0.424	0.448	0.474	0.501	0.530	0.560
30.	0.299	0.315	0.332	0.351	0.370	0.391	0.414	0.438	0.464	0.492	0.521	0.553	0.586
32.	0.305	0.322	0.340	0.359	0.380	0.402	0.426	0.452	0.480	0.510	0.542	0.576	0.612
34.	0.311	0.328	0.347	0.367	0.389	0.412	0.437	0.465	0.495	0.527	0.561	0.598	0.638
36.	0.316	0.334	0.353	0.374	0.397	0.421	0.448	0.477	0.509	0.543	0.580	0.620	0.663
38.	0.320	0.339	0.359	0.381	0.404	0.430	0.458	0.488	0.521	0.558	0.597	0.640	0.687
40.	0.324	0.343	0.364	0.386	0.411	0.437	0.467	0.498	0.533	0.571	0.612	0.658	0.708
42.	0.328	0.347	0.368	0.391	0.416	0.444	0.474	0.507	0.543	0.582	0.626	0.674	0.726
44.	0.330	0.350	0.372	0.395	0.421	0.449	0.480	0.513	0.551	0.592	0.637	0.687	0.742
46.	0.332	0.352	0.374	0.398	0.424	0.453	0.484	0.518	0.556	0.598	0.645	0.696	0.753
48.	0.333	0.354	0.376	0.400	0.426	0.455	0.487	0.521	0.560	0.603	0.650	0.702	0.760
50.	0.334	0.354	0.376	0.400	0.427	0.456	0.487	0.522	0.561	0.604	0.651	0.704	0.762

ROOM HEIGHT 7C.0 DETECTOR HEIGHT 22.0 TWO SOURCES

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	0.196	0.202	0.209	0.215	0.222	0.229	0.236	0.244	0.251	0.258	0.265	0.272	0.279
2.	0.202	0.209	0.216	0.223	0.231	0.238	0.246	0.254	0.262	0.269	0.277	0.285	0.293
4.	0.209	0.216	0.224	0.231	0.239	0.248	0.256	0.264	0.273	0.282	0.290	0.299	0.307
6.	0.215	0.223	0.231	0.240	0.248	0.257	0.266	0.275	0.285	0.294	0.304	0.313	0.322
8.	0.222	0.231	0.239	0.248	0.258	0.267	0.277	0.287	0.297	0.307	0.318	0.328	0.339
10.	0.229	0.238	0.248	0.257	0.267	0.278	0.288	0.299	0.310	0.321	0.333	0.344	0.356
12.	0.236	0.246	0.256	0.266	0.277	0.288	0.300	0.311	0.324	0.336	0.348	0.361	0.374
14.	0.244	0.254	0.264	0.275	0.287	0.299	0.311	0.324	0.337	0.351	0.365	0.379	0.393
16.	0.251	0.262	0.273	0.285	0.297	0.310	0.324	0.337	0.352	0.367	0.382	0.397	0.413
18.	0.258	0.269	0.282	0.294	0.307	0.321	0.336	0.351	0.367	0.383	0.399	0.416	0.433
20.	0.265	0.277	0.290	0.304	0.318	0.333	0.348	0.365	0.382	0.399	0.417	0.436	0.455
22.	0.272	0.285	0.299	0.313	0.328	0.344	0.361	0.379	0.397	0.416	0.436	0.457	0.478
24.	0.279	0.293	0.307	0.322	0.339	0.356	0.374	0.393	0.413	0.433	0.455	0.478	0.501
26.	0.286	0.300	0.315	0.332	0.349	0.367	0.386	0.407	0.428	0.451	0.475	0.499	0.525
28.	0.292	0.307	0.324	0.341	0.359	0.378	0.399	0.421	0.444	0.468	0.494	0.521	0.549
30.	0.299	0.314	0.331	0.349	0.368	0.389	0.411	0.434	0.459	0.485	0.513	0.543	0.574
32.	0.305	0.321	0.339	0.357	0.378	0.399	0.422	0.447	0.474	0.502	0.532	0.564	0.598
34.	0.310	0.327	0.345	0.365	0.386	0.409	0.433	0.460	0.488	0.518	0.550	0.585	0.622
36.	0.315	0.333	0.352	0.372	0.394	0.418	0.444	0.471	0.501	0.533	0.568	0.605	0.645
38.	0.320	0.338	0.357	0.379	0.401	0.426	0.453	0.482	0.513	0.547	0.584	0.623	0.666
40.	0.324	0.342	0.362	0.384	0.408	0.433	0.461	0.491	0.524	0.560	0.598	0.640	0.685
42.	0.327	0.346	0.367	0.389	0.413	0.440	0.468	0.499	0.533	0.570	0.610	0.654	0.702
44.	0.329	0.349	0.370	0.393	0.417	0.444	0.474	0.506	0.541	0.579	0.620	0.666	0.715
46.	0.331	0.351	0.372	0.395	0.421	0.448	0.478	0.510	0.546	0.585	0.628	0.674	0.725
48.	0.332	0.352	0.374	0.397	0.422	0.450	0.480	0.513	0.549	0.589	0.632	0.680	0.731
50.	0.333	0.353	0.374	0.398	0.423	0.451	0.481	0.514	0.550	0.590	0.634	0.681	0.734

ROOM HEIGHT 70.0 DETECTOR HEIGHT 20.0 TWO SOURCES

X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	0.286	0.293	0.299	0.305	0.311	0.316	0.320	0.324	0.328	0.330	0.332	0.333	0.334
2.	0.301	0.308	0.315	0.322	0.328	0.334	0.339	0.343	0.347	0.350	0.352	0.354	0.354
4.	0.316	0.324	0.332	0.340	0.347	0.353	0.359	0.364	0.368	0.372	0.374	0.376	0.376
6.	0.333	0.342	0.351	0.359	0.367	0.374	0.381	0.386	0.391	0.395	0.398	0.400	0.400
8.	0.350	0.360	0.370	0.380	0.389	0.397	0.404	0.411	0.416	0.421	0.424	0.426	0.427
10.	0.369	0.380	0.391	0.402	0.412	0.421	0.430	0.437	0.444	0.449	0.453	0.455	0.456
12.	0.389	0.401	0.414	0.426	0.437	0.448	0.458	0.467	0.474	0.480	0.484	0.487	0.487
14.	0.410	0.424	0.438	0.452	0.465	0.477	0.488	0.498	0.507	0.513	0.518	0.521	0.522
16.	0.432	0.448	0.464	0.480	0.495	0.509	0.521	0.533	0.543	0.551	0.556	0.560	0.561
18.	0.456	0.474	0.492	0.510	0.527	0.543	0.558	0.571	0.582	0.592	0.598	0.603	0.604
20.	0.481	0.501	0.521	0.542	0.561	0.580	0.597	0.612	0.626	0.637	0.645	0.650	0.651
22.	0.507	0.530	0.553	0.576	0.598	0.620	0.640	0.658	0.674	0.687	0.696	0.702	0.704
24.	0.534	0.560	0.586	0.612	0.638	0.663	0.687	0.708	0.726	0.742	0.753	0.760	0.762
26.	0.562	0.592	0.621	0.651	0.681	0.710	0.737	0.762	0.784	0.802	0.816	0.824	0.827
28.	0.592	0.624	0.658	0.692	0.726	0.760	0.792	0.821	0.847	0.869	0.885	0.895	0.898
30.	0.621	0.658	0.696	0.735	0.774	0.813	0.850	0.885	0.916	0.941	0.961	0.973	0.977
32.	0.651	0.692	0.735	0.779	0.824	0.869	0.912	0.953	0.989	1.020	1.043	1.058	1.063
34.	0.681	0.726	0.774	0.824	0.875	0.926	0.977	1.025	1.068	1.104	1.132	1.150	1.156
36.	0.710	0.760	0.813	0.869	0.926	0.985	1.043	1.099	1.150	1.193	1.227	1.248	1.255
38.	0.737	0.792	0.850	0.912	0.977	1.043	1.110	1.174	1.234	1.285	1.324	1.349	1.358
40.	0.762	0.821	0.885	0.953	1.025	1.099	1.174	1.248	1.316	1.375	1.421	1.450	1.461
42.	0.784	0.847	0.916	0.989	1.068	1.150	1.234	1.316	1.393	1.461	1.513	1.547	1.559
44.	0.802	0.869	0.941	1.020	1.104	1.193	1.285	1.375	1.461	1.536	1.595	1.633	1.646
46.	0.816	0.885	0.961	1.043	1.132	1.227	1.324	1.421	1.513	1.595	1.660	1.701	1.716
48.	0.824	0.895	0.973	1.058	1.150	1.248	1.349	1.450	1.547	1.633	1.701	1.745	1.761
50.	0.827	0.898	0.977	1.063	1.156	1.255	1.358	1.461	1.559	1.646	1.716	1.761	1.776

ROOM HEIGHT 70.0 DETECTOR HEIGHT 22.0 TWO SOURCES

X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	0.286	0.292	0.299	0.305	0.310	0.315	0.320	0.324	0.327	0.329	0.331	0.332	0.333
2.	0.300	0.307	0.314	0.321	0.327	0.333	0.338	0.342	0.346	0.349	0.351	0.352	0.353
4.	0.315	0.324	0.331	0.339	0.345	0.352	0.357	0.362	0.367	0.370	0.372	0.374	0.374
6.	0.332	0.341	0.349	0.357	0.365	0.372	0.379	0.384	0.389	0.393	0.395	0.397	0.398
8.	0.349	0.359	0.368	0.378	0.386	0.394	0.401	0.408	0.413	0.417	0.421	0.422	0.423
10.	0.367	0.378	0.389	0.399	0.409	0.418	0.426	0.433	0.440	0.444	0.448	0.450	0.451
12.	0.386	0.399	0.411	0.422	0.433	0.444	0.453	0.461	0.468	0.474	0.478	0.480	0.481
14.	0.407	0.421	0.434	0.447	0.460	0.471	0.482	0.491	0.499	0.506	0.510	0.513	0.514
16.	0.428	0.444	0.459	0.474	0.488	0.501	0.513	0.524	0.533	0.541	0.546	0.549	0.550
18.	0.451	0.468	0.485	0.502	0.518	0.533	0.547	0.560	0.570	0.579	0.585	0.589	0.590
20.	0.475	0.494	0.513	0.532	0.550	0.568	0.584	0.598	0.610	0.620	0.628	0.632	0.634
22.	0.499	0.521	0.543	0.564	0.585	0.605	0.623	0.640	0.654	0.666	0.674	0.680	0.681
24.	0.525	0.549	0.574	0.598	0.622	0.645	0.666	0.685	0.702	0.715	0.725	0.731	0.734
26.	0.552	0.579	0.606	0.634	0.661	0.687	0.711	0.734	0.753	0.769	0.781	0.788	0.791
28.	0.579	0.609	0.640	0.671	0.702	0.731	0.760	0.786	0.808	0.827	0.841	0.850	0.852
30.	0.606	0.640	0.674	0.709	0.744	0.778	0.811	0.841	0.867	0.889	0.906	0.916	0.919
32.	0.634	0.671	0.709	0.749	0.788	0.827	0.864	0.899	0.930	0.956	0.975	0.987	0.991
34.	0.661	0.702	0.744	0.788	0.832	0.877	0.919	0.959	0.995	1.025	1.048	1.062	1.067
36.	0.687	0.731	0.778	0.827	0.877	0.926	0.975	1.021	1.062	1.097	1.123	1.140	1.146
38.	0.711	0.760	0.811	0.864	0.919	0.975	1.030	1.082	1.129	1.169	1.200	1.219	1.226
40.	0.734	0.786	0.841	0.899	0.959	1.021	1.082	1.140	1.193	1.239	1.274	1.296	1.304
42.	0.753	0.808	0.867	0.930	0.995	1.062	1.129	1.193	1.253	1.304	1.343	1.368	1.376
44.	0.769	0.827	0.889	0.956	1.025	1.097	1.169	1.239	1.304	1.359	1.403	1.430	1.440
46.	0.781	0.841	0.906	0.975	1.048	1.123	1.200	1.274	1.343	1.403	1.449	1.479	1.489
48.	0.788	0.850	0.916	0.987	1.062	1.140	1.219	1.296	1.368	1.430	1.479	1.510	1.521
50.	0.791	0.852	0.919	0.991	1.067	1.146	1.226	1.304	1.376	1.440	1.489	1.521	1.531

ROOM HEIGHT 7C.0 DETECTOR HEIGHT 24.0 TWO SOURCES

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	0.196	0.202	0.209	0.216	0.223	0.230	0.237	0.244	0.251	0.258	0.265	0.272	0.279
2.	0.202	0.209	0.216	0.224	0.231	0.238	0.246	0.254	0.262	0.269	0.277	0.285	0.292
4.	0.209	0.216	0.224	0.232	0.240	0.248	0.256	0.264	0.273	0.281	0.290	0.298	0.307
6.	0.216	0.224	0.232	0.240	0.249	0.257	0.266	0.275	0.285	0.294	0.303	0.312	0.322
8.	0.223	0.231	0.240	0.249	0.258	0.267	0.277	0.287	0.297	0.307	0.317	0.327	0.338
10.	0.230	0.238	0.248	0.257	0.267	0.277	0.288	0.299	0.310	0.321	0.332	0.343	0.354
12.	0.237	0.246	0.256	0.266	0.277	0.288	0.299	0.311	0.323	0.335	0.347	0.359	0.372
14.	0.244	0.254	0.264	0.275	0.287	0.299	0.311	0.323	0.336	0.350	0.363	0.377	0.390
16.	0.251	0.262	0.273	0.285	0.297	0.310	0.323	0.336	0.350	0.365	0.380	0.394	0.410
18.	0.258	0.269	0.281	0.294	0.307	0.321	0.335	0.350	0.365	0.381	0.397	0.413	0.430
20.	0.265	0.277	0.290	0.303	0.317	0.332	0.347	0.363	0.380	0.397	0.414	0.432	0.451
22.	0.272	0.285	0.298	0.312	0.327	0.343	0.359	0.377	0.394	0.413	0.432	0.452	0.472
24.	0.279	0.292	0.307	0.322	0.338	0.354	0.372	0.390	0.410	0.430	0.451	0.472	0.494
26.	0.286	0.300	0.315	0.331	0.348	0.365	0.384	0.404	0.425	0.446	0.469	0.493	0.517
28.	0.292	0.307	0.323	0.339	0.357	0.376	0.396	0.417	0.439	0.463	0.487	0.513	0.540
30.	0.298	0.314	0.330	0.348	0.367	0.387	0.408	0.430	0.454	0.479	0.506	0.534	0.563
32.	0.304	0.320	0.338	0.356	0.376	0.397	0.419	0.443	0.468	0.495	0.524	0.554	0.585
34.	0.310	0.326	0.344	0.363	0.384	0.406	0.430	0.455	0.482	0.510	0.541	0.573	0.607
36.	0.314	0.332	0.350	0.370	0.392	0.415	0.439	0.466	0.494	0.525	0.557	0.591	0.628
38.	0.319	0.337	0.356	0.377	0.399	0.423	0.448	0.476	0.506	0.538	0.572	0.608	0.647
40.	0.323	0.341	0.361	0.382	0.405	0.430	0.456	0.485	0.516	0.549	0.585	0.624	0.665
42.	0.326	0.345	0.365	0.387	0.410	0.435	0.463	0.493	0.525	0.559	0.597	0.637	0.680
44.	0.328	0.348	0.368	0.390	0.414	0.440	0.468	0.499	0.532	0.567	0.606	0.647	0.692
46.	0.330	0.350	0.370	0.393	0.417	0.444	0.472	0.503	0.537	0.573	0.613	0.655	0.701
48.	0.331	0.351	0.372	0.394	0.419	0.446	0.474	0.506	0.540	0.577	0.617	0.660	0.707
50.	0.332	0.351	0.372	0.395	0.420	0.446	0.475	0.507	0.541	0.578	0.618	0.662	0.709

ROOM HEIGHT 7C.0 DETECTOR HEIGHT 26.0 TWO SOURCES

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	0.196	0.203	0.209	0.216	0.223	0.230	0.237	0.244	0.251	0.258	0.265	0.272	0.279
2.	0.203	0.210	0.217	0.224	0.231	0.239	0.246	0.254	0.262	0.269	0.277	0.285	0.292
4.	0.209	0.217	0.224	0.232	0.240	0.248	0.256	0.264	0.273	0.281	0.290	0.298	0.306
6.	0.216	0.224	0.232	0.240	0.249	0.257	0.266	0.275	0.284	0.294	0.303	0.312	0.321
8.	0.223	0.231	0.240	0.249	0.258	0.267	0.277	0.287	0.296	0.306	0.317	0.327	0.337
10.	0.230	0.239	0.248	0.257	0.267	0.277	0.288	0.298	0.309	0.320	0.331	0.342	0.353
12.	0.237	0.246	0.256	0.266	0.277	0.288	0.299	0.310	0.322	0.334	0.346	0.358	0.370
14.	0.244	0.254	0.264	0.275	0.287	0.298	0.310	0.323	0.335	0.348	0.361	0.375	0.388
16.	0.251	0.262	0.273	0.284	0.296	0.309	0.322	0.335	0.349	0.363	0.378	0.392	0.407
18.	0.258	0.269	0.281	0.294	0.306	0.320	0.334	0.348	0.363	0.379	0.394	0.410	0.426
20.	0.265	0.277	0.290	0.303	0.317	0.331	0.346	0.361	0.378	0.394	0.411	0.429	0.446
22.	0.272	0.285	0.298	0.312	0.327	0.342	0.358	0.375	0.392	0.410	0.429	0.448	0.467
24.	0.279	0.292	0.306	0.321	0.337	0.353	0.370	0.388	0.407	0.426	0.446	0.467	0.488
26.	0.285	0.299	0.314	0.330	0.346	0.364	0.382	0.401	0.421	0.442	0.464	0.487	0.510
28.	0.292	0.306	0.322	0.338	0.356	0.374	0.394	0.414	0.436	0.458	0.482	0.506	0.531
30.	0.298	0.313	0.329	0.347	0.365	0.385	0.405	0.427	0.450	0.474	0.499	0.526	0.553
32.	0.304	0.320	0.337	0.355	0.374	0.394	0.416	0.439	0.463	0.489	0.516	0.545	0.574
34.	0.309	0.326	0.343	0.362	0.382	0.403	0.426	0.451	0.476	0.504	0.532	0.563	0.594
36.	0.314	0.331	0.349	0.369	0.390	0.412	0.436	0.461	0.488	0.517	0.548	0.580	0.614
38.	0.318	0.336	0.355	0.375	0.396	0.420	0.444	0.471	0.499	0.529	0.562	0.596	0.632
40.	0.322	0.340	0.359	0.380	0.402	0.426	0.452	0.479	0.509	0.540	0.574	0.610	0.648
42.	0.325	0.344	0.363	0.385	0.407	0.432	0.458	0.487	0.517	0.550	0.585	0.622	0.661
44.	0.328	0.346	0.366	0.388	0.411	0.436	0.463	0.492	0.524	0.557	0.593	0.632	0.673
46.	0.329	0.348	0.369	0.391	0.414	0.440	0.467	0.497	0.529	0.563	0.599	0.639	0.681
48.	0.331	0.350	0.370	0.392	0.416	0.442	0.469	0.499	0.531	0.566	0.603	0.643	0.686
50.	0.331	0.350	0.371	0.393	0.417	0.442	0.470	0.500	0.532	0.567	0.605	0.645	0.688

ROOM HEIGHT			70.0		DETECTOR HEIGHT			26.0		TWO SOURCES			
X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	0.286	0.292	0.298	0.304	0.310	0.314	0.319	0.323	0.326	0.328	0.330	0.331	0.332
2.	0.300	0.307	0.314	0.320	0.326	0.332	0.337	0.341	0.345	0.348	0.350	0.351	0.351
4.	0.315	0.323	0.330	0.338	0.344	0.350	0.356	0.361	0.365	0.368	0.370	0.372	0.372
6.	0.331	0.339	0.348	0.356	0.363	0.370	0.377	0.382	0.387	0.390	0.393	0.394	0.395
8.	0.348	0.357	0.367	0.376	0.384	0.392	0.399	0.405	0.410	0.414	0.417	0.419	0.420
10.	0.365	0.376	0.387	0.397	0.406	0.415	0.423	0.430	0.435	0.440	0.444	0.446	0.446
12.	0.384	0.396	0.408	0.419	0.429	0.439	0.448	0.456	0.463	0.468	0.472	0.474	0.475
14.	0.404	0.417	0.430	0.442	0.455	0.466	0.476	0.485	0.493	0.499	0.503	0.506	0.507
16.	0.425	0.439	0.454	0.468	0.482	0.494	0.506	0.516	0.525	0.532	0.537	0.540	0.541
18.	0.446	0.463	0.479	0.495	0.510	0.525	0.538	0.549	0.559	0.567	0.573	0.577	0.578
20.	0.469	0.487	0.506	0.524	0.541	0.557	0.572	0.585	0.597	0.606	0.613	0.617	0.618
22.	0.493	0.513	0.534	0.554	0.573	0.591	0.608	0.624	0.637	0.647	0.655	0.660	0.662
24.	0.517	0.540	0.563	0.585	0.607	0.628	0.647	0.665	0.680	0.692	0.701	0.707	0.709
26.	0.542	0.567	0.593	0.618	0.643	0.666	0.689	0.709	0.726	0.740	0.751	0.757	0.759
28.	0.567	0.595	0.624	0.652	0.680	0.707	0.732	0.755	0.775	0.791	0.803	0.811	0.813
30.	0.593	0.624	0.655	0.687	0.718	0.748	0.777	0.803	0.826	0.845	0.859	0.868	0.871
32.	0.618	0.652	0.687	0.722	0.757	0.791	0.824	0.854	0.880	0.902	0.918	0.928	0.932
34.	0.643	0.680	0.718	0.757	0.796	0.834	0.871	0.905	0.935	0.960	0.979	0.990	0.994
36.	0.666	0.707	0.748	0.791	0.834	0.877	0.918	0.956	0.990	1.019	1.040	1.054	1.058
38.	0.689	0.732	0.777	0.824	0.871	0.918	0.964	1.006	1.045	1.077	1.101	1.117	1.122
40.	0.709	0.755	0.803	0.854	0.905	0.956	1.006	1.054	1.096	1.132	1.160	1.177	1.182
42.	0.726	0.775	0.826	0.880	0.935	0.990	1.045	1.096	1.143	1.182	1.213	1.232	1.238
44.	0.740	0.791	0.845	0.902	0.960	1.019	1.077	1.132	1.182	1.225	1.258	1.278	1.285
46.	0.751	0.803	0.859	0.918	0.979	1.040	1.101	1.160	1.213	1.258	1.293	1.314	1.322
48.	0.757	0.811	0.868	0.928	0.990	1.054	1.117	1.177	1.232	1.278	1.314	1.337	1.345
50.	0.759	0.813	0.871	0.932	0.994	1.058	1.122	1.182	1.238	1.285	1.322	1.345	1.353

ROOM HEIGHT			70.0		DETECTOR HEIGHT			26.0		TWO SOURCES			
X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	0.285	0.292	0.298	0.304	0.309	0.314	0.318	0.322	0.325	0.328	0.329	0.331	0.331
2.	0.299	0.306	0.313	0.320	0.326	0.331	0.336	0.340	0.344	0.346	0.348	0.350	0.350
4.	0.314	0.322	0.329	0.337	0.343	0.349	0.355	0.359	0.363	0.366	0.369	0.370	0.371
6.	0.330	0.338	0.347	0.355	0.362	0.369	0.375	0.380	0.385	0.388	0.391	0.392	0.393
8.	0.346	0.356	0.365	0.374	0.382	0.390	0.396	0.402	0.407	0.411	0.414	0.416	0.417
10.	0.364	0.374	0.385	0.394	0.403	0.412	0.420	0.426	0.432	0.436	0.440	0.442	0.442
12.	0.382	0.394	0.405	0.416	0.426	0.436	0.444	0.452	0.458	0.463	0.467	0.469	0.470
14.	0.401	0.414	0.427	0.439	0.451	0.461	0.471	0.479	0.487	0.492	0.497	0.499	0.500
16.	0.421	0.436	0.450	0.463	0.476	0.488	0.499	0.509	0.517	0.524	0.529	0.531	0.532
18.	0.442	0.458	0.474	0.489	0.504	0.517	0.529	0.540	0.550	0.557	0.563	0.566	0.567
20.	0.464	0.482	0.499	0.516	0.532	0.548	0.562	0.574	0.585	0.593	0.599	0.603	0.605
22.	0.487	0.506	0.526	0.545	0.563	0.580	0.596	0.610	0.622	0.632	0.639	0.643	0.645
24.	0.510	0.531	0.553	0.574	0.594	0.614	0.632	0.648	0.661	0.673	0.681	0.686	0.688
26.	0.533	0.557	0.581	0.605	0.627	0.649	0.669	0.688	0.703	0.716	0.725	0.731	0.733
28.	0.557	0.583	0.610	0.636	0.661	0.686	0.709	0.729	0.747	0.762	0.772	0.779	0.781
30.	0.581	0.610	0.639	0.668	0.696	0.723	0.749	0.772	0.792	0.809	0.821	0.829	0.831
32.	0.605	0.636	0.668	0.700	0.731	0.762	0.790	0.816	0.839	0.858	0.872	0.881	0.884
34.	0.627	0.661	0.696	0.731	0.766	0.799	0.831	0.861	0.886	0.908	0.923	0.933	0.937
36.	0.649	0.686	0.723	0.762	0.799	0.837	0.872	0.905	0.933	0.957	0.975	0.986	0.990
38.	0.669	0.709	0.749	0.790	0.831	0.872	0.911	0.947	0.979	1.005	1.025	1.037	1.041
40.	0.688	0.729	0.772	0.816	0.861	0.905	0.947	0.986	1.021	1.050	1.072	1.086	1.090
42.	0.703	0.747	0.792	0.839	0.886	0.933	0.979	1.021	1.059	1.090	1.114	1.129	1.134
44.	0.716	0.762	0.809	0.858	0.908	0.957	1.005	1.050	1.090	1.124	1.149	1.165	1.171
46.	0.725	0.772	0.821	0.872	0.923	0.975	1.025	1.072	1.114	1.149	1.176	1.193	1.199
48.	0.731	0.779	0.829	0.881	0.933	0.986	1.037	1.086	1.129	1.165	1.193	1.211	1.216
50.	0.733	0.781	0.831	0.884	0.937	0.990	1.041	1.090	1.134	1.171	1.199	1.216	1.222

ROOM HEIGHT 70.0 DETECTOR HEIGHT 28.0 TWO SOURCES

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	0.196	0.203	0.209	0.216	0.223	0.230	0.237	0.244	0.251	0.258	0.265	0.272	0.279
2.	0.203	0.210	0.217	0.224	0.231	0.239	0.246	0.254	0.262	0.269	0.277	0.284	0.292
4.	0.209	0.217	0.224	0.232	0.240	0.248	0.256	0.264	0.273	0.281	0.289	0.298	0.306
6.	0.216	0.224	0.232	0.240	0.249	0.257	0.266	0.275	0.284	0.293	0.302	0.311	0.320
8.	0.223	0.231	0.240	0.249	0.258	0.267	0.277	0.286	0.296	0.306	0.316	0.326	0.336
10.	0.230	0.239	0.248	0.257	0.267	0.277	0.287	0.298	0.309	0.319	0.330	0.341	0.352
12.	0.237	0.246	0.256	0.266	0.277	0.287	0.298	0.310	0.321	0.333	0.345	0.357	0.369
14.	0.244	0.254	0.264	0.275	0.286	0.298	0.310	0.322	0.335	0.347	0.360	0.373	0.386
16.	0.251	0.262	0.273	0.284	0.296	0.309	0.321	0.335	0.348	0.362	0.376	0.390	0.404
18.	0.258	0.269	0.281	0.293	0.306	0.319	0.333	0.347	0.362	0.377	0.392	0.408	0.423
20.	0.265	0.277	0.289	0.302	0.316	0.330	0.345	0.360	0.376	0.392	0.409	0.426	0.443
22.	0.272	0.284	0.298	0.311	0.326	0.341	0.357	0.373	0.390	0.408	0.426	0.444	0.463
24.	0.279	0.292	0.306	0.320	0.336	0.352	0.369	0.386	0.404	0.423	0.443	0.463	0.483
26.	0.285	0.299	0.314	0.329	0.345	0.362	0.380	0.399	0.419	0.439	0.460	0.482	0.504
28.	0.292	0.306	0.321	0.338	0.355	0.373	0.392	0.412	0.433	0.454	0.477	0.501	0.525
30.	0.298	0.313	0.329	0.346	0.364	0.383	0.403	0.424	0.446	0.470	0.494	0.519	0.545
32.	0.303	0.319	0.336	0.353	0.372	0.392	0.413	0.436	0.459	0.484	0.510	0.537	0.565
34.	0.309	0.325	0.342	0.361	0.380	0.401	0.423	0.447	0.472	0.498	0.525	0.554	0.584
36.	0.313	0.330	0.348	0.367	0.388	0.409	0.433	0.457	0.483	0.511	0.540	0.570	0.602
38.	0.318	0.335	0.353	0.373	0.394	0.417	0.441	0.467	0.494	0.523	0.553	0.585	0.619
40.	0.321	0.339	0.358	0.378	0.400	0.423	0.448	0.475	0.503	0.533	0.565	0.599	0.634
42.	0.324	0.343	0.362	0.383	0.405	0.429	0.454	0.482	0.511	0.542	0.575	0.610	0.647
44.	0.327	0.345	0.365	0.386	0.409	0.433	0.459	0.487	0.517	0.549	0.583	0.619	0.657
46.	0.329	0.347	0.367	0.389	0.412	0.436	0.463	0.491	0.522	0.554	0.589	0.626	0.664
48.	0.330	0.349	0.369	0.390	0.413	0.438	0.465	0.494	0.525	0.557	0.592	0.630	0.669
50.	0.330	0.349	0.369	0.391	0.414	0.439	0.466	0.495	0.525	0.558	0.594	0.631	0.671

ROOM HEIGHT 70.0 DETECTOR HEIGHT 30.0 TWO SOURCES

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	0.197	0.203	0.210	0.216	0.223	0.230	0.237	0.244	0.251	0.258	0.265	0.272	0.279
2.	0.203	0.210	0.217	0.224	0.231	0.239	0.246	0.254	0.262	0.269	0.277	0.284	0.292
4.	0.210	0.217	0.224	0.232	0.240	0.248	0.256	0.264	0.273	0.281	0.289	0.297	0.305
6.	0.216	0.224	0.232	0.240	0.249	0.257	0.266	0.275	0.284	0.293	0.302	0.311	0.320
8.	0.223	0.231	0.240	0.249	0.258	0.267	0.276	0.286	0.296	0.306	0.316	0.325	0.335
10.	0.230	0.239	0.248	0.257	0.267	0.277	0.287	0.298	0.308	0.319	0.330	0.340	0.351
12.	0.237	0.246	0.256	0.266	0.276	0.287	0.298	0.309	0.321	0.332	0.344	0.356	0.367
14.	0.244	0.254	0.264	0.275	0.286	0.298	0.309	0.322	0.334	0.346	0.359	0.372	0.385
16.	0.251	0.262	0.273	0.284	0.296	0.308	0.321	0.334	0.347	0.361	0.375	0.389	0.403
18.	0.258	0.269	0.281	0.293	0.306	0.319	0.332	0.346	0.361	0.376	0.391	0.406	0.421
20.	0.265	0.277	0.289	0.302	0.316	0.330	0.344	0.359	0.375	0.391	0.407	0.424	0.440
22.	0.272	0.284	0.297	0.311	0.325	0.340	0.356	0.372	0.389	0.406	0.424	0.442	0.460
24.	0.279	0.292	0.305	0.320	0.335	0.351	0.367	0.385	0.403	0.421	0.440	0.460	0.479
26.	0.285	0.299	0.313	0.328	0.345	0.361	0.379	0.397	0.417	0.436	0.457	0.478	0.499
28.	0.291	0.306	0.321	0.337	0.354	0.372	0.390	0.410	0.430	0.451	0.473	0.496	0.519
30.	0.297	0.312	0.328	0.345	0.363	0.381	0.401	0.422	0.443	0.466	0.490	0.514	0.539
32.	0.303	0.318	0.335	0.353	0.371	0.391	0.411	0.433	0.456	0.480	0.505	0.531	0.558
34.	0.308	0.324	0.341	0.360	0.379	0.399	0.421	0.444	0.468	0.494	0.520	0.548	0.576
36.	0.313	0.330	0.347	0.366	0.386	0.408	0.430	0.454	0.479	0.506	0.534	0.563	0.593
38.	0.317	0.334	0.353	0.372	0.393	0.415	0.438	0.463	0.490	0.517	0.547	0.577	0.609
40.	0.321	0.338	0.357	0.377	0.398	0.421	0.445	0.471	0.499	0.527	0.558	0.590	0.623
42.	0.324	0.342	0.361	0.381	0.403	0.427	0.451	0.478	0.506	0.536	0.567	0.601	0.635
44.	0.326	0.345	0.364	0.385	0.407	0.431	0.456	0.483	0.512	0.543	0.575	0.609	0.645
46.	0.328	0.346	0.366	0.387	0.410	0.434	0.460	0.487	0.517	0.548	0.581	0.616	0.652
48.	0.329	0.348	0.367	0.389	0.411	0.436	0.462	0.490	0.519	0.551	0.584	0.619	0.656
50.	0.330	0.348	0.368	0.389	0.412	0.436	0.463	0.490	0.520	0.552	0.585	0.621	0.658

ROOM HEIGHT 70.0 DETECTOR HEIGHT 28.0 TWO SOURCES

X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	0.285	0.292	0.298	0.303	0.309	0.313	0.318	0.321	0.324	0.327	0.329	0.330	0.330
2.	0.299	0.306	0.313	0.319	0.325	0.330	0.335	0.339	0.343	0.345	0.347	0.349	0.349
4.	0.314	0.321	0.329	0.336	0.342	0.348	0.353	0.358	0.362	0.365	0.367	0.369	0.369
6.	0.329	0.338	0.346	0.353	0.361	0.367	0.373	0.378	0.383	0.386	0.389	0.390	0.391
8.	0.345	0.355	0.364	0.372	0.380	0.388	0.394	0.400	0.405	0.409	0.412	0.413	0.414
10.	0.362	0.373	0.383	0.392	0.401	0.409	0.417	0.423	0.429	0.433	0.436	0.438	0.439
12.	0.380	0.392	0.403	0.413	0.423	0.433	0.441	0.448	0.454	0.459	0.463	0.465	0.466
14.	0.399	0.412	0.424	0.436	0.447	0.457	0.467	0.475	0.482	0.487	0.491	0.494	0.495
16.	0.419	0.433	0.446	0.459	0.472	0.483	0.494	0.503	0.511	0.517	0.522	0.525	0.525
18.	0.439	0.454	0.470	0.484	0.498	0.511	0.523	0.533	0.542	0.549	0.554	0.557	0.558
20.	0.460	0.477	0.494	0.510	0.525	0.540	0.553	0.565	0.575	0.583	0.589	0.592	0.594
22.	0.482	0.501	0.519	0.537	0.554	0.570	0.585	0.599	0.610	0.619	0.626	0.630	0.631
24.	0.504	0.525	0.545	0.565	0.584	0.602	0.619	0.634	0.647	0.657	0.664	0.669	0.671
26.	0.526	0.549	0.572	0.594	0.615	0.635	0.654	0.671	0.685	0.697	0.705	0.710	0.712
28.	0.549	0.574	0.599	0.623	0.647	0.669	0.690	0.709	0.725	0.738	0.748	0.754	0.756
30.	0.572	0.599	0.626	0.652	0.678	0.703	0.727	0.748	0.766	0.780	0.791	0.798	0.800
32.	0.594	0.623	0.652	0.682	0.710	0.738	0.764	0.787	0.807	0.824	0.836	0.844	0.846
34.	0.615	0.647	0.678	0.710	0.742	0.772	0.800	0.826	0.849	0.867	0.881	0.889	0.892
36.	0.635	0.669	0.703	0.738	0.772	0.805	0.836	0.864	0.889	0.910	0.925	0.934	0.937
38.	0.654	0.690	0.727	0.764	0.800	0.836	0.870	0.901	0.928	0.950	0.967	0.978	0.981
40.	0.671	0.709	0.748	0.787	0.826	0.864	0.901	0.934	0.964	0.988	1.006	1.018	1.021
42.	0.685	0.725	0.766	0.807	0.849	0.889	0.928	0.964	0.995	1.021	1.041	1.053	1.057
44.	0.697	0.738	0.780	0.824	0.867	0.910	0.950	0.988	1.021	1.049	1.070	1.083	1.087
46.	0.705	0.748	0.791	0.836	0.881	0.925	0.967	1.006	1.041	1.070	1.092	1.105	1.110
48.	0.710	0.754	0.798	0.844	0.889	0.934	0.978	1.018	1.053	1.083	1.105	1.119	1.124
50.	0.712	0.756	0.800	0.846	0.892	0.937	0.981	1.021	1.057	1.087	1.110	1.124	1.128

ROOM HEIGHT 70.0 DETECTOR HEIGHT 30.0 TWO SOURCES

X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	0.285	0.291	0.297	0.303	0.308	0.313	0.317	0.321	0.324	0.326	0.328	0.329	0.330
2.	0.299	0.306	0.312	0.318	0.324	0.330	0.334	0.338	0.342	0.345	0.346	0.348	0.348
4.	0.313	0.321	0.328	0.335	0.341	0.347	0.353	0.357	0.361	0.364	0.366	0.367	0.368
6.	0.328	0.337	0.345	0.352	0.360	0.366	0.372	0.377	0.381	0.385	0.387	0.389	0.389
8.	0.345	0.354	0.363	0.371	0.379	0.386	0.393	0.398	0.403	0.407	0.410	0.411	0.412
10.	0.361	0.372	0.381	0.391	0.399	0.408	0.415	0.421	0.427	0.431	0.434	0.436	0.436
12.	0.379	0.390	0.401	0.411	0.421	0.430	0.438	0.445	0.451	0.456	0.460	0.462	0.463
14.	0.397	0.410	0.422	0.433	0.444	0.454	0.463	0.471	0.478	0.483	0.487	0.490	0.490
16.	0.417	0.430	0.443	0.456	0.468	0.479	0.490	0.499	0.506	0.512	0.517	0.519	0.520
18.	0.436	0.451	0.466	0.480	0.494	0.506	0.517	0.527	0.536	0.543	0.548	0.551	0.552
20.	0.457	0.473	0.490	0.505	0.520	0.534	0.547	0.558	0.567	0.575	0.581	0.584	0.585
22.	0.478	0.496	0.514	0.531	0.548	0.563	0.577	0.590	0.601	0.609	0.616	0.619	0.621
24.	0.499	0.519	0.539	0.558	0.576	0.593	0.609	0.623	0.635	0.645	0.652	0.656	0.658
26.	0.521	0.543	0.564	0.585	0.605	0.625	0.642	0.658	0.671	0.682	0.690	0.695	0.696
28.	0.543	0.566	0.590	0.613	0.635	0.656	0.676	0.693	0.708	0.720	0.729	0.735	0.736
30.	0.564	0.590	0.616	0.641	0.665	0.688	0.710	0.729	0.746	0.759	0.769	0.775	0.777
32.	0.585	0.613	0.641	0.668	0.695	0.720	0.744	0.765	0.784	0.799	0.810	0.816	0.819
34.	0.605	0.635	0.665	0.695	0.724	0.752	0.777	0.801	0.821	0.838	0.850	0.857	0.860
36.	0.625	0.656	0.688	0.720	0.752	0.782	0.810	0.835	0.857	0.875	0.889	0.897	0.900
38.	0.642	0.676	0.710	0.744	0.777	0.810	0.840	0.868	0.892	0.911	0.926	0.935	0.938
40.	0.658	0.693	0.729	0.765	0.801	0.835	0.868	0.897	0.923	0.944	0.960	0.970	0.973
42.	0.671	0.708	0.746	0.784	0.821	0.857	0.892	0.923	0.950	0.973	0.990	1.000	1.003
44.	0.682	0.720	0.759	0.799	0.838	0.875	0.911	0.944	0.973	0.996	1.014	1.025	1.029
46.	0.690	0.729	0.769	0.810	0.850	0.889	0.926	0.960	0.990	1.014	1.032	1.044	1.048
48.	0.695	0.735	0.775	0.816	0.857	0.897	0.935	0.970	1.000	1.025	1.044	1.055	1.059
50.	0.696	0.736	0.777	0.819	0.860	0.900	0.938	0.973	1.003	1.029	1.048	1.059	1.063

ROOM HEIGHT 70.0 DETECTOR HEIGHT 32.0 TWO SOURCES

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	0.197	0.203	0.210	0.216	0.223	0.230	0.237	0.244	0.251	0.258	0.265	0.272	0.278
2.	0.203	0.210	0.217	0.224	0.231	0.239	0.246	0.254	0.261	0.269	0.277	0.284	0.291
4.	0.210	0.217	0.224	0.232	0.240	0.248	0.256	0.264	0.272	0.281	0.289	0.297	0.305
6.	0.216	0.224	0.232	0.240	0.249	0.257	0.266	0.275	0.284	0.293	0.302	0.311	0.319
8.	0.223	0.231	0.240	0.249	0.258	0.267	0.276	0.286	0.296	0.305	0.315	0.325	0.335
10.	0.230	0.239	0.248	0.257	0.267	0.277	0.287	0.297	0.308	0.318	0.329	0.340	0.350
12.	0.237	0.246	0.256	0.266	0.276	0.287	0.298	0.309	0.320	0.332	0.344	0.355	0.367
14.	0.244	0.254	0.264	0.275	0.286	0.297	0.309	0.321	0.333	0.346	0.358	0.371	0.384
16.	0.251	0.261	0.272	0.284	0.296	0.308	0.320	0.333	0.347	0.360	0.374	0.388	0.401
18.	0.258	0.269	0.281	0.293	0.305	0.318	0.332	0.346	0.360	0.375	0.390	0.405	0.420
20.	0.265	0.277	0.289	0.302	0.315	0.329	0.344	0.358	0.374	0.390	0.406	0.422	0.438
22.	0.272	0.284	0.297	0.311	0.325	0.340	0.355	0.371	0.388	0.405	0.422	0.440	0.457
24.	0.278	0.291	0.305	0.319	0.335	0.350	0.367	0.384	0.401	0.420	0.438	0.457	0.477
26.	0.285	0.299	0.313	0.328	0.344	0.361	0.378	0.396	0.415	0.435	0.455	0.475	0.496
28.	0.291	0.305	0.320	0.336	0.353	0.371	0.389	0.408	0.429	0.449	0.471	0.493	0.516
30.	0.297	0.312	0.328	0.344	0.362	0.380	0.400	0.420	0.442	0.464	0.487	0.510	0.535
32.	0.303	0.318	0.335	0.352	0.370	0.390	0.410	0.432	0.454	0.478	0.502	0.527	0.553
34.	0.308	0.324	0.341	0.359	0.378	0.398	0.420	0.442	0.466	0.491	0.517	0.543	0.571
36.	0.313	0.329	0.347	0.365	0.385	0.406	0.429	0.452	0.477	0.503	0.530	0.558	0.588
38.	0.317	0.334	0.352	0.371	0.392	0.413	0.437	0.461	0.487	0.514	0.542	0.572	0.603
40.	0.320	0.338	0.356	0.376	0.397	0.420	0.443	0.469	0.495	0.524	0.553	0.584	0.616
42.	0.324	0.341	0.360	0.380	0.402	0.425	0.449	0.475	0.503	0.532	0.562	0.594	0.628
44.	0.326	0.344	0.363	0.384	0.406	0.429	0.454	0.481	0.509	0.539	0.570	0.603	0.637
46.	0.328	0.346	0.365	0.386	0.408	0.432	0.457	0.484	0.513	0.543	0.575	0.609	0.644
48.	0.329	0.347	0.367	0.388	0.410	0.434	0.460	0.487	0.516	0.546	0.579	0.612	0.648
50.	0.329	0.347	0.367	0.388	0.411	0.435	0.460	0.488	0.517	0.547	0.580	0.614	0.649

ROOM HEIGHT 70.0 DETECTOR HEIGHT 34.0 TWO SOURCES

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	0.197	0.203	0.210	0.216	0.223	0.230	0.237	0.244	0.251	0.258	0.265	0.272	0.278
2.	0.203	0.210	0.217	0.224	0.231	0.239	0.246	0.254	0.261	0.269	0.277	0.284	0.291
4.	0.210	0.217	0.224	0.232	0.240	0.248	0.256	0.264	0.272	0.281	0.289	0.297	0.305
6.	0.216	0.224	0.232	0.240	0.249	0.257	0.266	0.275	0.284	0.293	0.302	0.311	0.319
8.	0.223	0.231	0.240	0.249	0.258	0.267	0.276	0.286	0.296	0.305	0.315	0.325	0.334
10.	0.230	0.239	0.248	0.257	0.267	0.277	0.287	0.297	0.308	0.318	0.329	0.339	0.350
12.	0.237	0.246	0.256	0.266	0.276	0.287	0.298	0.309	0.320	0.332	0.343	0.355	0.366
14.	0.244	0.254	0.264	0.275	0.286	0.297	0.309	0.321	0.333	0.346	0.358	0.371	0.383
16.	0.251	0.261	0.272	0.284	0.296	0.308	0.320	0.333	0.346	0.360	0.373	0.387	0.401
18.	0.258	0.269	0.281	0.293	0.305	0.318	0.332	0.346	0.360	0.374	0.389	0.404	0.419
20.	0.265	0.277	0.289	0.302	0.315	0.329	0.343	0.358	0.373	0.389	0.405	0.421	0.437
22.	0.272	0.284	0.297	0.311	0.325	0.339	0.355	0.371	0.387	0.404	0.421	0.439	0.456
24.	0.278	0.291	0.305	0.319	0.334	0.350	0.366	0.383	0.401	0.419	0.437	0.456	0.476
26.	0.285	0.298	0.313	0.328	0.344	0.360	0.378	0.396	0.414	0.434	0.454	0.474	0.495
28.	0.291	0.305	0.320	0.336	0.353	0.370	0.389	0.408	0.428	0.448	0.470	0.492	0.514
30.	0.297	0.312	0.327	0.344	0.362	0.380	0.399	0.419	0.441	0.463	0.485	0.509	0.533
32.	0.303	0.318	0.334	0.352	0.370	0.389	0.409	0.431	0.453	0.476	0.500	0.525	0.551
34.	0.308	0.324	0.341	0.359	0.378	0.398	0.419	0.441	0.465	0.489	0.515	0.541	0.568
36.	0.312	0.329	0.346	0.365	0.385	0.406	0.428	0.451	0.476	0.501	0.528	0.556	0.585
38.	0.317	0.334	0.352	0.371	0.391	0.413	0.436	0.460	0.485	0.512	0.540	0.569	0.599
40.	0.320	0.338	0.356	0.376	0.397	0.419	0.443	0.468	0.494	0.522	0.551	0.581	0.613
42.	0.323	0.341	0.360	0.380	0.401	0.424	0.448	0.474	0.501	0.530	0.560	0.591	0.624
44.	0.326	0.344	0.363	0.383	0.405	0.428	0.453	0.479	0.507	0.536	0.567	0.599	0.633
46.	0.327	0.346	0.365	0.386	0.408	0.431	0.456	0.483	0.511	0.541	0.573	0.605	0.640
48.	0.329	0.347	0.366	0.387	0.409	0.433	0.458	0.485	0.514	0.544	0.576	0.609	0.644
50.	0.329	0.347	0.367	0.388	0.410	0.434	0.459	0.486	0.515	0.545	0.577	0.610	0.645

ROOM HEIGHT 70.0 DETECTOR HEIGHT 32.0 TWO SOURCES

X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	0.285	0.291	0.297	0.303	0.308	0.313	0.317	0.320	0.324	0.326	0.328	0.329	0.329
2.	0.299	0.305	0.312	0.318	0.324	0.329	0.334	0.338	0.341	0.344	0.346	0.347	0.347
4.	0.313	0.320	0.328	0.335	0.341	0.347	0.352	0.356	0.360	0.363	0.365	0.367	0.367
6.	0.328	0.336	0.344	0.352	0.359	0.365	0.371	0.376	0.380	0.384	0.386	0.388	0.388
8.	0.344	0.353	0.362	0.370	0.378	0.385	0.392	0.397	0.402	0.406	0.408	0.410	0.411
10.	0.361	0.371	0.380	0.390	0.398	0.406	0.413	0.420	0.425	0.429	0.432	0.434	0.435
12.	0.378	0.389	0.400	0.410	0.420	0.429	0.437	0.443	0.449	0.454	0.457	0.460	0.460
14.	0.396	0.408	0.420	0.432	0.442	0.452	0.461	0.469	0.475	0.481	0.484	0.487	0.488
16.	0.415	0.429	0.442	0.454	0.466	0.477	0.487	0.495	0.503	0.509	0.513	0.516	0.517
18.	0.435	0.449	0.464	0.478	0.491	0.503	0.514	0.524	0.532	0.539	0.543	0.546	0.547
20.	0.455	0.471	0.487	0.502	0.517	0.530	0.542	0.553	0.562	0.570	0.575	0.579	0.580
22.	0.475	0.493	0.510	0.527	0.543	0.558	0.572	0.584	0.594	0.603	0.609	0.612	0.613
24.	0.496	0.516	0.535	0.553	0.571	0.588	0.603	0.616	0.628	0.637	0.644	0.648	0.649
26.	0.517	0.539	0.559	0.580	0.599	0.617	0.634	0.649	0.662	0.672	0.680	0.684	0.686
28.	0.539	0.561	0.584	0.606	0.628	0.648	0.666	0.683	0.697	0.709	0.717	0.722	0.724
30.	0.559	0.584	0.609	0.633	0.656	0.678	0.699	0.717	0.733	0.745	0.755	0.760	0.762
32.	0.580	0.606	0.633	0.659	0.684	0.709	0.731	0.751	0.768	0.782	0.792	0.799	0.801
34.	0.599	0.628	0.656	0.684	0.712	0.738	0.762	0.784	0.803	0.818	0.830	0.836	0.839
36.	0.617	0.648	0.678	0.709	0.738	0.766	0.792	0.816	0.836	0.853	0.865	0.873	0.876
38.	0.634	0.666	0.699	0.731	0.762	0.792	0.820	0.846	0.868	0.886	0.899	0.907	0.910
40.	0.649	0.683	0.717	0.751	0.784	0.816	0.846	0.873	0.896	0.916	0.930	0.939	0.942
42.	0.662	0.697	0.733	0.768	0.803	0.836	0.868	0.896	0.921	0.942	0.957	0.966	0.969
44.	0.672	0.709	0.745	0.782	0.818	0.853	0.886	0.916	0.942	0.963	0.979	0.988	0.992
46.	0.680	0.717	0.755	0.792	0.830	0.865	0.899	0.930	0.957	0.979	0.995	1.005	1.008
48.	0.684	0.722	0.760	0.799	0.836	0.873	0.907	0.939	0.966	0.988	1.005	1.015	1.019
50.	0.686	0.724	0.762	0.801	0.839	0.876	0.910	0.942	0.969	0.992	1.008	1.019	1.022

ROOM HEIGHT 70.0 DETECTOR HEIGHT 34.0 TWO SOURCES

X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	0.285	0.291	0.297	0.303	0.308	0.312	0.317	0.320	0.323	0.326	0.327	0.329	0.329
2.	0.298	0.305	0.312	0.318	0.324	0.329	0.334	0.338	0.341	0.344	0.346	0.347	0.347
4.	0.313	0.320	0.327	0.334	0.341	0.346	0.352	0.356	0.360	0.363	0.365	0.366	0.367
6.	0.328	0.336	0.344	0.352	0.359	0.365	0.371	0.376	0.380	0.383	0.386	0.387	0.388
8.	0.344	0.353	0.362	0.370	0.378	0.385	0.391	0.397	0.401	0.405	0.408	0.409	0.410
10.	0.360	0.370	0.380	0.389	0.398	0.406	0.413	0.419	0.424	0.428	0.431	0.433	0.434
12.	0.378	0.389	0.399	0.409	0.419	0.428	0.436	0.443	0.448	0.453	0.456	0.458	0.459
14.	0.396	0.408	0.419	0.431	0.441	0.451	0.460	0.468	0.474	0.479	0.483	0.485	0.486
16.	0.414	0.428	0.441	0.453	0.465	0.476	0.485	0.494	0.501	0.507	0.511	0.514	0.515
18.	0.434	0.448	0.463	0.476	0.489	0.501	0.512	0.522	0.530	0.536	0.541	0.544	0.545
20.	0.454	0.470	0.485	0.500	0.515	0.528	0.540	0.551	0.560	0.567	0.573	0.576	0.577
22.	0.474	0.492	0.509	0.525	0.541	0.556	0.569	0.581	0.591	0.599	0.605	0.609	0.610
24.	0.495	0.514	0.533	0.551	0.568	0.585	0.599	0.613	0.624	0.633	0.640	0.644	0.645
26.	0.516	0.536	0.557	0.577	0.596	0.614	0.630	0.645	0.657	0.667	0.675	0.679	0.681
28.	0.536	0.559	0.581	0.603	0.624	0.644	0.662	0.678	0.692	0.703	0.711	0.716	0.718
30.	0.557	0.581	0.605	0.629	0.652	0.673	0.693	0.711	0.726	0.738	0.747	0.753	0.755
32.	0.577	0.603	0.629	0.655	0.679	0.703	0.724	0.744	0.760	0.774	0.784	0.790	0.792
34.	0.596	0.624	0.652	0.679	0.706	0.731	0.755	0.776	0.794	0.809	0.820	0.826	0.828
36.	0.614	0.644	0.673	0.703	0.731	0.759	0.784	0.807	0.826	0.842	0.854	0.861	0.864
38.	0.630	0.662	0.693	0.724	0.755	0.784	0.811	0.835	0.856	0.873	0.886	0.894	0.897
40.	0.645	0.678	0.711	0.744	0.776	0.807	0.835	0.861	0.884	0.902	0.915	0.924	0.926
42.	0.657	0.692	0.726	0.760	0.794	0.826	0.856	0.884	0.907	0.926	0.941	0.949	0.952
44.	0.667	0.703	0.738	0.774	0.809	0.842	0.873	0.902	0.926	0.947	0.961	0.971	0.974
46.	0.675	0.711	0.747	0.784	0.820	0.854	0.886	0.915	0.941	0.961	0.977	0.986	0.989
48.	0.679	0.716	0.753	0.790	0.826	0.861	0.894	0.924	0.949	0.971	0.986	0.996	0.999
50.	0.681	0.718	0.755	0.792	0.828	0.864	0.897	0.926	0.952	0.974	0.989	0.999	1.002

EIGHT EQUAL SOURCES

Rectangular Array,

50 Units High
100 x 100 Units in Area

ROOM HEIGHT 50.0 DETECTOR HEIGHT 0.

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	0.001	176.388	44.556	20.147	11.605	7.653	5.507	4.214	3.376	2.801	2.391	2.089	1.859
2.	176.388	88.502	35.773	18.199	10.965	7.388	5.381	4.148	3.339	2.781	2.380	2.083	1.857
4.	44.556	35.773	22.594	14.148	9.419	6.694	5.030	3.955	3.225	2.710	2.335	2.053	1.837
6.	20.147	18.199	14.148	10.396	7.665	5.807	4.546	3.673	3.053	2.600	2.262	2.004	1.803
8.	11.605	10.965	9.419	7.665	6.131	4.928	4.024	3.351	2.846	2.463	2.169	1.939	1.757
10.	7.653	7.388	6.694	5.807	4.928	4.160	3.529	3.025	2.627	2.313	2.063	1.864	1.703
12.	5.507	5.381	5.030	4.546	4.024	3.529	3.092	2.721	2.413	2.160	1.953	1.783	1.643
14.	4.214	4.148	3.955	3.673	3.351	3.025	2.721	2.450	2.214	2.013	1.843	1.700	1.580
16.	3.376	3.339	3.225	3.053	2.846	2.627	2.413	2.214	2.035	1.876	1.738	1.619	1.517
18.	2.801	2.781	2.710	2.600	2.463	2.313	2.160	2.013	1.876	1.752	1.640	1.542	1.456
20.	2.391	2.380	2.335	2.262	2.169	2.063	1.953	1.843	1.738	1.640	1.551	1.470	1.398
22.	2.089	2.083	2.053	2.004	1.939	1.864	1.783	1.700	1.619	1.542	1.470	1.404	1.344
24.	1.859	1.857	1.837	1.803	1.757	1.703	1.643	1.580	1.517	1.456	1.398	1.344	1.294
26.	1.682	1.682	1.669	1.645	1.612	1.572	1.527	1.479	1.430	1.381	1.335	1.290	1.249
28.	1.542	1.544	1.536	1.519	1.495	1.465	1.431	1.394	1.355	1.317	1.279	1.242	1.208
30.	1.431	1.434	1.429	1.417	1.399	1.377	1.351	1.322	1.292	1.261	1.230	1.200	1.171
32.	1.342	1.345	1.342	1.334	1.322	1.305	1.285	1.262	1.238	1.213	1.188	1.163	1.139
34.	1.270	1.273	1.273	1.267	1.258	1.245	1.230	1.212	1.192	1.172	1.151	1.131	1.110
36.	1.211	1.216	1.216	1.213	1.206	1.196	1.184	1.170	1.154	1.138	1.120	1.103	1.086
38.	1.165	1.169	1.170	1.168	1.164	1.156	1.147	1.135	1.123	1.109	1.095	1.080	1.065
40.	1.127	1.132	1.134	1.133	1.130	1.124	1.117	1.107	1.097	1.085	1.073	1.061	1.048
42.	1.098	1.103	1.106	1.106	1.103	1.099	1.093	1.085	1.076	1.067	1.056	1.045	1.034
44.	1.077	1.082	1.084	1.085	1.083	1.080	1.075	1.069	1.061	1.052	1.043	1.033	1.023
46.	1.062	1.067	1.070	1.071	1.070	1.067	1.063	1.057	1.050	1.042	1.034	1.025	1.016
48.	1.053	1.058	1.061	1.062	1.062	1.059	1.055	1.050	1.044	1.036	1.028	1.020	1.011
50.	1.050	1.055	1.058	1.059	1.059	1.057	1.053	1.048	1.042	1.034	1.027	1.018	1.010

ROOM HEIGHT 50.0 DETECTOR HEIGHT 2.0

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	176.408	88.523	35.793	18.219	10.984	7.407	5.359	4.166	3.356	2.796	2.394	2.096	1.870
2.	88.523	59.232	29.939	16.626	10.415	7.163	5.280	4.102	3.321	2.776	2.383	2.090	1.867
4.	35.793	29.939	20.178	13.207	9.025	6.516	4.946	3.916	3.210	2.708	2.339	2.062	1.848
6.	18.219	16.626	13.207	9.907	7.419	5.683	4.485	3.644	3.042	2.600	2.268	2.013	1.814
8.	10.984	10.415	9.025	7.419	5.989	4.850	3.984	3.332	2.841	2.466	2.176	1.949	1.769
10.	7.407	7.163	6.516	5.683	4.850	4.114	3.505	3.016	2.627	2.318	2.072	1.874	1.715
12.	5.359	5.280	4.946	4.485	3.984	3.505	3.080	2.718	2.417	2.168	1.963	1.794	1.655
14.	4.166	4.102	3.916	3.644	3.332	3.016	2.718	2.452	2.221	2.022	1.854	1.712	1.593
16.	3.356	3.321	3.210	3.042	2.841	2.627	2.417	2.221	2.043	1.887	1.750	1.632	1.530
18.	2.796	2.776	2.708	2.600	2.466	2.318	2.168	2.022	1.887	1.763	1.653	1.555	1.469
20.	2.394	2.383	2.339	2.268	2.176	2.072	1.963	1.854	1.750	1.653	1.564	1.483	1.411
22.	2.096	2.090	2.062	2.013	1.949	1.874	1.794	1.712	1.632	1.555	1.483	1.417	1.357
24.	1.870	1.867	1.848	1.814	1.769	1.715	1.655	1.593	1.530	1.469	1.411	1.357	1.307
26.	1.694	1.693	1.681	1.657	1.625	1.585	1.540	1.492	1.443	1.395	1.348	1.303	1.261
28.	1.555	1.556	1.548	1.532	1.508	1.478	1.444	1.407	1.368	1.330	1.292	1.255	1.220
30.	1.444	1.446	1.442	1.430	1.413	1.390	1.364	1.335	1.305	1.274	1.243	1.212	1.183
32.	1.355	1.358	1.355	1.347	1.335	1.318	1.298	1.275	1.251	1.226	1.200	1.175	1.151
34.	1.283	1.286	1.285	1.280	1.271	1.258	1.242	1.225	1.205	1.185	1.164	1.143	1.122
36.	1.224	1.228	1.229	1.225	1.219	1.209	1.197	1.182	1.167	1.150	1.133	1.115	1.098
38.	1.177	1.182	1.183	1.181	1.176	1.169	1.159	1.148	1.135	1.121	1.106	1.092	1.077
40.	1.140	1.144	1.146	1.145	1.142	1.136	1.129	1.120	1.109	1.097	1.085	1.072	1.059
42.	1.111	1.115	1.118	1.118	1.116	1.111	1.105	1.097	1.088	1.078	1.068	1.057	1.045
44.	1.089	1.094	1.097	1.097	1.096	1.092	1.087	1.080	1.073	1.064	1.055	1.045	1.034
46.	1.074	1.079	1.082	1.083	1.082	1.079	1.074	1.069	1.062	1.054	1.045	1.036	1.027
48.	1.065	1.070	1.073	1.074	1.073	1.071	1.067	1.062	1.055	1.048	1.040	1.031	1.022
50.	1.062	1.067	1.070	1.071	1.071	1.068	1.065	1.059	1.053	1.046	1.038	1.029	1.021

ROOF HEIGHT 50.0 DETECTOR HEIGHT 0.

X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	1.682	1.542	1.431	1.342	1.270	1.211	1.165	1.127	1.098	1.077	1.062	1.053	1.050
2.	1.682	1.544	1.434	1.345	1.273	1.216	1.169	1.132	1.103	1.082	1.067	1.058	1.055
4.	1.669	1.536	1.429	1.342	1.273	1.216	1.170	1.134	1.106	1.084	1.070	1.061	1.058
6.	1.645	1.519	1.417	1.334	1.267	1.213	1.168	1.133	1.106	1.085	1.071	1.062	1.059
8.	1.612	1.495	1.399	1.322	1.258	1.206	1.164	1.130	1.103	1.083	1.070	1.062	1.059
10.	1.572	1.465	1.377	1.305	1.245	1.196	1.156	1.124	1.099	1.080	1.067	1.059	1.057
12.	1.527	1.431	1.351	1.285	1.230	1.184	1.147	1.117	1.093	1.075	1.063	1.055	1.053
14.	1.479	1.394	1.322	1.262	1.212	1.170	1.135	1.107	1.085	1.069	1.057	1.050	1.048
16.	1.430	1.355	1.292	1.238	1.192	1.154	1.123	1.097	1.076	1.061	1.050	1.044	1.042
18.	1.381	1.317	1.261	1.213	1.172	1.138	1.109	1.085	1.067	1.052	1.042	1.036	1.034
20.	1.335	1.279	1.230	1.188	1.151	1.120	1.095	1.073	1.056	1.043	1.034	1.028	1.027
22.	1.290	1.242	1.200	1.163	1.131	1.103	1.080	1.061	1.045	1.033	1.025	1.020	1.018
24.	1.249	1.208	1.171	1.139	1.110	1.086	1.065	1.048	1.034	1.023	1.016	1.011	1.010
26.	1.210	1.175	1.144	1.116	1.091	1.069	1.051	1.035	1.023	1.013	1.006	1.002	1.001
28.	1.175	1.145	1.118	1.094	1.072	1.053	1.037	1.023	1.012	1.003	0.997	0.994	0.992
30.	1.144	1.118	1.095	1.074	1.055	1.038	1.024	1.012	1.002	0.994	0.988	0.985	0.984
32.	1.116	1.094	1.074	1.055	1.039	1.024	1.011	1.001	0.992	0.985	0.980	0.977	0.976
34.	1.091	1.072	1.055	1.039	1.024	1.011	1.000	0.990	0.983	0.976	0.972	0.969	0.968
36.	1.069	1.053	1.038	1.024	1.011	1.000	0.990	0.981	0.974	0.969	0.965	0.962	0.962
38.	1.051	1.037	1.024	1.011	1.000	0.990	0.981	0.973	0.967	0.962	0.958	0.956	0.955
40.	1.035	1.023	1.012	1.001	0.990	0.981	0.973	0.966	0.961	0.956	0.953	0.951	0.950
42.	1.023	1.012	1.002	0.992	0.983	0.974	0.967	0.961	0.955	0.951	0.948	0.946	0.946
44.	1.013	1.003	0.994	0.985	0.976	0.969	0.962	0.956	0.951	0.947	0.944	0.943	0.942
46.	1.006	0.997	0.988	0.980	0.972	0.965	0.958	0.953	0.948	0.944	0.942	0.940	0.940
48.	1.002	0.994	0.985	0.977	0.969	0.962	0.956	0.951	0.946	0.943	0.940	0.939	0.938
50.	1.001	0.992	0.984	0.976	0.968	0.962	0.955	0.950	0.946	0.942	0.940	0.938	0.937

ROOF HEIGHT 50.0 DETECTOR HEIGHT 2.0

X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	1.694	1.555	1.444	1.355	1.283	1.224	1.177	1.140	1.111	1.089	1.074	1.065	1.062
2.	1.693	1.556	1.446	1.358	1.286	1.228	1.182	1.144	1.115	1.094	1.079	1.070	1.067
4.	1.681	1.548	1.442	1.355	1.285	1.229	1.183	1.146	1.118	1.097	1.082	1.073	1.070
6.	1.657	1.532	1.430	1.347	1.280	1.225	1.181	1.145	1.118	1.097	1.083	1.074	1.071
8.	1.625	1.508	1.413	1.335	1.271	1.219	1.176	1.142	1.116	1.096	1.082	1.073	1.071
10.	1.585	1.478	1.390	1.318	1.258	1.209	1.169	1.136	1.111	1.092	1.079	1.071	1.068
12.	1.540	1.444	1.364	1.298	1.242	1.197	1.159	1.129	1.105	1.087	1.074	1.067	1.065
14.	1.492	1.407	1.335	1.275	1.225	1.182	1.148	1.120	1.097	1.080	1.069	1.062	1.059
16.	1.443	1.368	1.305	1.251	1.205	1.167	1.135	1.109	1.088	1.073	1.062	1.055	1.053
18.	1.395	1.330	1.274	1.226	1.185	1.150	1.121	1.097	1.078	1.064	1.054	1.048	1.046
20.	1.348	1.292	1.243	1.200	1.164	1.133	1.106	1.085	1.068	1.055	1.045	1.040	1.038
22.	1.303	1.255	1.212	1.175	1.143	1.115	1.092	1.072	1.057	1.045	1.036	1.031	1.029
24.	1.261	1.220	1.183	1.151	1.122	1.098	1.077	1.059	1.045	1.034	1.027	1.022	1.021
26.	1.223	1.188	1.156	1.128	1.102	1.081	1.062	1.047	1.034	1.024	1.017	1.013	1.012
28.	1.188	1.158	1.130	1.106	1.084	1.065	1.048	1.034	1.023	1.016	1.008	1.004	1.003
30.	1.156	1.130	1.107	1.085	1.066	1.049	1.035	1.022	1.012	1.004	0.999	0.996	0.995
32.	1.128	1.106	1.085	1.067	1.050	1.035	1.022	1.011	1.002	0.995	0.990	0.987	0.986
34.	1.102	1.084	1.066	1.050	1.035	1.022	1.011	1.001	0.993	0.987	0.982	0.980	0.979
36.	1.081	1.065	1.049	1.035	1.022	1.011	1.000	0.992	0.985	0.979	0.975	0.972	0.972
38.	1.062	1.048	1.035	1.022	1.011	1.000	0.991	0.983	0.977	0.972	0.968	0.966	0.965
40.	1.047	1.034	1.022	1.011	1.001	0.992	0.983	0.976	0.971	0.966	0.963	0.961	0.960
42.	1.034	1.023	1.012	1.002	0.993	0.985	0.977	0.971	0.965	0.961	0.958	0.956	0.955
44.	1.024	1.014	1.004	0.995	0.987	0.979	0.972	0.966	0.961	0.957	0.954	0.952	0.952
46.	1.017	1.008	0.999	0.990	0.982	0.975	0.968	0.963	0.958	0.954	0.951	0.950	0.949
48.	1.013	1.004	0.996	0.987	0.980	0.972	0.966	0.961	0.956	0.952	0.950	0.948	0.948
50.	1.012	1.003	0.995	0.986	0.979	0.972	0.965	0.960	0.955	0.952	0.949	0.948	0.947

ROOM HEIGHT 50.0 DETECTOR HEIGHT 4.C

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	44.601	35.817	22.638	14.191	9.461	6.735	5.069	3.992	3.261	2.744	2.366	2.083	1.865
2.	35.817	29.964	20.202	13.230	9.048	6.538	4.968	3.936	3.229	2.726	2.356	2.077	1.863
4.	22.638	20.202	15.324	11.019	8.006	6.011	4.68E	3.77C	3.128	2.662	2.315	2.050	1.845
6.	14.191	13.230	11.019	8.673	6.747	5.313	4.276	3.525	2.973	2.561	2.247	2.004	1.812
8.	9.461	9.048	8.006	6.747	5.571	4.597	3.831	3.241	2.786	2.435	2.160	1.942	1.768
10.	6.735	6.538	6.011	5.313	4.597	3.948	3.399	2.949	2.587	2.295	2.060	1.871	1.716
12.	5.069	4.968	4.680	4.276	3.831	3.399	3.CC9	2.673	2.389	2.152	1.956	1.793	1.658
14.	3.992	3.936	3.770	3.525	3.241	2.949	2.673	2.422	2.2C3	2.013	1.851	1.714	1.597
16.	3.261	3.229	3.128	2.973	2.786	2.587	2.389	2.2C3	2.033	1.883	1.750	1.635	1.536
18.	2.744	2.726	2.662	2.561	2.435	2.295	2.152	2.013	1.883	1.763	1.656	1.560	1.476
20.	2.366	2.356	2.315	2.247	2.160	2.06C	1.956	1.851	1.750	1.656	1.569	1.490	1.419
22.	2.083	2.077	2.050	2.004	1.942	1.871	1.793	1.714	1.635	1.560	1.490	1.425	1.366
24.	1.865	1.863	1.845	1.812	1.768	1.716	1.658	1.597	1.536	1.476	1.419	1.366	1.316
26.	1.695	1.695	1.683	1.660	1.628	1.589	1.545	1.498	1.450	1.403	1.356	1.312	1.271
28.	1.559	1.561	1.553	1.537	1.514	1.485	1.451	1.415	1.377	1.339	1.301	1.265	1.230
30.	1.451	1.453	1.449	1.438	1.420	1.398	1.373	1.344	1.314	1.283	1.253	1.222	1.193
32.	1.363	1.366	1.364	1.356	1.344	1.327	1.3C7	1.285	1.261	1.236	1.210	1.185	1.161
34.	1.292	1.296	1.295	1.290	1.280	1.268	1.252	1.235	1.215	1.195	1.174	1.153	1.132
36.	1.234	1.238	1.239	1.235	1.229	1.219	1.2C7	1.193	1.177	1.160	1.143	1.125	1.108
38.	1.187	1.192	1.193	1.191	1.186	1.179	1.169	1.158	1.145	1.131	1.117	1.102	1.087
40.	1.15C	1.155	1.157	1.156	1.153	1.147	1.139	1.13C	1.119	1.108	1.095	1.082	1.069
42.	1.121	1.126	1.128	1.128	1.126	1.122	1.115	1.1C8	1.099	1.089	1.078	1.067	1.055
44.	1.099	1.104	1.107	1.107	1.106	1.1C3	1.097	1.C91	1.083	1.074	1.065	1.055	1.044
46.	1.084	1.089	1.092	1.093	1.092	1.089	1.085	1.C79	1.072	1.064	1.055	1.046	1.037
48.	1.075	1.080	1.083	1.085	1.084	1.081	1.077	1.C72	1.065	1.058	1.050	1.041	1.032
5C.	1.072	1.077	1.081	1.082	1.081	1.079	1.075	1.C70	1.063	1.056	1.048	1.039	1.031

ROOM HEIGHT 50.0 DETECTOR HEIGHT 6.C

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	20.220	18.272	14.219	10.466	7.734	5.874	4.61C	3.734	3.11C	2.654	2.313	2.051	1.848
2.	18.272	16.679	13.259	9.958	7.469	5.731	4.531	3.688	3.083	2.639	2.304	2.047	1.846
4.	14.219	13.259	11.048	8.701	6.774	5.339	4.3C1	3.549	2.996	2.582	2.266	2.022	1.829
6.	10.466	9.958	8.701	7.224	5.886	4.8C5	3.973	3.341	2.860	2.491	2.204	1.979	1.799
8.	7.734	7.469	6.774	5.886	5.005	4.235	3.6C1	3.C95	2.694	2.377	2.124	1.921	1.757
10.	5.874	5.731	5.339	4.805	4.235	3.7CC	3.233	2.839	2.515	2.249	2.032	1.854	1.708
12.	4.61C	4.531	4.301	3.973	3.601	3.233	2.893	2.593	2.335	2.118	1.935	1.781	1.652
14.	3.734	3.688	3.549	3.341	3.095	2.839	2.593	2.366	2.165	1.988	1.836	1.706	1.594
16.	3.11C	3.083	2.996	2.860	2.694	2.515	2.335	2.165	2.0C7	1.866	1.741	1.631	1.536
18.	2.654	2.639	2.582	2.491	2.377	2.249	2.118	1.988	1.866	1.753	1.651	1.559	1.478
2C.	2.313	2.304	2.266	2.204	2.124	2.032	1.935	1.836	1.741	1.651	1.567	1.491	1.423
22.	2.051	2.047	2.022	1.979	1.921	1.854	1.781	1.7C6	1.631	1.559	1.491	1.428	1.371
24.	1.848	1.846	1.829	1.799	1.757	1.7C8	1.652	1.594	1.536	1.478	1.423	1.371	1.322
26.	1.686	1.687	1.676	1.654	1.624	1.586	1.544	1.499	1.453	1.407	1.362	1.318	1.278
28.	1.557	1.559	1.552	1.536	1.514	1.486	1.454	1.418	1.382	1.344	1.307	1.272	1.237
3C.	1.452	1.455	1.451	1.440	1.424	1.4C2	1.377	1.350	1.320	1.290	1.260	1.230	1.201
32.	1.367	1.371	1.368	1.361	1.349	1.333	1.313	1.291	1.268	1.243	1.218	1.193	1.169
34.	1.298	1.302	1.301	1.296	1.287	1.275	1.259	1.242	1.223	1.203	1.182	1.161	1.141
36.	1.241	1.245	1.246	1.243	1.236	1.227	1.215	1.2C1	1.185	1.169	1.151	1.134	1.116
38.	1.195	1.200	1.201	1.199	1.195	1.187	1.178	1.166	1.154	1.140	1.125	1.110	1.095
40.	1.158	1.163	1.165	1.164	1.161	1.155	1.148	1.139	1.128	1.116	1.104	1.091	1.078
42.	1.129	1.134	1.137	1.137	1.135	1.130	1.124	1.117	1.1C8	1.097	1.087	1.075	1.064
44.	1.1C8	1.113	1.116	1.116	1.115	1.112	1.1C6	1.1C0	1.092	1.083	1.074	1.063	1.053
46.	1.093	1.098	1.101	1.102	1.101	1.098	1.094	1.C88	1.081	1.073	1.064	1.055	1.045
48.	1.084	1.089	1.092	1.094	1.093	1.09C	1.086	1.C81	1.075	1.067	1.059	1.050	1.041
5C.	1.081	1.086	1.090	1.091	1.090	1.088	1.C84	1.C79	1.072	1.065	1.057	1.048	1.039

	ROOF HEIGHT		50.0		DETECTOR HEIGHT			4.0					
X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	1.695	1.559	1.451	1.363	1.292	1.234	1.187	1.150	1.121	1.099	1.084	1.075	1.072
2.	1.695	1.561	1.453	1.366	1.296	1.238	1.192	1.155	1.126	1.104	1.089	1.080	1.077
4.	1.683	1.553	1.449	1.364	1.295	1.239	1.193	1.157	1.128	1.107	1.092	1.083	1.081
6.	1.660	1.537	1.438	1.356	1.290	1.235	1.191	1.156	1.128	1.107	1.093	1.085	1.082
8.	1.628	1.514	1.420	1.344	1.280	1.229	1.186	1.153	1.126	1.106	1.092	1.084	1.081
10.	1.589	1.485	1.398	1.327	1.268	1.219	1.179	1.147	1.122	1.103	1.089	1.081	1.079
12.	1.545	1.451	1.373	1.307	1.252	1.207	1.169	1.139	1.115	1.097	1.085	1.077	1.075
14.	1.498	1.415	1.344	1.285	1.235	1.193	1.158	1.130	1.108	1.091	1.079	1.072	1.070
16.	1.450	1.377	1.314	1.261	1.215	1.177	1.145	1.119	1.099	1.083	1.072	1.065	1.063
18.	1.403	1.339	1.283	1.236	1.195	1.160	1.131	1.108	1.089	1.074	1.064	1.058	1.056
20.	1.356	1.301	1.253	1.210	1.174	1.143	1.117	1.095	1.078	1.065	1.055	1.050	1.048
22.	1.312	1.265	1.222	1.185	1.153	1.125	1.102	1.082	1.067	1.055	1.046	1.041	1.039
24.	1.271	1.230	1.193	1.161	1.132	1.108	1.087	1.069	1.055	1.044	1.037	1.032	1.031
26.	1.233	1.198	1.166	1.138	1.113	1.091	1.072	1.056	1.044	1.034	1.027	1.023	1.022
28.	1.198	1.168	1.140	1.116	1.094	1.075	1.058	1.044	1.033	1.024	1.018	1.014	1.013
30.	1.166	1.140	1.117	1.095	1.076	1.059	1.046	1.032	1.022	1.014	1.008	1.005	1.004
32.	1.138	1.116	1.095	1.077	1.060	1.045	1.032	1.021	1.012	1.005	1.000	0.997	0.996
34.	1.113	1.094	1.076	1.060	1.045	1.032	1.020	1.010	1.002	0.996	0.992	0.989	0.988
36.	1.091	1.075	1.059	1.045	1.032	1.020	1.010	1.001	0.994	0.988	0.984	0.982	0.981
38.	1.072	1.058	1.044	1.032	1.020	1.010	1.001	0.993	0.986	0.981	0.977	0.975	0.974
40.	1.056	1.044	1.032	1.021	1.010	1.001	0.993	0.986	0.980	0.975	0.972	0.970	0.969
42.	1.044	1.033	1.022	1.012	1.002	0.994	0.986	0.980	0.974	0.970	0.967	0.965	0.964
44.	1.034	1.024	1.014	1.005	0.996	0.988	0.981	0.975	0.970	0.966	0.963	0.961	0.961
46.	1.027	1.018	1.008	1.000	0.992	0.984	0.977	0.972	0.967	0.963	0.960	0.959	0.958
48.	1.023	1.014	1.005	0.997	0.989	0.982	0.975	0.970	0.965	0.961	0.959	0.957	0.956
50.	1.022	1.013	1.004	0.996	0.988	0.981	0.974	0.969	0.964	0.961	0.958	0.956	0.956

	ROOF HEIGHT		50.0		DETECTOR HEIGHT			6.0					
X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	1.686	1.557	1.452	1.367	1.298	1.241	1.195	1.158	1.129	1.108	1.093	1.084	1.081
2.	1.687	1.559	1.455	1.371	1.302	1.245	1.200	1.163	1.134	1.113	1.098	1.089	1.086
4.	1.676	1.552	1.451	1.368	1.301	1.246	1.201	1.165	1.137	1.116	1.101	1.092	1.090
6.	1.654	1.536	1.440	1.361	1.296	1.242	1.199	1.164	1.137	1.116	1.102	1.094	1.091
8.	1.624	1.514	1.424	1.349	1.287	1.236	1.195	1.161	1.135	1.115	1.101	1.093	1.090
10.	1.586	1.486	1.402	1.333	1.275	1.227	1.187	1.155	1.130	1.112	1.098	1.090	1.088
12.	1.544	1.454	1.377	1.313	1.259	1.215	1.178	1.148	1.124	1.106	1.094	1.086	1.084
14.	1.499	1.418	1.350	1.291	1.242	1.201	1.166	1.139	1.117	1.100	1.088	1.081	1.079
16.	1.453	1.382	1.320	1.268	1.223	1.185	1.154	1.128	1.108	1.092	1.081	1.075	1.072
18.	1.407	1.344	1.290	1.243	1.203	1.169	1.140	1.116	1.097	1.083	1.073	1.067	1.065
20.	1.362	1.307	1.260	1.218	1.182	1.151	1.125	1.104	1.087	1.074	1.064	1.059	1.057
22.	1.318	1.272	1.230	1.193	1.161	1.134	1.110	1.091	1.075	1.063	1.055	1.050	1.048
24.	1.278	1.237	1.201	1.169	1.141	1.116	1.095	1.078	1.064	1.053	1.045	1.041	1.039
26.	1.240	1.206	1.174	1.146	1.121	1.099	1.081	1.065	1.053	1.043	1.036	1.032	1.030
28.	1.206	1.176	1.149	1.124	1.102	1.083	1.067	1.053	1.041	1.033	1.026	1.023	1.021
30.	1.174	1.149	1.125	1.104	1.085	1.068	1.053	1.041	1.031	1.023	1.017	1.014	1.013
32.	1.146	1.124	1.104	1.085	1.068	1.054	1.040	1.029	1.020	1.013	1.008	1.005	1.004
34.	1.121	1.102	1.085	1.068	1.054	1.040	1.029	1.019	1.011	1.005	1.000	0.997	0.996
36.	1.099	1.083	1.068	1.054	1.040	1.029	1.018	1.010	1.002	0.997	0.992	0.990	0.989
38.	1.081	1.067	1.053	1.040	1.029	1.018	1.009	1.001	0.995	0.989	0.986	0.983	0.983
40.	1.065	1.053	1.041	1.029	1.019	1.010	1.001	0.994	0.988	0.983	0.980	0.978	0.977
42.	1.053	1.041	1.031	1.020	1.011	1.002	0.995	0.988	0.982	0.978	0.975	0.973	0.972
44.	1.043	1.033	1.023	1.013	1.005	0.997	0.989	0.983	0.978	0.974	0.971	0.969	0.969
46.	1.036	1.026	1.017	1.008	1.000	0.992	0.986	0.980	0.975	0.971	0.968	0.967	0.966
48.	1.032	1.023	1.014	1.005	0.997	0.990	0.983	0.978	0.973	0.969	0.967	0.965	0.965
50.	1.030	1.021	1.013	1.004	0.996	0.989	0.983	0.977	0.972	0.969	0.966	0.965	0.964

ROOM HEIGHT 50.0 DETECTOR HEIGHT 8.0

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	11.712	11.071	9.523	7.768	6.231	5.025	4.116	3.438	2.929	2.541	2.242	2.007	1.820
2.	11.071	10.501	9.110	7.503	6.070	4.928	4.058	3.403	2.907	2.528	2.234	2.003	1.819
4.	9.523	9.110	8.068	6.807	5.630	4.653	3.885	3.292	2.834	2.480	2.202	1.981	1.804
6.	7.768	7.503	6.807	5.918	5.037	4.265	3.630	3.123	2.720	2.401	2.147	1.942	1.776
8.	6.231	6.070	5.630	5.037	4.413	3.835	3.336	2.919	2.578	2.301	2.075	1.890	1.738
10.	5.025	4.928	4.653	4.265	3.835	3.415	3.034	2.703	2.423	2.188	1.992	1.828	1.692
12.	4.116	4.058	3.885	3.630	3.336	3.034	2.749	2.491	2.264	2.069	1.902	1.761	1.640
14.	3.438	3.403	3.292	3.123	2.919	2.703	2.491	2.292	2.112	1.952	1.812	1.690	1.586
16.	2.929	2.907	2.834	2.720	2.578	2.423	2.264	2.112	1.969	1.839	1.723	1.620	1.530
18.	2.541	2.528	2.480	2.401	2.301	2.188	2.069	1.952	1.839	1.735	1.639	1.552	1.475
20.	2.242	2.234	2.202	2.147	2.075	1.992	1.902	1.812	1.723	1.639	1.560	1.488	1.422
22.	2.007	2.003	1.981	1.942	1.890	1.828	1.761	1.690	1.620	1.552	1.488	1.427	1.372
24.	1.820	1.819	1.804	1.776	1.738	1.692	1.640	1.586	1.530	1.475	1.422	1.372	1.325
26.	1.670	1.671	1.661	1.641	1.613	1.578	1.538	1.495	1.451	1.407	1.363	1.321	1.282
28.	1.549	1.551	1.546	1.530	1.509	1.482	1.452	1.418	1.383	1.346	1.311	1.276	1.243
30.	1.449	1.452	1.448	1.438	1.423	1.402	1.378	1.352	1.323	1.294	1.264	1.235	1.207
32.	1.368	1.371	1.369	1.362	1.351	1.335	1.316	1.295	1.272	1.248	1.224	1.199	1.176
34.	1.301	1.305	1.304	1.299	1.291	1.279	1.264	1.247	1.228	1.209	1.188	1.168	1.148
36.	1.246	1.250	1.251	1.248	1.241	1.232	1.220	1.207	1.192	1.175	1.158	1.141	1.124
38.	1.201	1.205	1.207	1.205	1.201	1.194	1.184	1.173	1.161	1.147	1.132	1.118	1.103
40.	1.165	1.170	1.172	1.171	1.168	1.162	1.155	1.146	1.135	1.124	1.111	1.099	1.086
42.	1.136	1.141	1.144	1.144	1.142	1.138	1.132	1.124	1.115	1.105	1.094	1.083	1.072
44.	1.115	1.120	1.123	1.124	1.122	1.119	1.114	1.107	1.100	1.091	1.081	1.071	1.061
46.	1.100	1.106	1.109	1.110	1.109	1.106	1.102	1.096	1.089	1.081	1.072	1.063	1.053
48.	1.092	1.097	1.100	1.101	1.101	1.098	1.094	1.089	1.082	1.075	1.067	1.058	1.049
50.	1.089	1.094	1.097	1.099	1.098	1.096	1.092	1.087	1.080	1.073	1.065	1.056	1.047

ROOM HEIGHT 50.0 DETECTOR HEIGHT 10.0

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	7.799	7.533	6.837	5.947	5.064	4.291	3.654	3.144	2.739	2.418	2.161	1.954	1.787
2.	7.533	7.288	6.640	5.805	4.968	4.227	3.613	3.118	2.723	2.408	2.156	1.952	1.786
4.	6.837	6.640	6.111	5.412	4.692	4.040	3.486	3.032	2.664	2.368	2.128	1.933	1.773
6.	5.947	5.805	5.412	4.876	4.303	3.766	3.295	2.898	2.570	2.301	2.080	1.898	1.748
8.	5.064	4.968	4.692	4.303	3.872	3.450	3.068	2.735	2.452	2.215	2.017	1.852	1.713
10.	4.291	4.227	4.040	3.766	3.450	3.130	2.828	2.557	2.320	2.117	1.943	1.796	1.671
12.	3.654	3.613	3.486	3.295	3.068	2.828	2.595	2.379	2.184	2.013	1.863	1.734	1.623
14.	3.144	3.118	3.032	2.898	2.735	2.557	2.379	2.208	2.050	1.908	1.781	1.670	1.573
16.	2.739	2.723	2.664	2.570	2.452	2.320	2.184	2.050	1.924	1.806	1.700	1.605	1.521
18.	2.418	2.408	2.368	2.301	2.215	2.117	2.013	1.908	1.806	1.711	1.622	1.542	1.469
20.	2.161	2.156	2.128	2.080	2.017	1.943	1.863	1.781	1.700	1.622	1.549	1.481	1.419
22.	1.954	1.952	1.933	1.898	1.852	1.796	1.734	1.670	1.605	1.542	1.481	1.424	1.371
24.	1.787	1.786	1.773	1.748	1.713	1.671	1.623	1.573	1.521	1.469	1.419	1.371	1.326
26.	1.649	1.651	1.642	1.624	1.598	1.565	1.528	1.488	1.446	1.404	1.362	1.322	1.284
28.	1.536	1.539	1.533	1.520	1.500	1.475	1.446	1.414	1.381	1.346	1.312	1.278	1.246
30.	1.443	1.446	1.443	1.433	1.419	1.399	1.377	1.351	1.324	1.296	1.267	1.239	1.211
32.	1.365	1.369	1.367	1.361	1.350	1.335	1.317	1.297	1.275	1.251	1.228	1.204	1.181
34.	1.301	1.305	1.305	1.301	1.293	1.281	1.267	1.250	1.232	1.213	1.193	1.173	1.153
36.	1.248	1.253	1.253	1.251	1.245	1.236	1.224	1.211	1.196	1.180	1.163	1.146	1.129
38.	1.205	1.209	1.211	1.209	1.205	1.198	1.189	1.178	1.166	1.153	1.138	1.124	1.109
40.	1.170	1.174	1.177	1.176	1.173	1.168	1.161	1.152	1.141	1.130	1.117	1.105	1.092
42.	1.142	1.147	1.150	1.150	1.148	1.144	1.138	1.130	1.121	1.111	1.101	1.090	1.078
44.	1.121	1.126	1.129	1.130	1.129	1.125	1.120	1.114	1.106	1.097	1.088	1.078	1.067
46.	1.107	1.112	1.115	1.116	1.115	1.112	1.108	1.102	1.095	1.087	1.079	1.069	1.060
48.	1.098	1.103	1.107	1.108	1.107	1.105	1.101	1.096	1.089	1.081	1.073	1.064	1.055
50.	1.095	1.101	1.104	1.105	1.105	1.102	1.099	1.093	1.087	1.080	1.071	1.063	1.054

ROOM HEIGHT 50.0 DETECTOR HEIGHT 8.0

X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	1.670	1.549	1.449	1.369	1.301	1.246	1.201	1.165	1.136	1.115	1.100	1.092	1.089
2.	1.671	1.551	1.452	1.371	1.305	1.250	1.205	1.170	1.141	1.120	1.106	1.097	1.094
4.	1.661	1.544	1.448	1.369	1.304	1.251	1.207	1.172	1.144	1.123	1.109	1.100	1.097
6.	1.641	1.530	1.438	1.362	1.299	1.248	1.205	1.171	1.144	1.124	1.110	1.101	1.099
8.	1.613	1.509	1.423	1.351	1.291	1.241	1.201	1.168	1.142	1.122	1.109	1.101	1.098
10.	1.578	1.482	1.402	1.335	1.279	1.232	1.194	1.162	1.138	1.119	1.106	1.098	1.096
12.	1.538	1.452	1.378	1.316	1.264	1.220	1.184	1.155	1.132	1.114	1.102	1.094	1.092
14.	1.495	1.418	1.352	1.295	1.247	1.207	1.173	1.146	1.124	1.107	1.096	1.089	1.087
16.	1.451	1.383	1.323	1.272	1.228	1.192	1.161	1.135	1.115	1.100	1.089	1.082	1.080
18.	1.407	1.346	1.294	1.248	1.209	1.175	1.147	1.124	1.105	1.091	1.081	1.075	1.073
20.	1.363	1.311	1.264	1.224	1.188	1.158	1.132	1.111	1.094	1.081	1.072	1.067	1.065
22.	1.321	1.276	1.235	1.199	1.168	1.141	1.118	1.099	1.083	1.071	1.063	1.058	1.056
24.	1.282	1.243	1.207	1.176	1.148	1.124	1.103	1.086	1.072	1.061	1.053	1.049	1.047
26.	1.245	1.211	1.181	1.153	1.128	1.107	1.088	1.073	1.060	1.050	1.043	1.039	1.038
28.	1.211	1.182	1.155	1.131	1.110	1.091	1.074	1.060	1.049	1.040	1.034	1.030	1.029
30.	1.181	1.155	1.132	1.111	1.092	1.075	1.061	1.048	1.038	1.030	1.025	1.021	1.020
32.	1.153	1.131	1.111	1.093	1.076	1.061	1.048	1.037	1.028	1.021	1.016	1.013	1.012
34.	1.128	1.110	1.092	1.076	1.061	1.048	1.036	1.026	1.018	1.012	1.007	1.005	1.004
36.	1.107	1.091	1.075	1.061	1.048	1.036	1.026	1.017	1.010	1.004	1.000	0.997	0.997
38.	1.088	1.074	1.061	1.048	1.036	1.026	1.017	1.009	1.002	0.997	0.993	0.991	0.990
40.	1.073	1.060	1.048	1.037	1.026	1.017	1.009	1.001	0.995	0.991	0.987	0.985	0.984
42.	1.060	1.049	1.038	1.028	1.018	1.010	1.002	0.995	0.990	0.985	0.982	0.980	0.980
44.	1.050	1.040	1.030	1.021	1.012	1.004	0.997	0.991	0.985	0.981	0.978	0.977	0.976
46.	1.043	1.034	1.025	1.016	1.007	1.000	0.993	0.987	0.982	0.978	0.976	0.974	0.973
48.	1.039	1.030	1.021	1.013	1.005	0.997	0.991	0.985	0.980	0.977	0.974	0.972	0.972
50.	1.038	1.029	1.020	1.012	1.004	0.997	0.990	0.984	0.980	0.976	0.973	0.972	0.971

ROOM HEIGHT 50.0 DETECTOR HEIGHT 10.0

X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	1.649	1.536	1.443	1.365	1.301	1.248	1.205	1.170	1.142	1.121	1.107	1.098	1.095
2.	1.651	1.539	1.446	1.369	1.305	1.253	1.209	1.174	1.147	1.126	1.112	1.103	1.101
4.	1.642	1.533	1.443	1.367	1.305	1.253	1.211	1.177	1.150	1.129	1.115	1.107	1.104
6.	1.624	1.520	1.433	1.361	1.301	1.251	1.209	1.176	1.150	1.130	1.116	1.108	1.105
8.	1.598	1.500	1.419	1.350	1.293	1.245	1.205	1.173	1.148	1.129	1.115	1.107	1.105
10.	1.565	1.475	1.399	1.335	1.281	1.236	1.198	1.168	1.144	1.125	1.112	1.105	1.102
12.	1.528	1.446	1.377	1.317	1.267	1.224	1.189	1.161	1.138	1.120	1.108	1.101	1.099
14.	1.488	1.414	1.351	1.297	1.250	1.211	1.178	1.152	1.130	1.114	1.102	1.096	1.093
16.	1.446	1.381	1.324	1.275	1.232	1.196	1.166	1.141	1.121	1.106	1.095	1.089	1.087
18.	1.404	1.346	1.296	1.251	1.213	1.180	1.153	1.130	1.111	1.097	1.087	1.081	1.080
20.	1.362	1.312	1.267	1.228	1.193	1.163	1.138	1.117	1.101	1.088	1.079	1.073	1.071
22.	1.322	1.278	1.239	1.204	1.173	1.146	1.124	1.105	1.090	1.078	1.069	1.064	1.063
24.	1.284	1.246	1.211	1.181	1.153	1.129	1.109	1.092	1.078	1.067	1.060	1.055	1.054
26.	1.248	1.215	1.185	1.158	1.134	1.113	1.095	1.079	1.067	1.057	1.050	1.046	1.045
28.	1.215	1.187	1.161	1.137	1.116	1.097	1.080	1.067	1.055	1.047	1.041	1.037	1.036
30.	1.185	1.161	1.138	1.117	1.098	1.082	1.067	1.055	1.045	1.037	1.031	1.028	1.027
32.	1.158	1.137	1.117	1.099	1.082	1.067	1.054	1.043	1.034	1.027	1.022	1.019	1.018
34.	1.134	1.116	1.098	1.082	1.068	1.054	1.043	1.033	1.025	1.019	1.014	1.011	1.010
36.	1.113	1.097	1.082	1.067	1.054	1.043	1.032	1.024	1.016	1.011	1.006	1.004	1.003
38.	1.095	1.080	1.067	1.054	1.043	1.032	1.023	1.015	1.009	1.003	1.000	0.997	0.997
40.	1.079	1.067	1.055	1.043	1.033	1.024	1.015	1.008	1.002	0.997	0.994	0.992	0.991
42.	1.067	1.055	1.045	1.034	1.025	1.016	1.009	1.002	0.996	0.992	0.989	0.987	0.986
44.	1.057	1.047	1.037	1.027	1.019	1.011	1.003	0.997	0.992	0.988	0.985	0.984	0.982
46.	1.050	1.041	1.031	1.022	1.014	1.006	1.000	0.994	0.989	0.985	0.982	0.980	0.980
48.	1.046	1.037	1.028	1.019	1.011	1.004	0.997	0.992	0.987	0.983	0.980	0.979	0.978
50.	1.045	1.036	1.027	1.018	1.010	1.003	0.997	0.991	0.986	0.982	0.980	0.978	0.978

ROOM HEIGHT 50.0 DETECTOR HEIGHT 12.0

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	5.699	5.572	5.218	4.730	4.202	3.700	3.255	2.875	2.558	2.296	2.079	1.899	1.750
2.	5.572	5.452	5.116	4.650	4.144	3.659	3.227	2.857	2.546	2.289	2.075	1.898	1.750
4.	5.218	5.116	4.826	4.419	3.969	3.531	3.135	2.791	2.500	2.256	2.052	1.881	1.739
6.	4.730	4.650	4.419	4.088	3.713	3.339	2.994	2.688	2.425	2.200	2.011	1.851	1.717
8.	4.202	4.144	3.969	3.713	3.415	3.110	2.821	2.558	2.328	2.128	1.957	1.810	1.686
10.	3.700	3.659	3.531	3.339	3.110	2.869	2.633	2.415	2.218	2.044	1.892	1.761	1.647
12.	3.255	3.227	3.135	2.994	2.821	2.633	2.446	2.267	2.102	1.953	1.821	1.705	1.604
14.	2.875	2.857	2.791	2.688	2.558	2.415	2.267	2.123	1.986	1.861	1.748	1.647	1.557
16.	2.558	2.546	2.500	2.425	2.328	2.218	2.102	1.986	1.875	1.771	1.674	1.587	1.509
18.	2.296	2.289	2.256	2.200	2.128	2.044	1.953	1.861	1.771	1.684	1.603	1.528	1.460
20.	2.079	2.075	2.052	2.011	1.957	1.892	1.821	1.748	1.674	1.603	1.535	1.471	1.413
22.	1.899	1.898	1.881	1.851	1.810	1.761	1.705	1.647	1.587	1.528	1.471	1.418	1.367
24.	1.750	1.750	1.739	1.717	1.686	1.647	1.604	1.557	1.509	1.460	1.413	1.367	1.324
26.	1.625	1.627	1.619	1.603	1.580	1.550	1.515	1.478	1.439	1.399	1.359	1.321	1.284
28.	1.521	1.524	1.519	1.507	1.489	1.466	1.439	1.409	1.377	1.344	1.311	1.279	1.248
30.	1.434	1.437	1.435	1.426	1.413	1.395	1.373	1.349	1.323	1.296	1.268	1.241	1.214
32.	1.361	1.365	1.364	1.358	1.347	1.333	1.316	1.297	1.275	1.253	1.230	1.207	1.184
34.	1.300	1.304	1.304	1.300	1.292	1.282	1.268	1.252	1.235	1.216	1.196	1.177	1.157
36.	1.249	1.254	1.254	1.252	1.246	1.238	1.227	1.214	1.200	1.184	1.168	1.151	1.134
38.	1.207	1.212	1.214	1.212	1.208	1.202	1.193	1.182	1.170	1.157	1.143	1.129	1.114
40.	1.173	1.178	1.180	1.180	1.177	1.172	1.165	1.156	1.146	1.135	1.122	1.110	1.097
42.	1.146	1.151	1.154	1.154	1.152	1.148	1.142	1.135	1.126	1.117	1.106	1.095	1.084
44.	1.126	1.131	1.134	1.135	1.134	1.130	1.125	1.119	1.111	1.103	1.093	1.083	1.073
46.	1.112	1.117	1.120	1.121	1.120	1.118	1.114	1.108	1.101	1.093	1.084	1.075	1.066
48.	1.103	1.109	1.112	1.113	1.113	1.110	1.106	1.101	1.095	1.087	1.079	1.070	1.061
50.	1.100	1.106	1.109	1.111	1.110	1.108	1.104	1.099	1.093	1.085	1.077	1.069	1.060

ROOM HEIGHT 50.0 DETECTOR HEIGHT 14.0

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	4.460	4.393	4.196	3.908	3.578	3.243	2.928	2.645	2.397	2.183	2.001	1.845	1.713
2.	4.393	4.329	4.139	3.862	3.542	3.217	2.909	2.632	2.389	2.179	1.999	1.845	1.714
4.	4.196	4.139	3.969	3.720	3.429	3.129	2.843	2.583	2.352	2.152	1.979	1.831	1.705
6.	3.908	3.862	3.720	3.507	3.256	2.993	2.738	2.503	2.292	2.106	1.945	1.805	1.685
8.	3.578	3.542	3.429	3.256	3.048	2.826	2.607	2.401	2.213	2.046	1.898	1.769	1.657
10.	3.243	3.217	3.129	2.993	2.826	2.644	2.461	2.285	2.122	1.974	1.842	1.725	1.623
12.	2.928	2.909	2.843	2.738	2.607	2.461	2.310	2.163	2.024	1.896	1.780	1.676	1.583
14.	2.645	2.632	2.583	2.503	2.401	2.285	2.163	2.042	1.925	1.815	1.714	1.623	1.540
16.	2.397	2.389	2.352	2.292	2.213	2.122	2.024	1.925	1.827	1.735	1.648	1.568	1.496
18.	2.183	2.179	2.152	2.106	2.046	1.974	1.896	1.815	1.735	1.657	1.583	1.514	1.450
20.	2.001	1.999	1.979	1.945	1.898	1.842	1.780	1.714	1.648	1.583	1.520	1.461	1.406
22.	1.845	1.845	1.831	1.805	1.769	1.725	1.676	1.623	1.568	1.514	1.461	1.410	1.363
24.	1.713	1.714	1.705	1.685	1.657	1.623	1.583	1.540	1.496	1.450	1.406	1.363	1.322
26.	1.601	1.603	1.596	1.582	1.561	1.533	1.502	1.467	1.430	1.393	1.355	1.319	1.284
28.	1.505	1.508	1.504	1.493	1.477	1.456	1.430	1.402	1.372	1.341	1.309	1.278	1.248
30.	1.424	1.428	1.425	1.418	1.405	1.388	1.368	1.345	1.320	1.294	1.268	1.242	1.216
32.	1.355	1.359	1.359	1.353	1.344	1.330	1.314	1.295	1.275	1.253	1.231	1.209	1.187
34.	1.297	1.302	1.302	1.298	1.291	1.281	1.268	1.253	1.236	1.218	1.199	1.180	1.161
36.	1.249	1.253	1.254	1.252	1.247	1.239	1.228	1.216	1.202	1.187	1.171	1.154	1.138
38.	1.208	1.213	1.215	1.214	1.210	1.204	1.195	1.185	1.173	1.160	1.147	1.132	1.118
40.	1.175	1.181	1.183	1.183	1.180	1.175	1.168	1.159	1.149	1.138	1.126	1.114	1.102
42.	1.149	1.155	1.157	1.158	1.156	1.152	1.146	1.139	1.130	1.121	1.110	1.099	1.088
44.	1.130	1.135	1.138	1.139	1.138	1.134	1.130	1.123	1.116	1.107	1.098	1.088	1.078
46.	1.116	1.121	1.124	1.125	1.125	1.122	1.118	1.112	1.105	1.098	1.089	1.080	1.070
48.	1.107	1.113	1.116	1.118	1.117	1.115	1.111	1.106	1.099	1.092	1.084	1.075	1.066
50.	1.105	1.110	1.114	1.115	1.115	1.112	1.109	1.104	1.097	1.090	1.082	1.073	1.064

ROOM HEIGHT 50.0 DETECTOR HEIGHT 12.0

X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	1.625	1.521	1.436	1.361	1.300	1.249	1.207	1.173	1.146	1.126	1.112	1.103	1.100
2.	1.627	1.524	1.437	1.365	1.304	1.254	1.212	1.178	1.151	1.131	1.117	1.109	1.106
4.	1.619	1.519	1.435	1.364	1.304	1.254	1.214	1.180	1.154	1.134	1.120	1.112	1.109
6.	1.603	1.507	1.426	1.358	1.300	1.252	1.212	1.180	1.154	1.135	1.121	1.113	1.111
8.	1.580	1.489	1.413	1.347	1.292	1.246	1.208	1.177	1.152	1.134	1.120	1.113	1.110
10.	1.550	1.466	1.395	1.333	1.282	1.238	1.202	1.172	1.148	1.130	1.118	1.110	1.108
12.	1.515	1.439	1.373	1.316	1.268	1.227	1.193	1.165	1.142	1.125	1.114	1.106	1.104
14.	1.478	1.409	1.349	1.297	1.252	1.214	1.182	1.156	1.135	1.119	1.108	1.101	1.099
16.	1.439	1.377	1.323	1.275	1.235	1.200	1.170	1.146	1.126	1.111	1.101	1.095	1.093
18.	1.399	1.344	1.296	1.253	1.216	1.184	1.157	1.135	1.117	1.103	1.093	1.087	1.085
20.	1.359	1.311	1.268	1.230	1.196	1.168	1.143	1.122	1.106	1.093	1.084	1.079	1.077
22.	1.321	1.279	1.241	1.207	1.177	1.151	1.129	1.110	1.095	1.083	1.075	1.070	1.069
24.	1.284	1.248	1.214	1.186	1.157	1.134	1.114	1.097	1.084	1.073	1.066	1.061	1.060
26.	1.250	1.218	1.189	1.162	1.139	1.118	1.100	1.085	1.072	1.063	1.056	1.052	1.050
28.	1.218	1.190	1.165	1.141	1.120	1.102	1.086	1.072	1.061	1.052	1.046	1.043	1.041
30.	1.189	1.165	1.142	1.122	1.103	1.087	1.072	1.060	1.050	1.043	1.037	1.034	1.033
32.	1.162	1.141	1.122	1.104	1.087	1.073	1.060	1.049	1.040	1.033	1.028	1.025	1.024
34.	1.139	1.120	1.103	1.087	1.073	1.060	1.048	1.039	1.031	1.024	1.020	1.017	1.016
36.	1.118	1.102	1.087	1.073	1.060	1.048	1.038	1.029	1.022	1.016	1.012	1.010	1.009
38.	1.100	1.086	1.072	1.060	1.048	1.038	1.029	1.021	1.014	1.009	1.005	1.003	1.002
40.	1.085	1.072	1.060	1.049	1.039	1.029	1.021	1.014	1.008	1.003	0.999	0.997	0.997
42.	1.072	1.061	1.050	1.040	1.031	1.022	1.014	1.008	1.002	0.998	0.994	0.993	0.992
44.	1.063	1.052	1.043	1.033	1.024	1.016	1.009	1.003	0.998	0.993	0.991	0.989	0.988
46.	1.056	1.046	1.037	1.028	1.020	1.012	1.005	0.999	0.994	0.991	0.988	0.986	0.985
48.	1.052	1.043	1.034	1.025	1.017	1.010	1.003	0.997	0.993	0.989	0.986	0.984	0.984
50.	1.050	1.041	1.033	1.024	1.016	1.009	1.002	0.997	0.992	0.988	0.985	0.984	0.983

ROOM HEIGHT 50.0 DETECTOR HEIGHT 14.0

X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	1.601	1.505	1.424	1.355	1.297	1.249	1.208	1.175	1.149	1.130	1.116	1.107	1.105
2.	1.603	1.508	1.428	1.359	1.302	1.253	1.213	1.181	1.155	1.135	1.121	1.113	1.110
4.	1.596	1.504	1.425	1.359	1.302	1.254	1.215	1.183	1.157	1.138	1.124	1.116	1.114
6.	1.582	1.493	1.418	1.353	1.298	1.252	1.214	1.183	1.158	1.139	1.125	1.118	1.115
8.	1.561	1.477	1.405	1.344	1.291	1.247	1.210	1.180	1.156	1.138	1.125	1.117	1.115
10.	1.533	1.456	1.388	1.330	1.281	1.239	1.204	1.175	1.152	1.134	1.122	1.115	1.112
12.	1.502	1.430	1.368	1.314	1.268	1.228	1.195	1.168	1.146	1.130	1.118	1.111	1.109
14.	1.467	1.402	1.345	1.295	1.253	1.216	1.185	1.159	1.139	1.123	1.112	1.106	1.104
16.	1.430	1.372	1.320	1.275	1.236	1.202	1.173	1.149	1.130	1.116	1.105	1.099	1.097
18.	1.393	1.341	1.294	1.253	1.218	1.187	1.160	1.138	1.121	1.107	1.098	1.092	1.090
20.	1.355	1.309	1.268	1.231	1.199	1.171	1.147	1.126	1.110	1.098	1.089	1.084	1.082
22.	1.319	1.278	1.242	1.209	1.180	1.154	1.132	1.114	1.099	1.088	1.080	1.075	1.073
24.	1.284	1.248	1.216	1.187	1.161	1.138	1.118	1.102	1.088	1.078	1.070	1.066	1.064
26.	1.251	1.220	1.191	1.165	1.142	1.122	1.104	1.089	1.077	1.067	1.061	1.057	1.055
28.	1.220	1.193	1.168	1.145	1.124	1.106	1.090	1.077	1.066	1.057	1.051	1.047	1.046
30.	1.191	1.168	1.146	1.126	1.107	1.091	1.077	1.065	1.055	1.047	1.042	1.038	1.037
32.	1.165	1.145	1.126	1.108	1.092	1.077	1.065	1.054	1.045	1.038	1.033	1.030	1.029
34.	1.142	1.124	1.107	1.092	1.077	1.064	1.053	1.043	1.035	1.029	1.025	1.022	1.021
36.	1.122	1.106	1.091	1.077	1.064	1.053	1.043	1.034	1.027	1.021	1.017	1.014	1.014
38.	1.104	1.090	1.077	1.065	1.053	1.043	1.034	1.026	1.019	1.014	1.010	1.008	1.007
40.	1.089	1.077	1.065	1.054	1.043	1.034	1.026	1.018	1.012	1.008	1.004	1.002	1.001
42.	1.077	1.066	1.055	1.045	1.035	1.027	1.019	1.012	1.007	1.002	0.999	0.997	0.997
44.	1.067	1.057	1.047	1.038	1.029	1.021	1.014	1.008	1.002	0.998	0.995	0.994	0.993
46.	1.061	1.051	1.042	1.033	1.025	1.017	1.010	1.004	0.999	0.995	0.992	0.991	0.990
48.	1.057	1.047	1.038	1.030	1.022	1.014	1.008	1.002	0.997	0.994	0.991	0.989	0.989
50.	1.055	1.046	1.037	1.029	1.021	1.014	1.007	1.001	0.997	0.993	0.990	0.989	0.988

ROOM HEIGHT 50.0 DETECTOR HEIGHT 16.C

X/Y	C.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
C.	3.686	3.648	3.529	3.349	3.132	2.9CC	2.672	2.457	2.261	2.086	1.932	1.797	1.679
2.	3.648	3.611	3.496	3.321	3.109	2.883	2.659	2.448	2.255	2.083	1.930	1.797	1.681
4.	3.529	3.496	3.390	3.229	3.033	2.821	2.611	2.411	2.227	2.061	1.915	1.785	1.673
6.	3.349	3.321	3.229	3.087	2.913	2.723	2.532	2.349	2.178	2.024	1.885	1.763	1.656
8.	3.132	3.109	3.033	2.913	2.764	2.599	2.431	2.267	2.116	1.973	1.845	1.731	1.631
1C.	2.9CC	2.883	2.821	2.723	2.599	2.46C	2.316	2.173	2.038	1.911	1.796	1.692	1.600
12.	2.672	2.659	2.611	2.532	2.431	2.316	2.195	2.073	1.955	1.844	1.741	1.648	1.564
14.	2.457	2.448	2.411	2.349	2.267	2.173	2.073	1.97C	1.869	1.773	1.683	1.600	1.524
16.	2.261	2.255	2.227	2.178	2.116	2.038	1.955	1.869	1.784	1.701	1.623	1.550	1.483
18.	2.086	2.083	2.061	2.024	1.973	1.911	1.844	1.773	1.7C1	1.631	1.563	1.500	1.441
2C.	1.932	1.930	1.915	1.885	1.845	1.796	1.741	1.683	1.623	1.563	1.506	1.450	1.399
22.	1.797	1.797	1.785	1.763	1.731	1.692	1.648	1.6CC	1.550	1.500	1.450	1.403	1.358
24.	1.679	1.681	1.673	1.656	1.631	1.6CC	1.564	1.524	1.483	1.441	1.399	1.358	1.319
26.	1.578	1.580	1.575	1.562	1.542	1.517	1.488	1.456	1.422	1.386	1.351	1.316	1.282
28.	1.49C	1.493	1.490	1.480	1.465	1.445	1.422	1.395	1.367	1.337	1.307	1.277	1.248
3C.	1.414	1.418	1.416	1.409	1.398	1.382	1.363	1.341	1.317	1.293	1.267	1.242	1.217
32.	1.349	1.354	1.353	1.348	1.339	1.327	1.311	1.294	1.274	1.255	1.232	1.210	1.188
34.	1.294	1.299	1.299	1.296	1.289	1.279	1.267	1.252	1.236	1.218	1.200	1.181	1.163
36.	1.248	1.252	1.254	1.252	1.247	1.239	1.229	1.217	1.2C3	1.188	1.173	1.157	1.141
38.	1.2C9	1.214	1.216	1.215	1.211	1.2C5	1.197	1.187	1.175	1.163	1.149	1.135	1.121
4C.	1.177	1.182	1.185	1.184	1.182	1.177	1.17C	1.162	1.152	1.141	1.130	1.117	1.105
42.	1.152	1.157	1.160	1.160	1.158	1.155	1.149	1.142	1.133	1.124	1.114	1.103	1.092
44.	1.132	1.138	1.141	1.142	1.141	1.138	1.133	1.127	1.119	1.111	1.101	1.092	1.081
46.	1.119	1.124	1.127	1.129	1.128	1.125	1.121	1.116	1.1C9	1.101	1.093	1.084	1.074
48.	1.111	1.116	1.120	1.121	1.121	1.118	1.115	1.1C9	1.1C3	1.096	1.087	1.079	1.070
5C.	1.1C8	1.114	1.117	1.118	1.118	1.116	1.112	1.1C7	1.1C1	1.094	1.086	1.077	1.068

ROOM HEIGHT 50.0 DETECTOR HEIGHT 18.C

X/Y	C.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
C.	3.189	3.166	3.089	2.968	2.817	2.65C	2.478	2.31C	2.152	2.006	1.874	1.755	1.650
2.	3.166	3.144	3.069	2.951	2.803	2.639	2.47C	2.3C5	2.149	2.004	1.874	1.756	1.652
4.	3.089	3.069	2.999	2.888	2.749	2.594	2.434	2.276	2.126	1.987	1.860	1.747	1.645
6.	2.968	2.951	2.888	2.789	2.663	2.521	2.373	2.227	2.086	1.955	1.836	1.727	1.630
8.	2.817	2.803	2.749	2.663	2.552	2.426	2.294	2.161	2.033	1.912	1.800	1.699	1.608
1C.	2.65C	2.639	2.594	2.521	2.426	2.317	2.2C1	2.C83	1.968	1.859	1.757	1.664	1.579
12.	2.478	2.47C	2.434	2.373	2.294	2.2C1	2.1C1	1.998	1.897	1.800	1.708	1.624	1.546
14.	2.31C	2.3C5	2.276	2.227	2.161	2.083	1.998	1.91C	1.822	1.737	1.656	1.580	1.510
16.	2.152	2.149	2.126	2.086	2.033	1.968	1.897	1.822	1.747	1.673	1.601	1.534	1.471
18.	2.CC6	2.CC4	1.987	1.955	1.912	1.859	1.8CC	1.737	1.673	1.609	1.546	1.487	1.432
2C.	1.874	1.874	1.860	1.836	1.800	1.757	1.7C8	1.656	1.6C1	1.546	1.493	1.441	1.392
22.	1.755	1.756	1.747	1.727	1.699	1.664	1.624	1.58L	1.534	1.487	1.441	1.396	1.353
24.	1.65C	1.652	1.645	1.630	1.608	1.579	1.546	1.51C	1.471	1.432	1.392	1.353	1.316
26.	1.557	1.560	1.555	1.544	1.526	1.5C3	1.476	1.446	1.414	1.380	1.346	1.313	1.281
28.	1.476	1.479	1.477	1.468	1.454	1.436	1.413	1.388	1.361	1.333	1.304	1.276	1.248
3C.	1.4C5	1.409	1.408	1.401	1.390	1.376	1.358	1.337	1.314	1.290	1.266	1.241	1.217
32.	1.344	1.348	1.348	1.343	1.335	1.323	1.3C9	1.291	1.273	1.252	1.232	1.210	1.189
34.	1.291	1.296	1.296	1.293	1.287	1.278	1.266	1.252	1.236	1.219	1.201	1.183	1.164
36.	1.246	1.251	1.253	1.251	1.246	1.239	1.229	1.217	1.2C4	1.189	1.174	1.158	1.143
38.	1.2C9	1.214	1.216	1.215	1.212	1.2C6	1.198	1.188	1.177	1.164	1.151	1.137	1.124
4C.	1.178	1.183	1.186	1.186	1.183	1.179	1.172	1.164	1.154	1.143	1.132	1.120	1.108
42.	1.153	1.159	1.161	1.162	1.160	1.157	1.151	1.144	1.136	1.126	1.116	1.106	1.094
44.	1.134	1.140	1.143	1.144	1.143	1.14C	1.135	1.129	1.122	1.113	1.104	1.094	1.084
46.	1.121	1.127	1.130	1.131	1.131	1.128	1.124	1.118	1.112	1.104	1.096	1.086	1.077
48.	1.113	1.119	1.122	1.124	1.123	1.121	1.117	1.112	1.1C6	1.099	1.090	1.082	1.073
5C.	1.111	1.116	1.120	1.121	1.121	1.119	1.115	1.11C	1.1C4	1.097	1.089	1.080	1.071

ROOM HEIGHT			50.0		DETECTOR HEIGHT			16.C					
X/Y	26.	28.	30.	32.	34.	36.	38.	4C.	42.	44.	46.	48.	50.
C.	1.578	1.490	1.414	1.349	1.294	1.248	1.2C9	1.177	1.152	1.132	1.119	1.111	1.108
2.	1.58C	1.493	1.418	1.354	1.299	1.252	1.214	1.182	1.157	1.136	1.124	1.116	1.114
4.	1.575	1.490	1.416	1.353	1.299	1.254	1.216	1.185	1.160	1.141	1.127	1.120	1.117
6.	1.562	1.480	1.409	1.348	1.296	1.252	1.215	1.184	1.160	1.142	1.129	1.121	1.118
8.	1.542	1.465	1.398	1.339	1.289	1.247	1.211	1.182	1.158	1.141	1.128	1.121	1.118
10.	1.517	1.445	1.382	1.327	1.279	1.239	1.2C5	1.177	1.155	1.138	1.125	1.118	1.116
12.	1.488	1.422	1.363	1.311	1.267	1.229	1.197	1.17C	1.149	1.133	1.121	1.115	1.112
14.	1.456	1.395	1.341	1.294	1.252	1.217	1.187	1.162	1.142	1.127	1.116	1.109	1.107
16.	1.422	1.367	1.317	1.274	1.236	1.2C3	1.175	1.152	1.133	1.119	1.109	1.103	1.101
18.	1.386	1.337	1.293	1.253	1.218	1.188	1.163	1.141	1.124	1.111	1.101	1.096	1.094
2C.	1.351	1.307	1.267	1.232	1.200	1.173	1.149	1.130	1.114	1.101	1.093	1.087	1.086
22.	1.316	1.277	1.242	1.210	1.181	1.157	1.135	1.117	1.1C3	1.092	1.086	1.079	1.077
24.	1.282	1.248	1.217	1.188	1.163	1.141	1.121	1.1C5	1.092	1.081	1.074	1.070	1.068
26.	1.250	1.220	1.193	1.167	1.145	1.125	1.1C7	1.C93	1.081	1.071	1.065	1.061	1.059
28.	1.220	1.194	1.170	1.147	1.127	1.1C9	1.094	1.C80	1.069	1.061	1.055	1.051	1.050
30.	1.193	1.170	1.148	1.129	1.111	1.095	1.C81	1.C69	1.059	1.051	1.046	1.042	1.041
32.	1.167	1.147	1.129	1.111	1.095	1.081	1.068	1.C58	1.049	1.042	1.037	1.034	1.033
34.	1.145	1.127	1.111	1.095	1.081	1.068	1.057	1.C47	1.039	1.033	1.029	1.026	1.025
36.	1.125	1.109	1.095	1.081	1.068	1.057	1.047	1.C38	1.031	1.025	1.021	1.018	1.018
38.	1.107	1.094	1.081	1.068	1.057	1.047	1.037	1.C3D	1.023	1.018	1.014	1.012	1.011
40.	1.093	1.080	1.069	1.058	1.047	1.038	1.030	1.C22	1.016	1.012	1.008	1.006	1.005
42.	1.081	1.069	1.059	1.049	1.039	1.031	1.023	1.C16	1.011	1.006	1.003	1.001	1.001
44.	1.071	1.061	1.051	1.042	1.033	1.025	1.018	1.C12	1.006	1.002	0.999	0.998	0.997
46.	1.065	1.055	1.046	1.037	1.029	1.021	1.014	1.CC8	1.003	0.999	0.996	0.995	0.994
48.	1.061	1.051	1.042	1.034	1.026	1.018	1.012	1.CC6	1.001	0.998	0.995	0.993	0.993
5C.	1.059	1.050	1.041	1.033	1.025	1.018	1.011	1.CC5	1.001	0.997	0.994	0.993	0.992

ROOM HEIGHT			50.0		DETECTOR HEIGHT			18.C					
X/Y	26.	28.	30.	32.	34.	36.	38.	4C.	42.	44.	46.	48.	50.
C.	1.557	1.476	1.405	1.344	1.291	1.246	1.2C9	1.178	1.153	1.134	1.121	1.113	1.111
2.	1.560	1.479	1.4C9	1.348	1.296	1.251	1.214	1.183	1.159	1.140	1.127	1.119	1.116
4.	1.555	1.477	1.408	1.348	1.296	1.253	1.216	1.186	1.161	1.143	1.130	1.122	1.120
6.	1.544	1.468	1.401	1.343	1.293	1.251	1.215	1.186	1.162	1.144	1.131	1.124	1.121
8.	1.526	1.454	1.390	1.335	1.287	1.246	1.212	1.183	1.160	1.143	1.131	1.123	1.121
10.	1.5C3	1.436	1.376	1.323	1.278	1.239	1.2C6	1.179	1.157	1.140	1.128	1.121	1.119
12.	1.476	1.413	1.358	1.309	1.266	1.229	1.198	1.172	1.151	1.135	1.124	1.117	1.115
14.	1.446	1.388	1.337	1.291	1.252	1.217	1.188	1.164	1.144	1.129	1.118	1.112	1.110
16.	1.414	1.361	1.314	1.273	1.236	1.2C4	1.177	1.154	1.136	1.122	1.112	1.106	1.104
18.	1.38C	1.333	1.290	1.252	1.219	1.189	1.164	1.143	1.126	1.113	1.104	1.099	1.097
20.	1.346	1.304	1.266	1.232	1.201	1.174	1.151	1.132	1.116	1.104	1.096	1.090	1.089
22.	1.313	1.276	1.241	1.210	1.183	1.158	1.137	1.120	1.1C6	1.094	1.086	1.082	1.080
24.	1.281	1.248	1.217	1.189	1.164	1.143	1.124	1.1C8	1.094	1.084	1.077	1.073	1.071
26.	1.25C	1.221	1.194	1.169	1.147	1.127	1.11C	1.C95	1.083	1.074	1.068	1.064	1.062
28.	1.221	1.195	1.171	1.149	1.129	1.112	1.C96	1.C83	1.072	1.064	1.058	1.054	1.053
30.	1.194	1.171	1.150	1.131	1.113	1.097	1.C83	1.C72	1.062	1.056	1.049	1.046	1.044
32.	1.169	1.149	1.131	1.113	1.098	1.084	1.071	1.C61	1.052	1.045	1.040	1.037	1.036
34.	1.147	1.129	1.113	1.098	1.084	1.071	1.06C	1.C5D	1.042	1.036	1.032	1.029	1.028
36.	1.127	1.112	1.097	1.084	1.071	1.06C	1.C5C	1.C41	1.034	1.028	1.024	1.022	1.021
38.	1.11C	1.096	1.083	1.071	1.060	1.05C	1.04C	1.C33	1.026	1.021	1.017	1.015	1.014
4C.	1.095	1.083	1.072	1.061	1.050	1.041	1.C33	1.C25	1.019	1.015	1.011	1.009	1.009
42.	1.083	1.072	1.062	1.052	1.042	1.034	1.C26	1.C19	1.014	1.010	1.006	1.004	1.004
44.	1.074	1.064	1.054	1.045	1.036	1.028	1.C21	1.C15	1.01C	1.005	1.002	1.001	1.000
46.	1.068	1.058	1.049	1.040	1.032	1.024	1.017	1.C11	1.CC6	1.002	1.000	0.998	0.997
48.	1.064	1.054	1.046	1.037	1.029	1.022	1.015	1.CC9	1.CC4	1.001	0.998	0.996	0.996
50.	1.062	1.053	1.044	1.036	1.028	1.021	1.C14	1.CC9	1.CC4	1.CC0	0.997	0.996	0.995

ROOF HEIGHT 50.0 DETECTOR HEIGHT 20.0

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	2.871	2.857	2.803	2.716	2.604	2.476	2.340	2.204	2.071	1.946	1.829	1.723	1.627
2.	2.857	2.843	2.790	2.705	2.595	2.469	2.335	2.200	2.069	1.945	1.830	1.724	1.629
4.	2.803	2.790	2.741	2.660	2.555	2.435	2.307	2.177	2.051	1.931	1.819	1.716	1.623
6.	2.716	2.705	2.660	2.585	2.489	2.377	2.258	2.136	2.017	1.903	1.797	1.699	1.610
8.	2.604	2.595	2.555	2.489	2.402	2.302	2.193	2.081	1.971	1.865	1.766	1.674	1.589
10.	2.476	2.469	2.435	2.377	2.302	2.213	2.116	2.015	1.915	1.819	1.727	1.642	1.563
12.	2.340	2.335	2.307	2.258	2.193	2.116	2.031	1.942	1.853	1.766	1.683	1.605	1.532
14.	2.204	2.200	2.177	2.136	2.081	2.015	1.942	1.865	1.786	1.709	1.634	1.564	1.498
16.	2.071	2.069	2.051	2.017	1.971	1.915	1.853	1.786	1.718	1.650	1.584	1.521	1.462
18.	1.946	1.945	1.931	1.903	1.865	1.819	1.766	1.709	1.650	1.591	1.533	1.477	1.424
20.	1.829	1.830	1.819	1.797	1.766	1.727	1.683	1.634	1.584	1.533	1.482	1.433	1.386
22.	1.723	1.724	1.716	1.699	1.674	1.642	1.605	1.564	1.521	1.477	1.433	1.390	1.349
24.	1.627	1.629	1.623	1.610	1.589	1.563	1.532	1.498	1.462	1.424	1.386	1.349	1.313
26.	1.541	1.544	1.540	1.530	1.513	1.492	1.466	1.438	1.407	1.375	1.343	1.310	1.279
28.	1.465	1.468	1.466	1.458	1.445	1.428	1.407	1.383	1.357	1.330	1.302	1.274	1.247
30.	1.398	1.402	1.401	1.395	1.385	1.371	1.353	1.333	1.312	1.289	1.265	1.241	1.217
32.	1.339	1.343	1.343	1.339	1.331	1.320	1.306	1.290	1.271	1.252	1.231	1.211	1.190
34.	1.288	1.293	1.294	1.291	1.285	1.276	1.265	1.251	1.235	1.219	1.201	1.183	1.166
36.	1.245	1.250	1.251	1.250	1.245	1.238	1.229	1.217	1.204	1.190	1.175	1.160	1.144
38.	1.209	1.214	1.216	1.215	1.212	1.206	1.198	1.189	1.178	1.166	1.153	1.139	1.125
40.	1.178	1.184	1.186	1.186	1.184	1.179	1.173	1.165	1.156	1.145	1.134	1.122	1.109
42.	1.154	1.160	1.162	1.163	1.162	1.158	1.153	1.146	1.138	1.128	1.118	1.107	1.097
44.	1.136	1.141	1.144	1.145	1.144	1.142	1.137	1.131	1.124	1.115	1.106	1.096	1.086
46.	1.123	1.128	1.132	1.133	1.132	1.130	1.126	1.120	1.114	1.106	1.098	1.089	1.079
48.	1.115	1.121	1.124	1.125	1.125	1.123	1.119	1.114	1.108	1.101	1.093	1.084	1.075
50.	1.112	1.118	1.121	1.123	1.123	1.121	1.117	1.112	1.106	1.099	1.091	1.082	1.074

ROOF HEIGHT 50.0 DETECTOR HEIGHT 22.0

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	2.682	2.672	2.631	2.562	2.472	2.367	2.252	2.135	2.018	1.905	1.799	1.701	1.611
2.	2.672	2.662	2.622	2.554	2.465	2.361	2.248	2.132	2.017	1.905	1.800	1.703	1.614
4.	2.631	2.622	2.583	2.519	2.433	2.334	2.225	2.113	2.001	1.893	1.791	1.695	1.608
6.	2.562	2.554	2.519	2.459	2.379	2.286	2.183	2.077	1.971	1.868	1.771	1.680	1.596
8.	2.472	2.465	2.433	2.379	2.307	2.221	2.127	2.029	1.930	1.834	1.742	1.656	1.577
10.	2.367	2.361	2.334	2.286	2.221	2.145	2.060	1.970	1.880	1.791	1.706	1.626	1.552
12.	2.252	2.248	2.225	2.183	2.127	2.060	1.984	1.904	1.823	1.742	1.665	1.591	1.523
14.	2.135	2.132	2.113	2.077	2.029	1.970	1.904	1.834	1.761	1.689	1.619	1.553	1.490
16.	2.018	2.017	2.001	1.971	1.930	1.880	1.823	1.761	1.698	1.634	1.572	1.512	1.455
18.	1.905	1.905	1.893	1.868	1.834	1.791	1.742	1.689	1.634	1.578	1.523	1.470	1.419
20.	1.799	1.800	1.791	1.771	1.742	1.706	1.665	1.619	1.572	1.523	1.475	1.428	1.382
22.	1.701	1.703	1.695	1.680	1.656	1.626	1.591	1.553	1.512	1.470	1.428	1.386	1.346
24.	1.611	1.614	1.608	1.596	1.577	1.552	1.523	1.490	1.455	1.419	1.382	1.346	1.311
26.	1.530	1.533	1.529	1.520	1.504	1.484	1.459	1.432	1.402	1.371	1.340	1.308	1.278
28.	1.457	1.461	1.459	1.451	1.439	1.422	1.402	1.379	1.354	1.327	1.300	1.273	1.246
30.	1.392	1.396	1.396	1.390	1.380	1.367	1.350	1.331	1.310	1.287	1.264	1.240	1.217
32.	1.336	1.340	1.340	1.336	1.329	1.318	1.304	1.288	1.270	1.251	1.231	1.211	1.190
34.	1.286	1.291	1.292	1.289	1.284	1.275	1.264	1.250	1.235	1.219	1.201	1.184	1.166
36.	1.244	1.249	1.251	1.249	1.245	1.238	1.229	1.217	1.205	1.190	1.176	1.160	1.145
38.	1.208	1.213	1.216	1.215	1.212	1.206	1.199	1.189	1.178	1.166	1.153	1.140	1.126
40.	1.179	1.184	1.186	1.187	1.184	1.180	1.174	1.166	1.156	1.146	1.135	1.123	1.111
42.	1.155	1.160	1.163	1.164	1.162	1.159	1.154	1.147	1.139	1.129	1.119	1.109	1.098
44.	1.137	1.142	1.145	1.146	1.145	1.143	1.138	1.132	1.125	1.117	1.107	1.098	1.088
46.	1.124	1.129	1.133	1.134	1.133	1.131	1.127	1.122	1.115	1.107	1.099	1.090	1.081
48.	1.116	1.122	1.125	1.127	1.126	1.124	1.121	1.116	1.109	1.102	1.094	1.085	1.076
50.	1.114	1.119	1.123	1.124	1.124	1.122	1.118	1.113	1.107	1.100	1.092	1.084	1.075

ROOF HEIGHT			50.0		DETECTOR HEIGHT			20.0					
X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	1.541	1.465	1.398	1.339	1.288	1.245	1.209	1.178	1.154	1.136	1.123	1.115	1.112
2.	1.544	1.468	1.402	1.343	1.293	1.250	1.214	1.184	1.160	1.141	1.128	1.121	1.118
4.	1.540	1.466	1.401	1.343	1.294	1.251	1.216	1.186	1.162	1.144	1.132	1.124	1.121
6.	1.530	1.458	1.395	1.339	1.291	1.250	1.215	1.186	1.163	1.145	1.133	1.125	1.123
8.	1.513	1.445	1.385	1.331	1.285	1.245	1.212	1.184	1.162	1.144	1.132	1.125	1.123
10.	1.492	1.428	1.371	1.320	1.276	1.238	1.206	1.179	1.158	1.142	1.130	1.123	1.121
12.	1.466	1.407	1.353	1.306	1.265	1.229	1.198	1.173	1.153	1.137	1.126	1.119	1.117
14.	1.438	1.383	1.333	1.290	1.251	1.217	1.189	1.165	1.146	1.131	1.120	1.114	1.112
16.	1.407	1.357	1.312	1.271	1.235	1.204	1.178	1.156	1.138	1.124	1.114	1.108	1.106
18.	1.375	1.330	1.289	1.252	1.219	1.190	1.166	1.145	1.128	1.115	1.106	1.101	1.099
20.	1.343	1.302	1.265	1.231	1.201	1.175	1.153	1.134	1.118	1.106	1.098	1.093	1.091
22.	1.310	1.274	1.241	1.211	1.183	1.160	1.139	1.122	1.107	1.096	1.089	1.084	1.082
24.	1.279	1.247	1.217	1.190	1.166	1.144	1.125	1.109	1.097	1.086	1.079	1.075	1.074
26.	1.249	1.220	1.194	1.170	1.148	1.128	1.112	1.097	1.085	1.076	1.070	1.066	1.065
28.	1.220	1.195	1.172	1.150	1.131	1.113	1.098	1.085	1.075	1.066	1.060	1.057	1.056
30.	1.194	1.172	1.151	1.132	1.115	1.099	1.085	1.074	1.064	1.057	1.051	1.048	1.047
32.	1.170	1.150	1.132	1.115	1.100	1.086	1.073	1.063	1.054	1.047	1.042	1.039	1.038
34.	1.148	1.131	1.115	1.100	1.086	1.073	1.062	1.053	1.045	1.038	1.034	1.031	1.030
36.	1.128	1.113	1.099	1.086	1.073	1.062	1.052	1.043	1.036	1.030	1.026	1.024	1.023
38.	1.112	1.098	1.085	1.073	1.062	1.052	1.043	1.035	1.028	1.023	1.020	1.017	1.017
40.	1.097	1.085	1.074	1.063	1.053	1.043	1.035	1.028	1.022	1.017	1.014	1.012	1.011
42.	1.085	1.075	1.064	1.054	1.045	1.036	1.028	1.022	1.016	1.012	1.009	1.007	1.006
44.	1.076	1.066	1.057	1.047	1.038	1.030	1.023	1.017	1.012	1.008	1.005	1.003	1.002
46.	1.070	1.060	1.051	1.042	1.034	1.026	1.020	1.014	1.009	1.005	1.002	1.000	1.000
48.	1.066	1.057	1.048	1.039	1.031	1.024	1.017	1.012	1.007	1.003	1.000	0.999	0.998
50.	1.065	1.056	1.047	1.038	1.030	1.023	1.017	1.011	1.006	1.002	1.000	0.998	0.998

ROOF HEIGHT			50.0		DETECTOR HEIGHT			22.0					
X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	1.530	1.457	1.392	1.336	1.286	1.244	1.208	1.179	1.155	1.137	1.124	1.116	1.114
2.	1.533	1.461	1.396	1.340	1.291	1.249	1.213	1.184	1.160	1.142	1.129	1.122	1.119
4.	1.529	1.459	1.396	1.340	1.292	1.251	1.216	1.186	1.163	1.145	1.133	1.125	1.123
6.	1.520	1.451	1.390	1.336	1.289	1.249	1.215	1.187	1.164	1.146	1.134	1.127	1.124
8.	1.504	1.439	1.380	1.329	1.284	1.245	1.212	1.184	1.162	1.145	1.133	1.126	1.124
10.	1.484	1.422	1.367	1.318	1.275	1.238	1.206	1.180	1.159	1.143	1.131	1.124	1.122
12.	1.459	1.402	1.350	1.304	1.264	1.229	1.199	1.174	1.154	1.138	1.127	1.121	1.118
14.	1.432	1.379	1.331	1.288	1.250	1.217	1.189	1.166	1.147	1.132	1.122	1.116	1.113
16.	1.402	1.354	1.310	1.270	1.235	1.205	1.178	1.156	1.139	1.125	1.115	1.109	1.107
18.	1.371	1.327	1.287	1.251	1.219	1.190	1.166	1.146	1.129	1.117	1.107	1.102	1.100
20.	1.340	1.300	1.264	1.231	1.201	1.176	1.153	1.135	1.119	1.107	1.099	1.094	1.092
22.	1.308	1.273	1.240	1.211	1.184	1.160	1.140	1.123	1.109	1.098	1.090	1.085	1.084
24.	1.278	1.246	1.217	1.190	1.166	1.145	1.126	1.111	1.098	1.088	1.081	1.076	1.075
26.	1.248	1.220	1.194	1.170	1.149	1.130	1.113	1.099	1.087	1.078	1.071	1.067	1.066
28.	1.220	1.196	1.173	1.151	1.132	1.115	1.099	1.087	1.076	1.068	1.062	1.058	1.057
30.	1.194	1.173	1.152	1.133	1.116	1.100	1.087	1.075	1.066	1.058	1.053	1.049	1.048
32.	1.170	1.151	1.133	1.116	1.101	1.087	1.075	1.064	1.056	1.049	1.044	1.041	1.040
34.	1.149	1.132	1.116	1.101	1.087	1.074	1.063	1.054	1.046	1.040	1.036	1.033	1.032
36.	1.130	1.115	1.100	1.087	1.074	1.063	1.053	1.045	1.038	1.032	1.028	1.026	1.025
38.	1.113	1.099	1.087	1.075	1.063	1.053	1.044	1.036	1.030	1.025	1.021	1.019	1.018
40.	1.099	1.087	1.075	1.064	1.054	1.045	1.036	1.029	1.023	1.019	1.015	1.013	1.013
42.	1.087	1.076	1.066	1.056	1.046	1.038	1.030	1.023	1.018	1.013	1.010	1.008	1.008
44.	1.078	1.068	1.058	1.049	1.040	1.032	1.025	1.019	1.013	1.009	1.006	1.005	1.004
46.	1.071	1.062	1.053	1.044	1.036	1.028	1.021	1.015	1.010	1.006	1.004	1.002	1.001
48.	1.067	1.058	1.049	1.041	1.033	1.026	1.019	1.013	1.008	1.005	1.002	1.000	1.000
50.	1.066	1.057	1.048	1.040	1.032	1.025	1.018	1.013	1.008	1.004	1.001	1.000	0.999

ROOM HEIGHT 50.0 DETECTOR HEIGHT 24.0

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	2.594	2.586	2.550	2.489	2.409	2.314	2.209	2.100	1.991	1.885	1.784	1.690	1.603
2.	2.586	2.578	2.542	2.483	2.403	2.309	2.206	2.099	1.991	1.886	1.785	1.692	1.606
4.	2.550	2.542	2.509	2.451	2.375	2.285	2.185	2.081	1.976	1.874	1.776	1.685	1.601
6.	2.489	2.483	2.451	2.398	2.326	2.241	2.147	2.048	1.948	1.851	1.757	1.670	1.589
8.	2.409	2.403	2.375	2.326	2.261	2.182	2.095	2.003	1.910	1.818	1.730	1.647	1.570
10.	2.314	2.309	2.285	2.241	2.182	2.111	2.032	1.948	1.862	1.778	1.696	1.618	1.546
12.	2.209	2.206	2.185	2.147	2.095	2.032	1.961	1.885	1.808	1.731	1.656	1.585	1.518
14.	2.100	2.099	2.081	2.048	2.003	1.948	1.885	1.818	1.749	1.680	1.612	1.547	1.486
16.	1.991	1.991	1.976	1.948	1.910	1.862	1.808	1.749	1.688	1.626	1.566	1.507	1.452
18.	1.885	1.886	1.874	1.851	1.818	1.778	1.731	1.680	1.626	1.572	1.518	1.466	1.416
20.	1.784	1.785	1.776	1.757	1.730	1.696	1.656	1.612	1.566	1.518	1.471	1.425	1.380
22.	1.690	1.692	1.685	1.670	1.647	1.618	1.585	1.547	1.507	1.466	1.425	1.384	1.345
24.	1.603	1.606	1.601	1.589	1.570	1.546	1.518	1.486	1.452	1.416	1.380	1.345	1.310
26.	1.524	1.527	1.524	1.514	1.499	1.480	1.456	1.429	1.400	1.369	1.338	1.307	1.277
28.	1.453	1.457	1.455	1.448	1.435	1.419	1.399	1.377	1.352	1.326	1.299	1.272	1.246
30.	1.390	1.394	1.393	1.388	1.378	1.365	1.349	1.330	1.309	1.286	1.263	1.240	1.217
32.	1.334	1.338	1.339	1.335	1.327	1.317	1.303	1.287	1.270	1.251	1.231	1.211	1.190
34.	1.285	1.290	1.291	1.289	1.283	1.274	1.263	1.250	1.235	1.219	1.202	1.184	1.166
36.	1.243	1.248	1.250	1.249	1.244	1.238	1.228	1.217	1.205	1.191	1.176	1.161	1.145
38.	1.208	1.213	1.215	1.215	1.212	1.206	1.199	1.189	1.179	1.167	1.154	1.140	1.127
40.	1.179	1.184	1.187	1.187	1.185	1.180	1.174	1.166	1.157	1.146	1.135	1.123	1.111
42.	1.155	1.161	1.163	1.164	1.163	1.159	1.154	1.147	1.139	1.130	1.120	1.109	1.098
44.	1.137	1.143	1.146	1.147	1.146	1.143	1.139	1.133	1.125	1.117	1.108	1.099	1.089
46.	1.124	1.130	1.133	1.135	1.134	1.132	1.128	1.122	1.116	1.108	1.100	1.091	1.081
48.	1.117	1.122	1.126	1.127	1.127	1.125	1.121	1.116	1.110	1.103	1.095	1.086	1.077
50.	1.114	1.120	1.123	1.125	1.125	1.123	1.119	1.114	1.108	1.101	1.093	1.085	1.076

ROOM HEIGHT 50.0 DETECTOR HEIGHT 26.0

X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	1.524	1.453	1.390	1.334	1.285	1.243	1.208	1.179	1.155	1.137	1.124	1.117	1.116
2.	1.527	1.457	1.394	1.338	1.290	1.248	1.213	1.184	1.161	1.143	1.130	1.122	1.120
4.	1.524	1.455	1.393	1.339	1.291	1.250	1.215	1.187	1.163	1.146	1.133	1.126	1.123
6.	1.514	1.448	1.388	1.335	1.289	1.249	1.215	1.187	1.164	1.147	1.135	1.127	1.125
8.	1.499	1.435	1.378	1.327	1.283	1.244	1.212	1.185	1.163	1.146	1.134	1.127	1.125
10.	1.480	1.419	1.365	1.317	1.274	1.238	1.206	1.180	1.159	1.143	1.132	1.125	1.123
12.	1.456	1.399	1.349	1.303	1.263	1.228	1.199	1.174	1.154	1.139	1.128	1.121	1.119
14.	1.429	1.377	1.330	1.287	1.250	1.217	1.189	1.166	1.147	1.133	1.122	1.116	1.114
16.	1.400	1.352	1.309	1.270	1.235	1.205	1.179	1.157	1.139	1.125	1.116	1.110	1.108
18.	1.369	1.326	1.286	1.251	1.219	1.191	1.167	1.146	1.130	1.117	1.108	1.103	1.101
20.	1.338	1.299	1.263	1.231	1.202	1.176	1.154	1.135	1.120	1.108	1.100	1.095	1.093
22.	1.307	1.272	1.240	1.211	1.184	1.161	1.140	1.123	1.109	1.099	1.091	1.086	1.085
24.	1.277	1.246	1.217	1.190	1.166	1.145	1.127	1.111	1.098	1.089	1.081	1.077	1.076
26.	1.248	1.220	1.194	1.171	1.149	1.130	1.113	1.099	1.088	1.078	1.072	1.068	1.067
28.	1.220	1.196	1.173	1.152	1.132	1.115	1.100	1.087	1.077	1.068	1.063	1.059	1.058
30.	1.194	1.173	1.152	1.134	1.116	1.101	1.087	1.076	1.066	1.059	1.053	1.050	1.049
32.	1.171	1.152	1.134	1.117	1.101	1.088	1.075	1.065	1.056	1.049	1.045	1.042	1.041
34.	1.149	1.132	1.116	1.101	1.088	1.075	1.064	1.055	1.047	1.041	1.036	1.034	1.033
36.	1.130	1.115	1.101	1.088	1.075	1.064	1.054	1.045	1.038	1.033	1.029	1.026	1.026
38.	1.113	1.100	1.087	1.075	1.064	1.054	1.045	1.037	1.031	1.026	1.022	1.020	1.019
40.	1.099	1.087	1.076	1.065	1.055	1.045	1.037	1.030	1.024	1.019	1.016	1.014	1.013
42.	1.088	1.077	1.066	1.056	1.047	1.038	1.031	1.024	1.019	1.014	1.011	1.009	1.009
44.	1.078	1.068	1.059	1.049	1.041	1.033	1.026	1.019	1.014	1.010	1.007	1.005	1.005
46.	1.072	1.063	1.053	1.045	1.036	1.029	1.022	1.016	1.011	1.007	1.004	1.003	1.002
48.	1.068	1.059	1.050	1.042	1.034	1.026	1.020	1.014	1.009	1.005	1.003	1.001	1.000
50.	1.067	1.058	1.049	1.041	1.033	1.026	1.019	1.013	1.009	1.005	1.002	1.000	1.000

EIGHT EQUAL SOURCES

Rectangular Array,

60 Units High
100 x 100 Units in Area

ROOM HEIGHT 60.0 DETECTOR HEIGHT 0.

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	0.529	184.910	46.634	21.031	12.074	7.93C	5.681	4.327	3.450	2.850	2.423	2.108	1.870
2.	184.910	92.728	37.421	18.988	11.402	7.652	5.549	4.258	3.412	2.828	2.410	2.101	1.867
4.	46.634	37.421	23.598	14.739	9.780	6.924	5.181	4.055	3.292	2.754	2.363	2.071	1.847
6.	21.031	18.988	14.739	10.805	7.942	5.995	4.674	3.760	3.112	2.639	2.287	2.019	1.811
8.	12.074	11.402	9.780	7.942	6.334	5.074	4.127	3.423	2.896	2.497	2.190	1.952	1.764
10.	7.93C	7.652	6.924	5.995	5.074	4.269	3.6C9	3.083	2.668	2.340	2.081	1.874	1.707
12.	5.681	5.549	5.181	4.674	4.127	3.6C9	3.152	2.765	2.445	2.181	1.966	1.790	1.645
14.	4.327	4.258	4.055	3.760	3.423	3.083	2.765	2.482	2.237	2.028	1.852	1.705	1.581
16.	3.45C	3.412	3.292	3.112	2.896	2.668	2.445	2.237	2.051	1.886	1.744	1.621	1.516
18.	2.85C	2.828	2.754	2.639	2.497	2.34C	2.181	2.028	1.886	1.758	1.643	1.542	1.454
20.	2.423	2.410	2.363	2.287	2.190	2.081	1.966	1.852	1.744	1.643	1.551	1.468	1.394
22.	2.1C8	2.101	2.071	2.019	1.952	1.874	1.79C	1.7C5	1.621	1.542	1.468	1.400	1.339
24.	1.87C	1.867	1.847	1.811	1.764	1.7C7	1.645	1.581	1.516	1.454	1.394	1.339	1.288
26.	1.686	1.686	1.673	1.648	1.614	1.572	1.526	1.477	1.427	1.377	1.330	1.284	1.242
28.	1.543	1.544	1.535	1.518	1.493	1.463	1.428	1.390	1.351	1.311	1.273	1.236	1.201
3C.	1.428	1.431	1.426	1.414	1.396	1.373	1.346	1.317	1.286	1.254	1.223	1.193	1.164
32.	1.337	1.340	1.337	1.329	1.316	1.299	1.278	1.256	1.231	1.206	1.181	1.156	1.131
34.	1.264	1.267	1.266	1.261	1.251	1.238	1.223	1.2C5	1.185	1.165	1.144	1.123	1.103
36.	1.204	1.208	1.209	1.205	1.198	1.189	1.176	1.162	1.147	1.130	1.113	1.096	1.079
38.	1.157	1.161	1.162	1.161	1.156	1.148	1.139	1.128	1.115	1.101	1.087	1.072	1.058
4C.	1.119	1.124	1.126	1.125	1.122	1.116	1.1C9	1.099	1.089	1.078	1.066	1.053	1.041
42.	1.090	1.095	1.097	1.097	1.095	1.091	1.085	1.077	1.069	1.059	1.049	1.038	1.027
44.	1.068	1.073	1.076	1.076	1.075	1.072	1.067	1.C61	1.053	1.045	1.036	1.026	1.016
46.	1.053	1.058	1.061	1.062	1.061	1.059	1.054	1.049	1.042	1.035	1.026	1.018	1.009
48.	1.044	1.049	1.052	1.054	1.053	1.051	1.047	1.042	1.036	1.029	1.021	1.013	1.004
5C.	1.041	1.046	1.050	1.051	1.050	1.048	1.045	1.040	1.034	1.027	1.019	1.011	1.003

ROOM HEIGHT 60.0 DETECTOR HEIGHT 2.C

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	184.920	92.739	37.432	18.999	11.412	7.662	5.559	4.267	3.421	2.837	2.419	2.109	1.875
2.	92.739	62.015	31.292	17.329	10.815	7.4C6	5.433	4.2C1	3.384	2.816	2.407	2.103	1.872
4.	37.432	31.292	21.054	13.743	9.358	6.728	5.084	4.CC6	3.268	2.744	2.361	2.073	1.852
6.	18.999	17.329	13.743	10.282	7.674	5.856	4.6CC	3.722	3.093	2.632	2.286	2.023	1.817
8.	11.412	10.815	9.358	7.674	6.175	4.983	4.076	3.395	2.882	2.492	2.191	1.956	1.770
10.	7.662	7.406	6.728	5.856	4.983	4.213	3.576	3.C65	2.660	2.339	2.083	1.879	1.714
12.	5.559	5.433	5.084	4.600	4.076	3.576	3.132	2.755	2.441	2.183	1.970	1.796	1.653
14.	4.267	4.201	4.006	3.722	3.395	3.065	2.755	2.478	2.237	2.032	1.858	1.712	1.589
16.	3.421	3.384	3.268	3.093	2.882	2.66C	2.441	2.237	2.054	1.892	1.751	1.629	1.525
18.	2.837	2.816	2.744	2.632	2.492	2.339	2.183	2.C32	1.892	1.764	1.651	1.551	1.463
2C.	2.419	2.407	2.361	2.286	2.191	2.083	1.97C	1.858	1.751	1.651	1.560	1.477	1.404
22.	2.1C9	2.103	2.073	2.023	1.956	1.879	1.796	1.712	1.629	1.551	1.477	1.410	1.349
24.	1.875	1.872	1.852	1.817	1.770	1.714	1.653	1.589	1.525	1.463	1.404	1.349	1.298
26.	1.693	1.693	1.680	1.656	1.622	1.581	1.535	1.486	1.436	1.387	1.339	1.294	1.252
28.	1.551	1.552	1.544	1.527	1.502	1.472	1.437	1.399	1.360	1.321	1.283	1.246	1.211
3C.	1.438	1.440	1.435	1.423	1.405	1.382	1.356	1.327	1.296	1.265	1.234	1.203	1.174
32.	1.347	1.350	1.347	1.339	1.326	1.3C9	1.289	1.266	1.241	1.216	1.191	1.166	1.142
34.	1.273	1.277	1.276	1.271	1.261	1.249	1.233	1.215	1.195	1.175	1.154	1.134	1.113
36.	1.214	1.219	1.219	1.215	1.209	1.199	1.187	1.173	1.157	1.140	1.123	1.106	1.089
38.	1.167	1.171	1.173	1.171	1.166	1.159	1.149	1.138	1.125	1.111	1.097	1.083	1.068
4C.	1.129	1.134	1.136	1.135	1.132	1.126	1.119	1.110	1.099	1.088	1.076	1.063	1.051
42.	1.1C0	1.105	1.107	1.107	1.105	1.1C1	1.C95	1.088	1.079	1.069	1.059	1.048	1.037
44.	1.C78	1.083	1.086	1.087	1.085	1.082	1.077	1.C71	1.063	1.055	1.046	1.036	1.026
46.	1.C63	1.068	1.071	1.072	1.071	1.069	1.065	1.C59	1.052	1.045	1.037	1.028	1.019
48.	1.054	1.060	1.063	1.064	1.063	1.061	1.C57	1.C52	1.046	1.039	1.031	1.023	1.014
5C.	1.052	1.057	1.060	1.061	1.061	1.058	1.055	1.C5C	1.044	1.037	1.029	1.021	1.013

ROOM HEIGHT 60.0 DETECTOR HEIGHT 0.

X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	1.686	1.543	1.428	1.337	1.264	1.204	1.157	1.119	1.090	1.068	1.053	1.044	1.041
2.	1.686	1.544	1.431	1.340	1.267	1.208	1.161	1.124	1.095	1.073	1.058	1.049	1.046
4.	1.673	1.535	1.426	1.337	1.266	1.209	1.162	1.126	1.097	1.076	1.061	1.052	1.050
6.	1.648	1.518	1.414	1.329	1.261	1.205	1.161	1.125	1.097	1.076	1.062	1.054	1.051
8.	1.614	1.493	1.396	1.316	1.251	1.198	1.156	1.122	1.095	1.075	1.061	1.053	1.050
10.	1.572	1.463	1.373	1.299	1.238	1.189	1.148	1.116	1.091	1.072	1.059	1.051	1.048
12.	1.526	1.428	1.346	1.278	1.223	1.176	1.139	1.109	1.085	1.067	1.054	1.047	1.045
14.	1.477	1.390	1.317	1.256	1.205	1.162	1.128	1.099	1.077	1.061	1.049	1.042	1.040
16.	1.427	1.351	1.286	1.231	1.185	1.147	1.115	1.089	1.069	1.053	1.042	1.036	1.034
18.	1.377	1.311	1.254	1.206	1.165	1.130	1.101	1.078	1.059	1.045	1.035	1.029	1.027
20.	1.330	1.273	1.223	1.181	1.144	1.113	1.087	1.066	1.049	1.036	1.026	1.021	1.019
22.	1.284	1.236	1.193	1.156	1.123	1.096	1.072	1.053	1.038	1.026	1.018	1.013	1.011
24.	1.242	1.201	1.164	1.131	1.103	1.079	1.058	1.041	1.027	1.016	1.009	1.004	1.003
26.	1.203	1.168	1.137	1.108	1.084	1.062	1.044	1.028	1.016	1.007	1.000	0.996	0.994
28.	1.168	1.138	1.111	1.087	1.065	1.046	1.030	1.016	1.005	0.997	0.991	0.987	0.986
30.	1.137	1.111	1.088	1.067	1.048	1.031	1.017	1.005	0.995	0.988	0.982	0.979	0.978
32.	1.108	1.087	1.067	1.048	1.032	1.018	1.005	0.994	0.986	0.979	0.974	0.971	0.970
34.	1.084	1.065	1.048	1.032	1.018	1.005	0.994	0.984	0.977	0.971	0.966	0.964	0.963
36.	1.062	1.046	1.031	1.018	1.005	0.994	0.984	0.976	0.969	0.963	0.959	0.957	0.956
38.	1.044	1.030	1.017	1.005	0.994	0.984	0.975	0.968	0.961	0.957	0.953	0.951	0.950
40.	1.028	1.016	1.005	0.994	0.984	0.976	0.968	0.961	0.955	0.951	0.948	0.946	0.945
42.	1.016	1.005	0.995	0.986	0.977	0.969	0.961	0.955	0.950	0.946	0.943	0.941	0.941
44.	1.007	0.997	0.988	0.979	0.971	0.963	0.957	0.951	0.946	0.942	0.940	0.938	0.937
46.	1.000	0.991	0.982	0.974	0.966	0.959	0.953	0.948	0.943	0.940	0.937	0.936	0.935
48.	0.996	0.987	0.979	0.971	0.964	0.957	0.951	0.946	0.941	0.938	0.936	0.934	0.934
50.	0.994	0.986	0.978	0.970	0.963	0.956	0.950	0.945	0.941	0.937	0.935	0.934	0.933

ROOM HEIGHT 60.0 DETECTOR HEIGHT 2.0

X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	1.693	1.551	1.438	1.347	1.273	1.214	1.167	1.129	1.100	1.078	1.063	1.054	1.052
2.	1.693	1.552	1.440	1.350	1.277	1.219	1.171	1.134	1.105	1.083	1.068	1.060	1.057
4.	1.680	1.544	1.435	1.347	1.276	1.219	1.173	1.136	1.107	1.086	1.071	1.063	1.060
6.	1.656	1.527	1.423	1.339	1.271	1.215	1.171	1.135	1.107	1.087	1.072	1.064	1.061
8.	1.622	1.502	1.405	1.326	1.261	1.209	1.166	1.132	1.105	1.085	1.071	1.063	1.061
10.	1.581	1.472	.382	1.309	1.249	1.199	1.159	1.126	1.101	1.082	1.069	1.061	1.058
12.	1.535	1.437	1.356	1.289	1.233	1.187	1.149	1.119	1.095	1.077	1.065	1.057	1.055
14.	1.486	1.399	1.327	1.266	1.215	1.173	1.138	1.110	1.088	1.071	1.059	1.052	1.050
16.	1.436	1.360	1.296	1.241	1.195	1.157	1.125	1.099	1.079	1.063	1.052	1.046	1.044
18.	1.387	1.321	1.265	1.216	1.175	1.140	1.111	1.088	1.069	1.055	1.045	1.039	1.037
20.	1.339	1.283	1.234	1.191	1.154	1.123	1.097	1.076	1.059	1.046	1.037	1.031	1.029
22.	1.294	1.246	1.203	1.166	1.134	1.106	1.083	1.063	1.048	1.036	1.028	1.023	1.021
24.	1.252	1.211	1.174	1.142	1.113	1.089	1.068	1.051	1.037	1.026	1.019	1.014	1.013
26.	1.214	1.178	1.147	1.119	1.094	1.072	1.054	1.038	1.026	1.016	1.010	1.006	1.004
28.	1.178	1.149	1.121	1.097	1.075	1.056	1.040	1.026	1.015	1.007	1.001	0.997	0.996
30.	1.147	1.121	1.098	1.077	1.058	1.041	1.027	1.015	1.005	0.997	0.992	0.989	0.988
32.	1.119	1.097	1.077	1.059	1.042	1.027	1.015	1.004	0.995	0.989	0.984	0.981	0.980
34.	1.094	1.075	1.058	1.042	1.028	1.015	1.004	0.994	0.986	0.980	0.976	0.973	0.972
36.	1.072	1.056	1.041	1.027	1.015	1.004	0.994	0.985	0.978	0.973	0.969	0.967	0.966
38.	1.054	1.040	1.027	1.015	1.004	0.994	0.985	0.977	0.971	0.966	0.963	0.960	0.960
40.	1.038	1.026	1.015	1.004	0.994	0.985	0.977	0.970	0.965	0.960	0.957	0.955	0.955
42.	1.026	1.015	1.005	0.995	0.986	0.978	0.971	0.965	0.960	0.955	0.953	0.951	0.950
44.	1.016	1.007	0.997	0.989	0.980	0.973	0.966	0.960	0.955	0.952	0.949	0.947	0.947
46.	1.010	1.001	0.992	0.984	0.976	0.969	0.963	0.957	0.953	0.949	0.946	0.945	0.944
48.	1.006	0.997	0.989	0.981	0.973	0.967	0.960	0.955	0.951	0.947	0.945	0.943	0.943
50.	1.004	0.996	0.988	0.980	0.972	0.966	0.960	0.955	0.950	0.947	0.944	0.943	0.942

ROOM HEIGHT 60.0 DETECTOR HEIGHT 4.0

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	46.657	37.444	23.621	14.762	9.803	6.946	5.202	4.075	3.312	2.774	2.382	2.088	1.864
2.	37.444	31.304	21.066	13.755	9.370	6.740	5.096	4.017	3.279	2.755	2.371	2.082	1.861
4.	23.621	21.066	15.950	11.436	8.278	6.187	4.794	3.843	3.173	2.688	2.328	2.054	1.842
6.	14.762	13.755	11.436	8.977	6.958	5.457	4.372	3.587	3.012	2.583	2.257	2.006	1.809
8.	9.803	9.370	8.278	6.958	5.727	4.707	3.907	3.290	2.817	2.452	2.167	1.943	1.764
10.	6.946	6.740	6.187	5.457	4.707	4.029	3.455	2.987	2.609	2.307	2.064	1.869	1.710
12.	5.202	5.096	4.794	4.372	3.907	3.455	3.049	2.699	2.404	2.159	1.957	1.789	1.651
14.	4.075	4.017	3.843	3.587	3.290	2.987	2.699	2.439	2.211	2.016	1.849	1.708	1.589
16.	3.312	3.279	3.173	3.012	2.817	2.609	2.404	2.211	2.036	1.881	1.745	1.628	1.526
18.	2.774	2.755	2.688	2.583	2.452	2.307	2.159	2.016	1.881	1.758	1.649	1.551	1.466
20.	2.382	2.371	2.328	2.257	2.167	2.064	1.957	1.849	1.745	1.649	1.560	1.480	1.408
22.	2.088	2.082	2.054	2.006	1.943	1.869	1.789	1.708	1.628	1.551	1.480	1.414	1.354
24.	1.864	1.861	1.842	1.809	1.764	1.710	1.651	1.589	1.526	1.466	1.408	1.354	1.304
26.	1.689	1.689	1.676	1.653	1.620	1.580	1.536	1.488	1.440	1.391	1.345	1.301	1.259
28.	1.551	1.552	1.544	1.528	1.504	1.474	1.440	1.404	1.365	1.327	1.289	1.253	1.218
30.	1.440	1.443	1.438	1.426	1.409	1.387	1.361	1.332	1.302	1.271	1.241	1.211	1.182
32.	1.351	1.354	1.352	1.346	1.331	1.315	1.295	1.272	1.248	1.224	1.198	1.174	1.150
34.	1.279	1.283	1.282	1.277	1.268	1.255	1.240	1.222	1.203	1.183	1.162	1.142	1.122
36.	1.221	1.225	1.226	1.223	1.216	1.206	1.194	1.180	1.165	1.149	1.131	1.114	1.097
38.	1.174	1.179	1.180	1.178	1.174	1.167	1.157	1.146	1.133	1.120	1.106	1.091	1.077
40.	1.137	1.142	1.144	1.143	1.140	1.135	1.127	1.118	1.108	1.096	1.084	1.072	1.059
42.	1.108	1.113	1.116	1.116	1.114	1.110	1.104	1.096	1.087	1.078	1.067	1.057	1.046
44.	1.087	1.092	1.095	1.095	1.094	1.091	1.086	1.080	1.072	1.064	1.055	1.045	1.035
46.	1.072	1.077	1.080	1.081	1.080	1.078	1.073	1.068	1.061	1.054	1.045	1.037	1.028
48.	1.063	1.068	1.071	1.073	1.072	1.070	1.066	1.061	1.055	1.048	1.040	1.032	1.023
50.	1.060	1.065	1.069	1.070	1.069	1.067	1.064	1.059	1.053	1.046	1.038	1.030	1.022

ROOM HEIGHT 60.0 DETECTOR HEIGHT 6.0

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	21.069	19.026	14.777	10.842	7.978	6.030	4.708	3.794	3.144	2.670	2.317	2.047	1.838
2.	19.026	17.356	13.770	10.309	7.700	5.881	4.625	3.746	3.116	2.654	2.307	2.043	1.836
4.	14.777	13.770	11.451	8.991	6.972	5.471	4.385	3.600	3.024	2.595	2.268	2.017	1.819
6.	10.842	10.309	8.991	7.444	6.042	4.911	4.042	3.383	2.883	2.501	2.204	1.972	1.788
8.	7.978	7.700	6.972	6.042	5.121	4.316	3.655	3.127	2.711	2.382	2.122	1.913	1.746
10.	6.030	5.881	5.471	4.911	4.316	3.757	3.270	2.862	2.525	2.251	2.027	1.845	1.695
12.	4.708	4.625	4.385	4.042	3.655	3.270	2.917	2.606	2.339	2.115	1.927	1.770	1.639
14.	3.794	3.746	3.600	3.383	3.127	2.862	2.606	2.371	2.163	1.982	1.826	1.693	1.580
16.	3.144	3.116	3.024	2.883	2.711	2.525	2.339	2.163	2.001	1.856	1.729	1.617	1.521
18.	2.670	2.654	2.595	2.501	2.382	2.251	2.115	1.982	1.856	1.741	1.637	1.544	1.463
20.	2.317	2.307	2.268	2.204	2.122	2.027	1.927	1.826	1.729	1.637	1.553	1.476	1.407
22.	2.047	2.043	2.017	1.972	1.913	1.845	1.770	1.693	1.617	1.544	1.476	1.413	1.355
24.	1.838	1.836	1.819	1.788	1.746	1.695	1.639	1.580	1.521	1.463	1.407	1.355	1.307
26.	1.674	1.674	1.662	1.640	1.610	1.572	1.529	1.484	1.437	1.391	1.346	1.303	1.263
28.	1.542	1.544	1.537	1.521	1.499	1.470	1.438	1.403	1.366	1.329	1.292	1.256	1.223
30.	1.437	1.439	1.435	1.424	1.408	1.386	1.361	1.334	1.304	1.274	1.245	1.215	1.187
32.	1.351	1.354	1.352	1.345	1.333	1.317	1.297	1.276	1.252	1.228	1.203	1.179	1.156
34.	1.281	1.285	1.285	1.280	1.271	1.259	1.244	1.227	1.208	1.188	1.168	1.148	1.128
36.	1.225	1.229	1.230	1.227	1.220	1.211	1.200	1.186	1.171	1.155	1.138	1.121	1.104
38.	1.179	1.184	1.185	1.184	1.179	1.172	1.163	1.152	1.140	1.126	1.112	1.098	1.084
40.	1.143	1.148	1.150	1.149	1.146	1.141	1.134	1.125	1.115	1.103	1.092	1.079	1.067
42.	1.115	1.120	1.122	1.122	1.120	1.116	1.111	1.103	1.095	1.085	1.075	1.064	1.053
44.	1.094	1.099	1.102	1.102	1.101	1.098	1.093	1.087	1.079	1.071	1.062	1.052	1.043
46.	1.079	1.084	1.087	1.088	1.087	1.085	1.081	1.075	1.069	1.061	1.053	1.044	1.035
48.	1.070	1.075	1.079	1.080	1.079	1.077	1.074	1.069	1.062	1.055	1.048	1.039	1.031
50.	1.067	1.073	1.076	1.077	1.077	1.075	1.071	1.066	1.060	1.053	1.046	1.038	1.029

ROOM HEIGHT 60.0 DETECTOR HEIGHT 4.C

X/Y	26.	28.	30.	32.	34.	36.	38.	4C.	42.	44.	46.	48.	5C.
C.	1.689	1.551	1.440	1.351	1.279	1.221	1.174	1.137	1.108	1.087	1.072	1.063	1.060
2.	1.689	1.552	1.443	1.354	1.283	1.225	1.179	1.142	1.113	1.092	1.077	1.068	1.065
4.	1.676	1.544	1.438	1.352	1.282	1.226	1.181	1.144	1.116	1.095	1.080	1.071	1.069
6.	1.653	1.528	1.426	1.344	1.277	1.223	1.178	1.143	1.116	1.095	1.081	1.073	1.070
8.	1.620	1.504	1.409	1.331	1.268	1.216	1.174	1.140	1.114	1.094	1.080	1.072	1.069
1C.	1.580	1.474	1.387	1.315	1.255	1.206	1.167	1.135	1.110	1.091	1.078	1.070	1.067
12.	1.536	1.440	1.361	1.295	1.240	1.194	1.157	1.127	1.104	1.086	1.073	1.066	1.064
14.	1.488	1.404	1.332	1.272	1.222	1.181	1.146	1.118	1.096	1.080	1.068	1.061	1.059
16.	1.440	1.365	1.302	1.248	1.203	1.165	1.133	1.108	1.087	1.072	1.061	1.055	1.053
18.	1.391	1.327	1.271	1.224	1.183	1.149	1.120	1.096	1.078	1.064	1.054	1.048	1.046
2C.	1.345	1.289	1.241	1.198	1.162	1.131	1.106	1.086	1.067	1.055	1.045	1.040	1.038
22.	1.301	1.253	1.211	1.174	1.142	1.114	1.091	1.072	1.057	1.045	1.037	1.032	1.030
24.	1.259	1.218	1.182	1.150	1.122	1.097	1.077	1.059	1.046	1.035	1.028	1.023	1.022
26.	1.221	1.186	1.155	1.127	1.102	1.081	1.062	1.047	1.035	1.025	1.018	1.014	1.013
28.	1.186	1.157	1.130	1.105	1.084	1.065	1.049	1.035	1.024	1.015	1.009	1.006	1.005
3C.	1.155	1.130	1.106	1.085	1.066	1.050	1.036	1.024	1.014	1.006	1.001	0.997	0.996
32.	1.127	1.105	1.085	1.067	1.051	1.036	1.023	1.013	1.004	0.997	0.992	0.989	0.988
34.	1.102	1.084	1.066	1.051	1.036	1.023	1.012	1.003	0.995	0.989	0.985	0.982	0.981
36.	1.081	1.065	1.050	1.036	1.023	1.012	1.002	0.994	0.987	0.981	0.977	0.975	0.974
38.	1.062	1.049	1.036	1.023	1.012	1.002	0.993	0.986	0.980	0.975	0.971	0.969	0.968
4C.	1.047	1.035	1.024	1.013	1.003	0.994	0.986	0.979	0.973	0.969	0.966	0.964	0.963
42.	1.035	1.024	1.014	1.006	0.995	0.987	0.980	0.973	0.968	0.964	0.961	0.959	0.959
44.	1.025	1.015	1.006	0.997	0.989	0.981	0.975	0.969	0.964	0.960	0.957	0.956	0.955
46.	1.018	1.009	1.001	0.992	0.985	0.977	0.971	0.966	0.961	0.957	0.955	0.953	0.953
48.	1.014	1.006	0.997	0.989	0.982	0.975	0.969	0.964	0.959	0.956	0.953	0.952	0.951
5C.	1.013	1.005	0.996	0.988	0.981	0.974	0.968	0.963	0.959	0.955	0.953	0.951	0.951

ROOM HEIGHT 60.0 DETECTOR HEIGHT 6.C

X/Y	26.	28.	30.	32.	34.	36.	38.	4C.	42.	44.	46.	48.	5C.
C.	1.674	1.542	1.437	1.351	1.281	1.225	1.179	1.143	1.115	1.094	1.079	1.070	1.067
2.	1.674	1.544	1.439	1.354	1.285	1.229	1.184	1.148	1.120	1.099	1.084	1.075	1.073
4.	1.662	1.537	1.435	1.352	1.285	1.230	1.185	1.150	1.122	1.102	1.087	1.079	1.076
6.	1.640	1.521	1.424	1.345	1.280	1.227	1.184	1.149	1.122	1.102	1.088	1.080	1.077
8.	1.610	1.499	1.408	1.333	1.271	1.220	1.179	1.146	1.120	1.101	1.087	1.079	1.077
1C.	1.572	1.470	1.386	1.317	1.259	1.211	1.172	1.141	1.116	1.098	1.085	1.077	1.075
12.	1.529	1.438	1.361	1.297	1.244	1.200	1.163	1.134	1.111	1.093	1.081	1.074	1.071
14.	1.484	1.403	1.334	1.276	1.227	1.186	1.152	1.125	1.103	1.087	1.075	1.069	1.066
16.	1.437	1.366	1.304	1.252	1.208	1.171	1.140	1.115	1.095	1.079	1.069	1.062	1.060
18.	1.391	1.329	1.274	1.228	1.188	1.155	1.126	1.103	1.085	1.071	1.061	1.055	1.053
2C.	1.346	1.292	1.245	1.203	1.168	1.138	1.112	1.092	1.075	1.062	1.053	1.048	1.046
22.	1.303	1.256	1.215	1.179	1.148	1.121	1.098	1.079	1.064	1.052	1.044	1.039	1.038
24.	1.263	1.223	1.187	1.156	1.128	1.104	1.084	1.067	1.053	1.043	1.035	1.031	1.029
26.	1.225	1.191	1.161	1.133	1.109	1.088	1.070	1.055	1.042	1.033	1.026	1.022	1.021
28.	1.191	1.162	1.136	1.112	1.091	1.072	1.056	1.043	1.032	1.023	1.017	1.014	1.012
3C.	1.161	1.136	1.113	1.092	1.074	1.057	1.043	1.031	1.021	1.014	1.008	1.005	1.004
32.	1.133	1.112	1.092	1.074	1.058	1.044	1.031	1.020	1.012	1.005	1.000	0.997	0.996
34.	1.109	1.091	1.074	1.058	1.044	1.031	1.020	1.011	1.003	0.997	0.992	0.990	0.989
36.	1.088	1.072	1.057	1.044	1.031	1.020	1.010	1.002	0.995	0.989	0.985	0.983	0.982
38.	1.070	1.056	1.043	1.031	1.020	1.010	1.001	0.994	0.987	0.982	0.979	0.977	0.976
4C.	1.055	1.043	1.031	1.020	1.011	1.002	0.994	0.987	0.981	0.977	0.973	0.971	0.971
42.	1.042	1.032	1.021	1.012	1.003	0.995	0.987	0.981	0.976	0.972	0.969	0.967	0.966
44.	1.033	1.023	1.014	1.005	0.997	0.989	0.982	0.977	0.972	0.968	0.965	0.964	0.963
46.	1.026	1.017	1.008	1.000	0.992	0.985	0.979	0.973	0.969	0.965	0.963	0.961	0.960
48.	1.022	1.014	1.005	0.997	0.990	0.983	0.977	0.971	0.967	0.964	0.961	0.959	0.959
5C.	1.021	1.012	1.004	0.996	0.989	0.982	0.976	0.971	0.966	0.963	0.960	0.959	0.958

ROOM HEIGHT 60.0 DETECTOR HEIGHT 8.0

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	12.128	11.456	9.834	7.995	6.386	5.125	4.177	3.471	2.942	2.541	2.232	1.992	1.802
2.	11.456	10.859	9.401	7.717	6.217	5.024	4.116	3.434	2.919	2.527	2.225	1.988	1.801
4.	9.834	9.401	8.309	6.989	5.757	4.736	3.935	3.318	2.843	2.477	2.191	1.965	1.785
6.	7.995	7.717	6.989	6.059	5.137	4.331	3.670	3.142	2.725	2.396	2.134	1.925	1.757
8.	6.386	6.217	5.757	5.137	4.486	3.883	3.363	2.931	2.578	2.293	2.061	1.872	1.718
10.	5.125	5.024	4.736	4.331	3.883	3.446	3.050	2.707	2.418	2.176	1.976	1.809	1.672
12.	4.177	4.116	3.935	3.670	3.363	3.050	2.754	2.488	2.255	2.055	1.885	1.741	1.619
14.	3.471	3.434	3.318	3.142	2.931	2.707	2.488	2.283	2.098	1.935	1.793	1.670	1.565
16.	2.942	2.919	2.843	2.725	2.578	2.418	2.255	2.098	1.953	1.821	1.703	1.600	1.509
18.	2.541	2.527	2.477	2.396	2.293	2.176	2.055	1.935	1.821	1.715	1.618	1.531	1.454
20.	2.232	2.225	2.191	2.134	2.061	1.976	1.885	1.793	1.703	1.618	1.539	1.467	1.402
22.	1.992	1.988	1.965	1.925	1.872	1.809	1.741	1.670	1.600	1.531	1.467	1.407	1.352
24.	1.802	1.801	1.785	1.757	1.718	1.672	1.619	1.565	1.509	1.454	1.402	1.352	1.306
26.	1.650	1.651	1.640	1.620	1.592	1.557	1.517	1.474	1.430	1.386	1.343	1.302	1.263
28.	1.527	1.529	1.523	1.509	1.488	1.461	1.431	1.397	1.362	1.327	1.291	1.257	1.225
30.	1.428	1.431	1.427	1.417	1.401	1.381	1.358	1.331	1.303	1.275	1.246	1.218	1.190
32.	1.347	1.350	1.348	1.342	1.330	1.315	1.296	1.276	1.253	1.230	1.206	1.183	1.160
34.	1.280	1.284	1.284	1.279	1.271	1.259	1.245	1.229	1.211	1.191	1.172	1.152	1.133
36.	1.226	1.230	1.231	1.228	1.222	1.214	1.202	1.189	1.175	1.159	1.142	1.126	1.109
38.	1.182	1.187	1.188	1.187	1.183	1.176	1.167	1.156	1.144	1.131	1.118	1.104	1.090
40.	1.147	1.152	1.154	1.153	1.151	1.146	1.139	1.130	1.120	1.109	1.097	1.085	1.073
42.	1.119	1.124	1.127	1.127	1.125	1.122	1.116	1.109	1.100	1.091	1.081	1.070	1.060
44.	1.099	1.104	1.107	1.108	1.107	1.104	1.099	1.093	1.086	1.077	1.068	1.059	1.049
46.	1.084	1.090	1.093	1.094	1.093	1.091	1.087	1.082	1.075	1.068	1.060	1.051	1.042
48.	1.076	1.081	1.085	1.086	1.086	1.083	1.080	1.075	1.069	1.062	1.054	1.046	1.038
50.	1.073	1.078	1.082	1.083	1.083	1.081	1.077	1.073	1.067	1.060	1.053	1.044	1.036

ROOM HEIGHT 60.0 DETECTOR HEIGHT 10.0

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	8.004	7.726	6.997	6.066	5.144	4.338	3.676	3.147	2.729	2.399	2.137	1.927	1.758
2.	7.726	7.469	6.791	5.917	5.043	4.271	3.633	3.120	2.712	2.389	2.131	1.924	1.757
4.	6.997	6.791	6.237	5.506	4.755	4.076	3.501	3.030	2.651	2.347	2.102	1.905	1.744
6.	6.066	5.917	5.506	4.947	4.350	3.791	3.303	2.893	2.555	2.279	2.054	1.870	1.719
8.	5.144	5.043	4.755	4.350	3.901	3.464	3.067	2.724	2.434	2.191	1.990	1.823	1.684
10.	4.338	4.271	4.076	3.791	3.464	3.132	2.820	2.541	2.299	2.091	1.915	1.767	1.642
12.	3.676	3.633	3.501	3.303	3.067	2.820	2.580	2.358	2.160	1.986	1.835	1.705	1.594
14.	3.147	3.120	3.030	2.893	2.724	2.541	2.358	2.184	2.024	1.880	1.752	1.641	1.544
16.	2.729	2.712	2.651	2.555	2.434	2.299	2.160	2.024	1.896	1.778	1.671	1.576	1.493
18.	2.399	2.389	2.347	2.279	2.191	2.091	1.986	1.880	1.778	1.682	1.594	1.513	1.442
20.	2.137	2.131	2.102	2.054	1.990	1.915	1.835	1.752	1.671	1.594	1.521	1.454	1.392
22.	1.927	1.924	1.905	1.870	1.823	1.767	1.705	1.641	1.576	1.513	1.454	1.397	1.346
24.	1.758	1.757	1.744	1.719	1.684	1.642	1.594	1.544	1.493	1.442	1.392	1.346	1.302
26.	1.620	1.621	1.612	1.594	1.569	1.537	1.500	1.460	1.419	1.378	1.337	1.299	1.262
28.	1.508	1.510	1.504	1.492	1.472	1.448	1.419	1.388	1.355	1.322	1.288	1.256	1.225
30.	1.415	1.418	1.415	1.406	1.392	1.373	1.351	1.326	1.300	1.273	1.245	1.218	1.192
32.	1.339	1.343	1.341	1.335	1.325	1.310	1.293	1.273	1.252	1.230	1.207	1.184	1.162
34.	1.276	1.280	1.280	1.276	1.269	1.258	1.244	1.228	1.211	1.193	1.174	1.155	1.136
36.	1.225	1.229	1.230	1.228	1.222	1.214	1.203	1.191	1.177	1.161	1.146	1.129	1.113
38.	1.183	1.187	1.189	1.188	1.184	1.178	1.169	1.159	1.148	1.135	1.122	1.108	1.094
40.	1.149	1.154	1.156	1.156	1.153	1.148	1.142	1.133	1.124	1.113	1.102	1.090	1.078
42.	1.122	1.128	1.130	1.131	1.129	1.125	1.120	1.113	1.105	1.096	1.086	1.075	1.065
44.	1.102	1.108	1.111	1.112	1.111	1.108	1.103	1.097	1.090	1.082	1.074	1.064	1.055
46.	1.089	1.094	1.097	1.098	1.098	1.096	1.092	1.087	1.080	1.073	1.065	1.056	1.048
48.	1.080	1.086	1.089	1.091	1.090	1.088	1.085	1.080	1.074	1.067	1.060	1.052	1.043
50.	1.078	1.083	1.086	1.088	1.088	1.086	1.083	1.078	1.072	1.065	1.058	1.050	1.042

ROOM HEIGHT 60.0 DETECTOR HEIGHT 8.0

X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	1.650	1.527	1.428	1.347	1.280	1.226	1.182	1.147	1.119	1.099	1.084	1.076	1.073
2.	1.651	1.529	1.431	1.350	1.284	1.230	1.187	1.152	1.124	1.104	1.090	1.081	1.078
4.	1.640	1.523	1.427	1.348	1.284	1.231	1.188	1.154	1.127	1.107	1.093	1.085	1.082
6.	1.620	1.509	1.417	1.342	1.279	1.228	1.187	1.153	1.127	1.108	1.094	1.086	1.083
8.	1.592	1.488	1.401	1.330	1.271	1.222	1.183	1.151	1.125	1.107	1.093	1.086	1.083
10.	1.557	1.461	1.381	1.315	1.259	1.214	1.176	1.146	1.122	1.104	1.091	1.083	1.081
12.	1.517	1.431	1.358	1.296	1.245	1.202	1.167	1.139	1.116	1.099	1.087	1.080	1.077
14.	1.474	1.397	1.331	1.276	1.229	1.189	1.156	1.130	1.109	1.093	1.082	1.075	1.073
16.	1.430	1.362	1.303	1.253	1.211	1.175	1.144	1.120	1.100	1.086	1.075	1.069	1.067
18.	1.386	1.327	1.275	1.230	1.191	1.159	1.131	1.109	1.091	1.077	1.068	1.062	1.060
20.	1.343	1.291	1.246	1.206	1.172	1.142	1.118	1.097	1.081	1.068	1.060	1.054	1.053
22.	1.302	1.257	1.218	1.183	1.152	1.126	1.104	1.085	1.070	1.059	1.051	1.046	1.044
24.	1.263	1.225	1.190	1.160	1.133	1.109	1.090	1.073	1.060	1.049	1.042	1.038	1.036
26.	1.227	1.194	1.165	1.138	1.114	1.093	1.076	1.061	1.049	1.040	1.033	1.029	1.028
28.	1.194	1.166	1.140	1.117	1.096	1.078	1.062	1.049	1.038	1.030	1.024	1.020	1.019
30.	1.165	1.140	1.118	1.098	1.080	1.063	1.050	1.038	1.028	1.021	1.015	1.012	1.011
32.	1.138	1.117	1.098	1.080	1.064	1.050	1.038	1.027	1.019	1.012	1.007	1.004	1.003
34.	1.114	1.096	1.080	1.064	1.050	1.038	1.027	1.017	1.010	1.004	0.999	0.997	0.996
36.	1.093	1.078	1.063	1.050	1.038	1.026	1.017	1.008	1.001	0.996	0.992	0.990	0.989
38.	1.076	1.062	1.050	1.038	1.027	1.017	1.008	1.000	0.994	0.989	0.986	0.984	0.983
40.	1.061	1.049	1.038	1.027	1.017	1.008	1.000	0.994	0.988	0.984	0.980	0.978	0.978
42.	1.049	1.038	1.028	1.019	1.010	1.001	0.994	0.988	0.983	0.979	0.976	0.974	0.973
44.	1.040	1.030	1.021	1.012	1.004	0.996	0.989	0.984	0.979	0.975	0.972	0.971	0.970
46.	1.033	1.024	1.015	1.007	0.999	0.992	0.986	0.980	0.976	0.972	0.970	0.968	0.967
48.	1.029	1.020	1.012	1.004	0.997	0.990	0.984	0.978	0.974	0.971	0.968	0.966	0.966
50.	1.028	1.019	1.011	1.003	0.996	0.989	0.983	0.978	0.973	0.970	0.967	0.966	0.965

ROOM HEIGHT 60.0 DETECTOR HEIGHT 10.0

X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	1.620	1.508	1.415	1.339	1.276	1.225	1.183	1.149	1.122	1.102	1.089	1.080	1.078
2.	1.621	1.510	1.418	1.343	1.280	1.229	1.187	1.154	1.128	1.108	1.094	1.086	1.083
4.	1.612	1.504	1.415	1.341	1.280	1.230	1.189	1.156	1.130	1.111	1.097	1.089	1.086
6.	1.594	1.492	1.406	1.335	1.276	1.228	1.188	1.156	1.131	1.112	1.098	1.091	1.088
8.	1.569	1.472	1.392	1.325	1.269	1.222	1.184	1.153	1.129	1.111	1.098	1.090	1.089
10.	1.537	1.448	1.373	1.310	1.258	1.214	1.178	1.148	1.125	1.108	1.096	1.088	1.086
12.	1.500	1.419	1.351	1.293	1.244	1.203	1.169	1.142	1.120	1.103	1.092	1.085	1.083
14.	1.460	1.388	1.326	1.273	1.228	1.191	1.159	1.133	1.113	1.097	1.087	1.080	1.078
16.	1.419	1.355	1.300	1.252	1.211	1.177	1.148	1.124	1.105	1.090	1.080	1.074	1.072
18.	1.378	1.322	1.273	1.230	1.193	1.161	1.135	1.113	1.096	1.082	1.073	1.067	1.065
20.	1.337	1.288	1.245	1.207	1.174	1.146	1.122	1.102	1.086	1.074	1.065	1.060	1.058
22.	1.299	1.256	1.218	1.184	1.155	1.129	1.108	1.090	1.075	1.064	1.056	1.052	1.050
24.	1.262	1.225	1.192	1.162	1.136	1.113	1.094	1.078	1.065	1.055	1.048	1.043	1.042
26.	1.227	1.196	1.167	1.141	1.118	1.098	1.081	1.066	1.054	1.045	1.039	1.035	1.034
28.	1.196	1.168	1.143	1.121	1.101	1.083	1.067	1.054	1.044	1.036	1.030	1.026	1.025
30.	1.167	1.143	1.122	1.102	1.084	1.069	1.055	1.043	1.034	1.027	1.021	1.018	1.017
32.	1.141	1.121	1.102	1.085	1.069	1.055	1.043	1.033	1.024	1.018	1.013	1.010	1.009
34.	1.118	1.101	1.084	1.069	1.055	1.043	1.032	1.023	1.016	1.010	1.005	1.003	1.002
36.	1.098	1.083	1.069	1.055	1.043	1.032	1.023	1.014	1.008	1.002	0.998	0.996	0.995
38.	1.081	1.067	1.055	1.043	1.032	1.023	1.014	1.007	1.000	0.996	0.992	0.990	0.989
40.	1.066	1.054	1.043	1.033	1.023	1.014	1.007	1.000	0.994	0.990	0.987	0.985	0.984
42.	1.054	1.044	1.034	1.024	1.016	1.008	1.000	0.994	0.989	0.985	0.982	0.980	0.980
44.	1.045	1.036	1.027	1.018	1.010	1.002	0.996	0.990	0.985	0.981	0.978	0.977	0.976
46.	1.039	1.030	1.021	1.013	1.005	0.998	0.992	0.987	0.982	0.978	0.976	0.974	0.974
48.	1.035	1.026	1.018	1.010	1.003	0.996	0.990	0.985	0.980	0.977	0.974	0.973	0.972
50.	1.034	1.025	1.017	1.009	1.002	0.995	0.989	0.984	0.980	0.976	0.974	0.972	0.972

ROOM HEIGHT 60.0 DETECTOR HEIGHT 12.0

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	5.777	5.644	5.275	4.767	4.218	3.698	3.238	2.848	2.524	2.257	2.038	1.858	1.709
2.	5.644	5.518	5.168	4.683	4.157	3.655	3.209	2.829	2.511	2.250	2.034	1.856	1.710
4.	5.275	5.168	4.866	4.443	3.976	3.523	3.114	2.761	2.464	2.216	2.010	1.840	1.699
6.	4.767	4.683	4.443	4.099	3.710	3.324	2.969	2.656	2.387	2.160	1.970	1.810	1.677
8.	4.218	4.157	3.976	3.710	3.402	3.088	2.791	2.523	2.289	2.087	1.915	1.769	1.646
10.	3.698	3.655	3.523	3.324	3.088	2.841	2.600	2.377	2.178	2.003	1.851	1.720	1.609
12.	3.238	3.209	3.114	2.969	2.791	2.600	2.409	2.227	2.061	1.912	1.781	1.666	1.566
14.	2.848	2.829	2.761	2.656	2.523	2.377	2.227	2.082	1.945	1.820	1.708	1.608	1.520
16.	2.524	2.511	2.464	2.387	2.289	2.178	2.061	1.945	1.834	1.730	1.635	1.550	1.473
18.	2.257	2.250	2.216	2.160	2.087	2.003	1.912	1.820	1.730	1.645	1.565	1.492	1.426
20.	2.038	2.034	2.010	1.970	1.915	1.851	1.781	1.708	1.635	1.565	1.499	1.437	1.381
22.	1.858	1.856	1.840	1.810	1.769	1.720	1.666	1.608	1.550	1.492	1.437	1.385	1.337
24.	1.709	1.710	1.699	1.677	1.646	1.609	1.566	1.520	1.473	1.426	1.381	1.337	1.296
26.	1.587	1.588	1.581	1.565	1.542	1.513	1.480	1.443	1.406	1.367	1.330	1.293	1.258
28.	1.485	1.487	1.483	1.471	1.454	1.432	1.406	1.377	1.346	1.315	1.283	1.253	1.223
30.	1.400	1.403	1.401	1.393	1.380	1.362	1.342	1.319	1.294	1.268	1.242	1.217	1.192
32.	1.329	1.333	1.332	1.327	1.317	1.304	1.288	1.269	1.249	1.228	1.206	1.185	1.163
34.	1.270	1.275	1.275	1.271	1.264	1.254	1.241	1.227	1.210	1.193	1.175	1.156	1.138
36.	1.222	1.226	1.228	1.225	1.220	1.213	1.202	1.191	1.177	1.163	1.147	1.132	1.116
38.	1.182	1.187	1.189	1.188	1.184	1.178	1.170	1.160	1.149	1.137	1.124	1.111	1.098
40.	1.150	1.155	1.157	1.157	1.155	1.150	1.144	1.136	1.126	1.116	1.105	1.094	1.082
42.	1.124	1.129	1.132	1.133	1.131	1.128	1.123	1.116	1.108	1.099	1.090	1.080	1.069
44.	1.105	1.110	1.114	1.115	1.114	1.111	1.107	1.101	1.094	1.086	1.078	1.069	1.059
46.	1.092	1.097	1.100	1.102	1.101	1.099	1.096	1.091	1.084	1.077	1.069	1.061	1.052
48.	1.084	1.089	1.093	1.094	1.094	1.092	1.089	1.084	1.078	1.072	1.064	1.056	1.048
50.	1.081	1.087	1.090	1.092	1.092	1.090	1.087	1.082	1.077	1.070	1.063	1.055	1.047

ROOM HEIGHT 60.0 DETECTOR HEIGHT 14.0

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	4.448	4.378	4.174	3.877	3.537	3.194	2.873	2.586	2.336	2.123	1.942	1.789	1.660
2.	4.378	4.311	4.115	3.829	3.500	3.167	2.854	2.573	2.328	2.118	1.940	1.789	1.661
4.	4.174	4.115	3.940	3.683	3.384	3.077	2.786	2.523	2.291	2.091	1.921	1.775	1.652
6.	3.877	3.829	3.683	3.464	3.207	2.939	2.660	2.442	2.231	2.046	1.887	1.750	1.633
8.	3.537	3.500	3.384	3.207	2.994	2.769	2.547	2.340	2.152	1.986	1.841	1.715	1.607
10.	3.194	3.167	3.077	2.939	2.769	2.585	2.400	2.224	2.062	1.916	1.786	1.673	1.574
12.	2.873	2.854	2.786	2.680	2.547	2.400	2.249	2.103	1.965	1.839	1.726	1.625	1.536
14.	2.586	2.573	2.523	2.442	2.340	2.224	2.103	1.982	1.867	1.760	1.662	1.574	1.495
16.	2.336	2.328	2.291	2.231	2.152	2.062	1.965	1.867	1.772	1.682	1.598	1.522	1.452
18.	2.123	2.118	2.091	2.046	1.986	1.916	1.839	1.760	1.682	1.607	1.536	1.470	1.410
20.	1.942	1.940	1.921	1.887	1.841	1.786	1.726	1.662	1.598	1.536	1.476	1.420	1.368
22.	1.789	1.789	1.775	1.750	1.715	1.673	1.625	1.574	1.522	1.470	1.420	1.372	1.327
24.	1.660	1.661	1.652	1.633	1.607	1.574	1.536	1.495	1.452	1.410	1.368	1.327	1.289
26.	1.552	1.554	1.548	1.534	1.514	1.488	1.458	1.425	1.390	1.355	1.320	1.286	1.253
28.	1.460	1.463	1.459	1.449	1.434	1.414	1.390	1.364	1.335	1.306	1.277	1.248	1.220
30.	1.383	1.386	1.384	1.377	1.366	1.350	1.331	1.310	1.287	1.263	1.238	1.214	1.190
32.	1.317	1.322	1.321	1.316	1.308	1.296	1.281	1.263	1.245	1.225	1.204	1.184	1.163
34.	1.263	1.267	1.268	1.265	1.259	1.249	1.237	1.223	1.208	1.191	1.174	1.157	1.139
36.	1.217	1.222	1.223	1.222	1.217	1.210	1.201	1.189	1.176	1.163	1.148	1.133	1.118
38.	1.180	1.185	1.187	1.186	1.183	1.177	1.170	1.161	1.150	1.138	1.126	1.113	1.100
40.	1.149	1.154	1.157	1.157	1.155	1.151	1.145	1.137	1.128	1.118	1.107	1.096	1.085
42.	1.125	1.130	1.133	1.134	1.133	1.129	1.124	1.118	1.110	1.102	1.093	1.083	1.073
44.	1.107	1.112	1.115	1.116	1.116	1.113	1.109	1.104	1.097	1.089	1.081	1.072	1.063
46.	1.094	1.099	1.103	1.104	1.104	1.102	1.098	1.094	1.088	1.081	1.073	1.065	1.056
48.	1.086	1.092	1.095	1.097	1.097	1.095	1.092	1.088	1.082	1.075	1.068	1.060	1.052
50.	1.084	1.089	1.093	1.095	1.095	1.093	1.090	1.086	1.080	1.074	1.067	1.059	1.051

ROOM HEIGHT			60.0		DETECTOR HEIGHT			12.0					
X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	1.587	1.485	1.400	1.329	1.270	1.222	1.182	1.150	1.124	1.105	1.092	1.084	1.081
2.	1.588	1.487	1.403	1.333	1.275	1.226	1.187	1.155	1.129	1.110	1.097	1.089	1.087
4.	1.581	1.483	1.401	1.332	1.275	1.228	1.189	1.157	1.132	1.114	1.100	1.093	1.090
6.	1.565	1.471	1.393	1.327	1.271	1.225	1.188	1.157	1.133	1.115	1.102	1.094	1.092
8.	1.542	1.454	1.380	1.317	1.264	1.220	1.184	1.155	1.131	1.114	1.101	1.094	1.092
10.	1.513	1.432	1.362	1.304	1.254	1.213	1.178	1.150	1.128	1.111	1.099	1.092	1.090
12.	1.480	1.406	1.342	1.288	1.241	1.202	1.170	1.144	1.123	1.107	1.096	1.089	1.087
14.	1.443	1.377	1.319	1.269	1.227	1.191	1.160	1.136	1.116	1.101	1.091	1.084	1.082
16.	1.406	1.346	1.294	1.249	1.210	1.177	1.149	1.126	1.108	1.094	1.084	1.078	1.077
18.	1.367	1.315	1.268	1.228	1.193	1.163	1.137	1.116	1.099	1.086	1.077	1.072	1.070
20.	1.330	1.283	1.242	1.206	1.175	1.147	1.124	1.105	1.090	1.078	1.069	1.064	1.063
22.	1.293	1.253	1.217	1.185	1.156	1.132	1.111	1.094	1.080	1.069	1.061	1.056	1.055
24.	1.258	1.223	1.192	1.163	1.138	1.116	1.098	1.082	1.069	1.059	1.052	1.048	1.047
26.	1.226	1.195	1.168	1.143	1.121	1.101	1.084	1.070	1.059	1.050	1.044	1.040	1.039
28.	1.195	1.169	1.145	1.123	1.104	1.087	1.072	1.059	1.049	1.041	1.035	1.031	1.030
30.	1.168	1.145	1.124	1.105	1.088	1.073	1.059	1.048	1.039	1.032	1.026	1.023	1.022
32.	1.143	1.123	1.105	1.088	1.073	1.060	1.048	1.038	1.029	1.023	1.018	1.016	1.015
34.	1.121	1.104	1.088	1.073	1.060	1.048	1.037	1.028	1.021	1.015	1.011	1.008	1.007
36.	1.101	1.087	1.073	1.060	1.048	1.037	1.028	1.019	1.013	1.008	1.004	1.001	1.001
38.	1.084	1.072	1.059	1.048	1.037	1.028	1.019	1.012	1.006	1.001	0.998	0.995	0.995
40.	1.070	1.059	1.048	1.038	1.028	1.019	1.012	1.005	1.000	0.995	0.992	0.990	0.990
42.	1.059	1.049	1.039	1.029	1.021	1.013	1.006	1.000	0.995	0.991	0.988	0.986	0.985
44.	1.050	1.041	1.032	1.023	1.015	1.008	1.001	0.995	0.991	0.987	0.984	0.982	0.982
46.	1.044	1.035	1.026	1.018	1.011	1.004	0.998	0.992	0.988	0.984	0.981	0.980	0.979
48.	1.040	1.031	1.023	1.016	1.008	1.001	0.995	0.990	0.986	0.982	0.980	0.978	0.978
50.	1.039	1.030	1.022	1.015	1.007	1.001	0.995	0.990	0.985	0.982	0.979	0.978	0.977

ROOM HEIGHT			60.0		DETECTOR HEIGHT			14.0					
X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	1.552	1.460	1.383	1.317	1.263	1.217	1.180	1.149	1.125	1.107	1.094	1.086	1.084
2.	1.554	1.463	1.386	1.322	1.267	1.222	1.185	1.154	1.130	1.112	1.099	1.092	1.089
4.	1.548	1.459	1.384	1.321	1.268	1.223	1.187	1.157	1.133	1.115	1.103	1.095	1.093
6.	1.534	1.449	1.377	1.316	1.265	1.222	1.186	1.157	1.134	1.116	1.104	1.097	1.095
8.	1.514	1.434	1.366	1.308	1.259	1.217	1.183	1.155	1.133	1.116	1.104	1.097	1.095
10.	1.488	1.414	1.350	1.296	1.249	1.210	1.177	1.151	1.129	1.113	1.102	1.095	1.093
12.	1.458	1.390	1.331	1.281	1.237	1.201	1.170	1.145	1.124	1.109	1.098	1.092	1.090
14.	1.425	1.364	1.310	1.263	1.223	1.189	1.161	1.137	1.118	1.104	1.094	1.088	1.086
16.	1.390	1.335	1.287	1.245	1.208	1.176	1.150	1.128	1.110	1.097	1.088	1.082	1.080
18.	1.355	1.306	1.263	1.225	1.191	1.163	1.138	1.118	1.102	1.089	1.081	1.075	1.074
20.	1.320	1.277	1.238	1.204	1.174	1.148	1.126	1.107	1.093	1.081	1.073	1.068	1.067
22.	1.286	1.248	1.214	1.184	1.157	1.133	1.113	1.096	1.083	1.072	1.065	1.060	1.059
24.	1.253	1.220	1.190	1.163	1.139	1.118	1.100	1.085	1.073	1.063	1.056	1.052	1.051
26.	1.222	1.194	1.167	1.144	1.122	1.104	1.087	1.074	1.062	1.054	1.048	1.044	1.043
28.	1.194	1.169	1.146	1.125	1.106	1.089	1.075	1.063	1.053	1.045	1.039	1.036	1.035
30.	1.167	1.146	1.126	1.107	1.091	1.076	1.063	1.052	1.043	1.036	1.031	1.028	1.027
32.	1.144	1.125	1.107	1.091	1.076	1.063	1.052	1.042	1.034	1.027	1.023	1.020	1.019
34.	1.122	1.106	1.091	1.076	1.063	1.052	1.041	1.032	1.025	1.019	1.015	1.013	1.012
36.	1.104	1.089	1.076	1.063	1.052	1.041	1.032	1.024	1.017	1.012	1.008	1.006	1.005
38.	1.087	1.075	1.063	1.052	1.041	1.032	1.023	1.016	1.010	1.006	1.002	1.000	1.000
40.	1.074	1.063	1.052	1.042	1.032	1.024	1.016	1.010	1.004	1.000	0.997	0.995	0.994
42.	1.062	1.053	1.043	1.034	1.025	1.017	1.010	1.004	0.999	0.995	0.992	0.991	0.990
44.	1.054	1.045	1.036	1.027	1.019	1.012	1.006	1.000	0.995	0.992	0.989	0.987	0.987
46.	1.048	1.039	1.031	1.023	1.015	1.008	1.002	0.997	0.992	0.989	0.986	0.985	0.984
48.	1.044	1.036	1.028	1.020	1.013	1.006	1.000	0.995	0.991	0.987	0.985	0.983	0.983
50.	1.043	1.035	1.027	1.019	1.012	1.005	1.000	0.994	0.990	0.987	0.984	0.983	0.982

ROOM HEIGHT 60.0 DETECTOR HEIGHT 16.0

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	3.599	3.560	3.439	3.257	3.037	2.805	2.577	2.364	2.172	2.002	1.853	1.724	1.613
2.	3.560	3.523	3.406	3.228	3.015	2.788	2.565	2.356	2.167	1.999	1.852	1.724	1.614
4.	3.439	3.406	3.299	3.135	2.938	2.726	2.517	2.319	2.139	1.978	1.837	1.714	1.607
6.	3.257	3.228	3.135	2.993	2.818	2.628	2.439	2.258	2.092	1.942	1.809	1.693	1.591
8.	3.037	3.015	2.938	2.818	2.669	2.505	2.339	2.179	2.029	1.893	1.771	1.663	1.568
10.	2.805	2.788	2.726	2.628	2.505	2.368	2.226	2.087	1.956	1.834	1.725	1.626	1.539
12.	2.577	2.565	2.517	2.439	2.339	2.226	2.108	1.990	1.876	1.770	1.673	1.585	1.506
14.	2.364	2.356	2.319	2.258	2.179	2.087	1.990	1.891	1.794	1.703	1.618	1.540	1.469
16.	2.172	2.167	2.139	2.092	2.029	1.956	1.876	1.794	1.713	1.635	1.562	1.493	1.431
18.	2.002	1.999	1.978	1.942	1.893	1.834	1.770	1.703	1.635	1.569	1.506	1.447	1.392
20.	1.853	1.852	1.837	1.809	1.771	1.725	1.673	1.618	1.562	1.506	1.452	1.401	1.354
22.	1.724	1.724	1.714	1.693	1.663	1.626	1.585	1.540	1.493	1.447	1.401	1.358	1.316
24.	1.613	1.614	1.607	1.591	1.568	1.539	1.506	1.469	1.431	1.392	1.354	1.316	1.281
26.	1.517	1.520	1.515	1.503	1.485	1.463	1.436	1.406	1.375	1.342	1.310	1.278	1.248
28.	1.435	1.438	1.436	1.427	1.413	1.395	1.374	1.350	1.324	1.297	1.270	1.243	1.216
30.	1.365	1.369	1.368	1.362	1.351	1.337	1.320	1.300	1.279	1.256	1.234	1.211	1.188
32.	1.305	1.310	1.310	1.305	1.298	1.287	1.273	1.257	1.239	1.221	1.201	1.182	1.162
34.	1.255	1.259	1.260	1.258	1.252	1.243	1.232	1.219	1.205	1.189	1.173	1.156	1.139
36.	1.212	1.217	1.219	1.217	1.213	1.207	1.198	1.187	1.175	1.162	1.148	1.134	1.119
38.	1.177	1.182	1.184	1.184	1.181	1.176	1.169	1.160	1.150	1.139	1.127	1.114	1.102
40.	1.148	1.153	1.156	1.156	1.154	1.150	1.145	1.137	1.129	1.119	1.109	1.098	1.087
42.	1.125	1.130	1.133	1.134	1.133	1.130	1.125	1.119	1.112	1.104	1.095	1.085	1.075
44.	1.107	1.113	1.116	1.118	1.117	1.115	1.111	1.106	1.099	1.092	1.084	1.075	1.066
46.	1.095	1.101	1.104	1.106	1.106	1.104	1.100	1.096	1.090	1.083	1.076	1.068	1.060
48.	1.088	1.093	1.097	1.099	1.099	1.097	1.094	1.090	1.085	1.078	1.071	1.064	1.056
50.	1.086	1.091	1.095	1.097	1.097	1.095	1.092	1.088	1.083	1.077	1.070	1.062	1.054

ROOM HEIGHT 60.0 DETECTOR HEIGHT 18.0

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	3.033	3.010	2.935	2.816	2.669	2.507	2.342	2.182	2.033	1.896	1.774	1.665	1.569
2.	3.010	2.989	2.915	2.799	2.656	2.497	2.335	2.177	2.030	1.895	1.774	1.666	1.571
4.	2.935	2.915	2.847	2.739	2.604	2.454	2.300	2.150	2.009	1.879	1.762	1.658	1.565
6.	2.816	2.799	2.739	2.642	2.520	2.384	2.243	2.104	1.972	1.850	1.740	1.640	1.552
8.	2.669	2.656	2.604	2.520	2.414	2.293	2.167	2.042	1.922	1.810	1.708	1.615	1.532
10.	2.507	2.497	2.454	2.384	2.293	2.190	2.080	1.970	1.863	1.762	1.669	1.584	1.507
12.	2.342	2.335	2.300	2.243	2.167	2.080	1.986	1.891	1.797	1.708	1.624	1.547	1.477
14.	2.182	2.177	2.150	2.104	2.042	1.970	1.891	1.809	1.729	1.650	1.577	1.508	1.445
16.	2.033	2.030	2.009	1.972	1.922	1.863	1.797	1.729	1.659	1.592	1.527	1.467	1.410
18.	1.896	1.895	1.879	1.850	1.810	1.762	1.708	1.650	1.592	1.534	1.478	1.425	1.375
20.	1.774	1.774	1.762	1.740	1.708	1.669	1.624	1.577	1.527	1.478	1.430	1.384	1.340
22.	1.665	1.666	1.658	1.640	1.615	1.584	1.547	1.508	1.467	1.425	1.384	1.344	1.306
24.	1.569	1.571	1.565	1.552	1.532	1.507	1.477	1.445	1.410	1.375	1.340	1.306	1.273
26.	1.485	1.488	1.484	1.474	1.459	1.438	1.414	1.388	1.359	1.329	1.300	1.270	1.241
28.	1.411	1.415	1.413	1.406	1.394	1.378	1.358	1.336	1.313	1.288	1.262	1.237	1.212
30.	1.348	1.352	1.351	1.346	1.337	1.324	1.309	1.291	1.271	1.250	1.228	1.207	1.185
32.	1.293	1.298	1.298	1.295	1.288	1.278	1.265	1.250	1.234	1.216	1.198	1.179	1.161
34.	1.246	1.251	1.252	1.250	1.245	1.237	1.227	1.215	1.201	1.186	1.171	1.155	1.139
36.	1.207	1.212	1.213	1.213	1.209	1.203	1.195	1.185	1.173	1.161	1.147	1.134	1.120
38.	1.173	1.178	1.181	1.181	1.178	1.174	1.167	1.159	1.149	1.138	1.127	1.115	1.103
40.	1.146	1.151	1.154	1.155	1.153	1.150	1.144	1.137	1.129	1.120	1.110	1.100	1.089
42.	1.124	1.130	1.133	1.134	1.133	1.130	1.126	1.120	1.113	1.105	1.096	1.087	1.077
44.	1.108	1.113	1.116	1.118	1.118	1.115	1.112	1.107	1.101	1.093	1.086	1.077	1.068
46.	1.096	1.101	1.105	1.107	1.107	1.105	1.102	1.097	1.092	1.085	1.078	1.070	1.062
48.	1.089	1.095	1.098	1.100	1.100	1.099	1.096	1.092	1.087	1.080	1.073	1.066	1.058
50.	1.087	1.092	1.096	1.098	1.098	1.097	1.094	1.090	1.085	1.079	1.072	1.065	1.057

ROOM HEIGHT 60.0 DETECTOR HEIGHT 16.0

X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	1.517	1.435	1.365	1.305	1.255	1.212	1.177	1.148	1.125	1.107	1.095	1.088	1.086
2.	1.520	1.438	1.369	1.310	1.259	1.217	1.182	1.153	1.130	1.113	1.101	1.093	1.091
4.	1.515	1.436	1.368	1.310	1.260	1.219	1.184	1.156	1.133	1.116	1.104	1.097	1.095
6.	1.503	1.427	1.362	1.305	1.258	1.217	1.184	1.156	1.134	1.118	1.106	1.099	1.097
8.	1.485	1.413	1.351	1.298	1.252	1.213	1.181	1.154	1.133	1.117	1.106	1.099	1.097
10.	1.463	1.395	1.337	1.287	1.243	1.207	1.176	1.150	1.130	1.115	1.104	1.097	1.095
12.	1.436	1.376	1.320	1.273	1.232	1.198	1.169	1.145	1.125	1.111	1.100	1.094	1.092
14.	1.406	1.350	1.300	1.257	1.219	1.187	1.160	1.137	1.119	1.106	1.096	1.090	1.088
16.	1.375	1.324	1.279	1.239	1.205	1.175	1.150	1.129	1.112	1.099	1.090	1.085	1.083
18.	1.342	1.297	1.256	1.221	1.189	1.162	1.139	1.119	1.104	1.092	1.083	1.078	1.077
20.	1.310	1.270	1.234	1.201	1.173	1.148	1.127	1.109	1.095	1.084	1.076	1.071	1.070
22.	1.278	1.243	1.211	1.182	1.156	1.134	1.114	1.098	1.085	1.075	1.068	1.064	1.062
24.	1.248	1.216	1.188	1.162	1.139	1.119	1.102	1.087	1.075	1.066	1.060	1.056	1.054
26.	1.219	1.191	1.166	1.144	1.123	1.105	1.089	1.076	1.065	1.057	1.051	1.047	1.046
28.	1.191	1.168	1.146	1.126	1.107	1.091	1.077	1.065	1.056	1.048	1.043	1.039	1.038
30.	1.166	1.146	1.127	1.109	1.093	1.078	1.066	1.055	1.046	1.039	1.034	1.032	1.031
32.	1.144	1.126	1.109	1.093	1.079	1.066	1.055	1.045	1.037	1.031	1.027	1.024	1.023
34.	1.123	1.107	1.093	1.079	1.066	1.055	1.045	1.036	1.029	1.023	1.019	1.017	1.016
36.	1.105	1.091	1.078	1.066	1.055	1.044	1.035	1.028	1.021	1.016	1.012	1.010	1.009
38.	1.089	1.077	1.066	1.055	1.045	1.035	1.027	1.020	1.014	1.010	1.006	1.004	1.004
40.	1.076	1.065	1.055	1.045	1.036	1.028	1.020	1.014	1.008	1.004	1.001	0.999	0.999
42.	1.065	1.056	1.046	1.037	1.029	1.021	1.014	1.008	1.003	0.999	0.997	0.995	0.994
44.	1.057	1.048	1.039	1.031	1.023	1.016	1.010	1.004	0.999	0.996	0.993	0.992	0.991
46.	1.051	1.043	1.034	1.027	1.019	1.012	1.006	1.001	0.997	0.993	0.991	0.989	0.989
48.	1.047	1.039	1.032	1.024	1.017	1.010	1.004	0.999	0.995	0.992	0.989	0.988	0.987
50.	1.046	1.038	1.031	1.023	1.016	1.009	1.004	0.999	0.994	0.991	0.989	0.987	0.987

ROOM HEIGHT 60.0 DETECTOR HEIGHT 18.0

X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	1.485	1.411	1.348	1.293	1.246	1.207	1.173	1.146	1.124	1.108	1.096	1.089	1.087
2.	1.488	1.415	1.352	1.298	1.251	1.212	1.178	1.151	1.130	1.113	1.101	1.095	1.092
4.	1.484	1.413	1.351	1.298	1.252	1.213	1.181	1.154	1.133	1.116	1.105	1.098	1.096
6.	1.474	1.406	1.346	1.295	1.250	1.213	1.181	1.155	1.134	1.118	1.107	1.100	1.098
8.	1.459	1.394	1.337	1.288	1.245	1.209	1.178	1.153	1.133	1.118	1.107	1.100	1.098
10.	1.438	1.378	1.324	1.278	1.237	1.203	1.174	1.150	1.130	1.115	1.105	1.099	1.097
12.	1.414	1.358	1.309	1.265	1.227	1.195	1.167	1.144	1.126	1.112	1.102	1.096	1.094
14.	1.388	1.336	1.291	1.250	1.215	1.185	1.159	1.137	1.120	1.107	1.097	1.092	1.090
16.	1.359	1.313	1.271	1.234	1.201	1.173	1.149	1.129	1.113	1.101	1.092	1.087	1.085
18.	1.329	1.288	1.250	1.216	1.186	1.161	1.138	1.120	1.105	1.093	1.085	1.080	1.079
20.	1.300	1.262	1.228	1.198	1.171	1.147	1.127	1.110	1.096	1.086	1.078	1.073	1.072
22.	1.270	1.237	1.207	1.179	1.155	1.134	1.115	1.100	1.087	1.077	1.070	1.066	1.065
24.	1.241	1.212	1.185	1.161	1.139	1.120	1.103	1.089	1.077	1.068	1.062	1.058	1.057
26.	1.214	1.189	1.165	1.143	1.123	1.106	1.091	1.078	1.068	1.060	1.054	1.050	1.049
28.	1.189	1.166	1.145	1.126	1.108	1.093	1.079	1.068	1.058	1.051	1.046	1.042	1.041
30.	1.165	1.145	1.127	1.110	1.094	1.080	1.068	1.057	1.049	1.042	1.037	1.035	1.034
32.	1.143	1.126	1.110	1.094	1.081	1.068	1.057	1.048	1.040	1.034	1.030	1.027	1.026
34.	1.123	1.108	1.094	1.081	1.068	1.057	1.047	1.039	1.032	1.026	1.022	1.020	1.019
36.	1.106	1.093	1.080	1.068	1.057	1.047	1.038	1.031	1.024	1.019	1.016	1.014	1.013
38.	1.091	1.079	1.068	1.057	1.047	1.038	1.030	1.023	1.018	1.013	1.010	1.008	1.007
40.	1.078	1.068	1.057	1.048	1.039	1.031	1.023	1.017	1.012	1.008	1.005	1.003	1.002
42.	1.068	1.058	1.049	1.040	1.032	1.024	1.018	1.012	1.007	1.003	1.000	0.998	0.998
44.	1.060	1.051	1.042	1.034	1.026	1.019	1.013	1.008	1.003	0.999	0.997	0.995	0.995
46.	1.054	1.046	1.037	1.030	1.022	1.016	1.010	1.005	1.000	0.997	0.994	0.993	0.992
48.	1.050	1.042	1.035	1.027	1.020	1.014	1.008	1.003	0.998	0.995	0.993	0.991	0.991
50.	1.049	1.041	1.034	1.026	1.019	1.013	1.007	1.002	0.998	0.995	0.992	0.991	0.990

ROOM HEIGHT 60.0 DETECTOR HEIGHT 20.0

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	2.644	2.631	2.581	2.501	2.399	2.282	2.160	2.037	1.919	1.808	1.706	1.613	1.530
2.	2.631	2.618	2.570	2.491	2.391	2.276	2.155	2.034	1.918	1.808	1.707	1.615	1.533
4.	2.581	2.570	2.524	2.450	2.355	2.246	2.130	2.014	1.902	1.796	1.698	1.609	1.528
6.	2.501	2.491	2.450	2.383	2.295	2.194	2.087	1.979	1.873	1.773	1.680	1.594	1.517
8.	2.399	2.391	2.355	2.295	2.217	2.126	2.029	1.930	1.833	1.740	1.653	1.573	1.500
10.	2.282	2.276	2.246	2.194	2.126	2.047	1.961	1.872	1.784	1.700	1.620	1.546	1.478
12.	2.160	2.155	2.130	2.087	2.029	1.961	1.886	1.808	1.730	1.654	1.582	1.514	1.452
14.	2.037	2.034	2.014	1.979	1.930	1.872	1.808	1.740	1.672	1.604	1.540	1.479	1.423
16.	1.919	1.918	1.902	1.873	1.833	1.784	1.730	1.672	1.612	1.554	1.497	1.442	1.392
18.	1.808	1.808	1.796	1.773	1.740	1.700	1.654	1.604	1.554	1.503	1.453	1.405	1.360
20.	1.706	1.707	1.698	1.680	1.653	1.620	1.582	1.540	1.497	1.453	1.409	1.367	1.327
22.	1.613	1.615	1.609	1.594	1.573	1.546	1.514	1.479	1.442	1.405	1.367	1.331	1.296
24.	1.530	1.533	1.528	1.517	1.500	1.478	1.452	1.423	1.392	1.360	1.327	1.296	1.265
26.	1.455	1.459	1.456	1.448	1.434	1.417	1.395	1.371	1.345	1.318	1.290	1.262	1.236
28.	1.390	1.394	1.392	1.386	1.376	1.361	1.344	1.324	1.302	1.279	1.255	1.231	1.208
30.	1.332	1.336	1.336	1.332	1.324	1.312	1.298	1.281	1.263	1.243	1.223	1.203	1.183
32.	1.282	1.286	1.287	1.284	1.278	1.269	1.257	1.244	1.228	1.212	1.194	1.177	1.159
34.	1.238	1.243	1.245	1.243	1.239	1.231	1.222	1.211	1.198	1.184	1.169	1.154	1.138
36.	1.201	1.206	1.208	1.208	1.204	1.199	1.191	1.182	1.171	1.159	1.146	1.133	1.120
38.	1.170	1.175	1.178	1.178	1.176	1.171	1.165	1.157	1.148	1.138	1.127	1.115	1.104
40.	1.144	1.149	1.152	1.153	1.152	1.148	1.143	1.137	1.129	1.120	1.111	1.100	1.090
42.	1.123	1.129	1.132	1.133	1.132	1.130	1.126	1.120	1.114	1.106	1.097	1.088	1.079
44.	1.107	1.113	1.116	1.118	1.118	1.116	1.112	1.108	1.102	1.095	1.087	1.079	1.070
46.	1.096	1.102	1.105	1.107	1.107	1.106	1.103	1.099	1.093	1.087	1.080	1.072	1.064
48.	1.090	1.095	1.099	1.101	1.101	1.100	1.097	1.093	1.088	1.082	1.075	1.068	1.060
50.	1.087	1.093	1.097	1.099	1.099	1.098	1.095	1.091	1.086	1.080	1.074	1.067	1.059

ROOM HEIGHT 60.0 DETECTOR HEIGHT 22.0

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	2.374	2.367	2.333	2.276	2.202	2.115	2.021	1.924	1.829	1.737	1.650	1.570	1.497
2.	2.367	2.360	2.326	2.271	2.197	2.111	2.019	1.923	1.829	1.738	1.652	1.573	1.500
4.	2.333	2.326	2.295	2.242	2.172	2.089	2.000	1.908	1.817	1.729	1.645	1.568	1.497
6.	2.276	2.271	2.242	2.193	2.127	2.051	1.967	1.880	1.794	1.710	1.630	1.556	1.488
8.	2.202	2.197	2.172	2.127	2.068	1.998	1.921	1.841	1.761	1.682	1.608	1.538	1.473
10.	2.115	2.111	2.089	2.051	1.998	1.936	1.866	1.794	1.720	1.648	1.579	1.514	1.453
12.	2.021	2.019	2.000	1.967	1.921	1.866	1.805	1.740	1.674	1.609	1.546	1.486	1.430
14.	1.924	1.923	1.908	1.880	1.841	1.794	1.740	1.683	1.625	1.566	1.509	1.455	1.404
16.	1.829	1.829	1.817	1.794	1.761	1.720	1.674	1.625	1.573	1.521	1.471	1.422	1.375
18.	1.737	1.738	1.729	1.710	1.682	1.648	1.609	1.566	1.521	1.476	1.431	1.388	1.346
20.	1.650	1.652	1.645	1.630	1.608	1.579	1.546	1.509	1.471	1.431	1.392	1.353	1.316
22.	1.570	1.573	1.568	1.556	1.538	1.514	1.486	1.455	1.422	1.388	1.353	1.319	1.287
24.	1.497	1.500	1.497	1.488	1.473	1.453	1.430	1.404	1.375	1.346	1.316	1.287	1.258
26.	1.431	1.434	1.433	1.425	1.414	1.398	1.378	1.356	1.332	1.307	1.281	1.256	1.230
28.	1.371	1.375	1.375	1.369	1.360	1.347	1.331	1.313	1.292	1.271	1.249	1.226	1.204
30.	1.318	1.323	1.323	1.319	1.312	1.302	1.289	1.273	1.256	1.238	1.219	1.199	1.180
32.	1.272	1.276	1.278	1.275	1.270	1.261	1.251	1.238	1.223	1.208	1.191	1.174	1.158
34.	1.231	1.236	1.238	1.237	1.233	1.226	1.217	1.206	1.194	1.181	1.167	1.152	1.138
36.	1.196	1.201	1.204	1.203	1.200	1.195	1.188	1.179	1.169	1.157	1.145	1.133	1.120
38.	1.167	1.172	1.175	1.175	1.173	1.169	1.163	1.156	1.147	1.137	1.127	1.115	1.104
40.	1.142	1.147	1.150	1.151	1.150	1.147	1.142	1.136	1.129	1.120	1.111	1.101	1.091
42.	1.122	1.128	1.131	1.132	1.132	1.129	1.126	1.120	1.114	1.106	1.098	1.089	1.080
44.	1.107	1.112	1.116	1.118	1.118	1.116	1.113	1.108	1.102	1.095	1.088	1.080	1.072
46.	1.096	1.102	1.106	1.107	1.108	1.106	1.103	1.099	1.094	1.088	1.081	1.073	1.066
48.	1.090	1.095	1.099	1.101	1.102	1.100	1.098	1.094	1.089	1.083	1.077	1.069	1.062
50.	1.088	1.093	1.097	1.099	1.100	1.099	1.096	1.092	1.087	1.082	1.075	1.068	1.061

ROOM HEIGHT 60.0 DETECTOR HEIGHT 20.0

X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	1.455	1.390	1.332	1.282	1.238	1.201	1.170	1.144	1.123	1.107	1.096	1.090	1.087
2.	1.459	1.394	1.336	1.286	1.243	1.206	1.175	1.149	1.129	1.113	1.102	1.095	1.093
4.	1.456	1.392	1.336	1.287	1.245	1.208	1.178	1.152	1.132	1.116	1.105	1.099	1.097
6.	1.448	1.386	1.332	1.284	1.243	1.208	1.178	1.153	1.133	1.118	1.107	1.101	1.099
8.	1.436	1.376	1.326	1.278	1.239	1.204	1.176	1.152	1.132	1.118	1.107	1.101	1.099
10.	1.417	1.361	1.312	1.269	1.231	1.199	1.171	1.148	1.130	1.116	1.106	1.100	1.098
12.	1.395	1.344	1.298	1.257	1.222	1.191	1.165	1.143	1.126	1.112	1.103	1.097	1.095
14.	1.371	1.324	1.281	1.244	1.211	1.182	1.157	1.137	1.120	1.108	1.099	1.093	1.091
16.	1.345	1.302	1.263	1.228	1.198	1.171	1.148	1.129	1.114	1.102	1.093	1.088	1.086
18.	1.318	1.279	1.243	1.212	1.184	1.159	1.138	1.120	1.106	1.095	1.087	1.082	1.080
20.	1.290	1.255	1.223	1.194	1.169	1.146	1.127	1.111	1.097	1.087	1.080	1.075	1.074
22.	1.262	1.231	1.203	1.177	1.154	1.133	1.115	1.100	1.088	1.079	1.072	1.068	1.067
24.	1.236	1.208	1.183	1.159	1.138	1.120	1.104	1.090	1.079	1.070	1.064	1.060	1.059
26.	1.210	1.186	1.163	1.142	1.123	1.107	1.092	1.080	1.070	1.062	1.056	1.053	1.051
28.	1.186	1.164	1.144	1.126	1.109	1.094	1.081	1.069	1.060	1.053	1.048	1.045	1.044
30.	1.163	1.144	1.126	1.110	1.095	1.081	1.070	1.059	1.051	1.045	1.040	1.037	1.036
32.	1.142	1.126	1.110	1.095	1.082	1.070	1.059	1.050	1.042	1.037	1.032	1.030	1.029
34.	1.123	1.109	1.095	1.082	1.070	1.059	1.049	1.041	1.034	1.029	1.025	1.023	1.022
36.	1.107	1.094	1.081	1.070	1.059	1.049	1.041	1.033	1.027	1.022	1.018	1.016	1.016
38.	1.092	1.081	1.070	1.059	1.049	1.041	1.033	1.026	1.020	1.016	1.013	1.011	1.010
40.	1.080	1.069	1.059	1.050	1.041	1.033	1.026	1.020	1.014	1.010	1.007	1.006	1.005
42.	1.070	1.060	1.051	1.042	1.034	1.027	1.020	1.014	1.010	1.006	1.003	1.001	1.001
44.	1.062	1.053	1.045	1.037	1.029	1.022	1.016	1.010	1.006	1.002	1.000	0.998	0.998
46.	1.056	1.048	1.040	1.032	1.025	1.018	1.013	1.007	1.003	1.000	0.997	0.996	0.995
48.	1.053	1.045	1.037	1.030	1.023	1.016	1.011	1.006	1.001	0.998	0.996	0.994	0.994
50.	1.051	1.044	1.036	1.029	1.022	1.016	1.010	1.005	1.001	0.998	0.995	0.994	0.993

ROOM HEIGHT 60.0 DETECTOR HEIGHT 22.0

X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	1.431	1.371	1.318	1.272	1.231	1.196	1.167	1.142	1.122	1.107	1.096	1.090	1.088
2.	1.434	1.375	1.323	1.276	1.236	1.201	1.172	1.147	1.128	1.112	1.102	1.095	1.093
4.	1.433	1.375	1.323	1.278	1.238	1.204	1.175	1.150	1.131	1.116	1.106	1.099	1.097
6.	1.425	1.369	1.319	1.275	1.237	1.203	1.175	1.151	1.132	1.118	1.107	1.101	1.099
8.	1.414	1.360	1.312	1.270	1.233	1.200	1.173	1.150	1.132	1.118	1.108	1.102	1.100
10.	1.398	1.347	1.302	1.261	1.226	1.195	1.169	1.147	1.129	1.116	1.106	1.100	1.099
12.	1.378	1.331	1.289	1.251	1.217	1.188	1.163	1.142	1.126	1.113	1.103	1.098	1.096
14.	1.356	1.313	1.273	1.238	1.206	1.179	1.156	1.136	1.120	1.108	1.099	1.094	1.092
16.	1.332	1.292	1.256	1.223	1.194	1.169	1.147	1.129	1.114	1.102	1.094	1.089	1.087
18.	1.307	1.271	1.238	1.208	1.181	1.157	1.137	1.120	1.106	1.095	1.088	1.083	1.082
20.	1.281	1.249	1.219	1.191	1.167	1.145	1.127	1.111	1.098	1.088	1.081	1.077	1.075
22.	1.256	1.226	1.199	1.174	1.152	1.133	1.115	1.101	1.089	1.080	1.073	1.069	1.068
24.	1.230	1.204	1.180	1.158	1.138	1.120	1.104	1.091	1.080	1.072	1.066	1.062	1.061
26.	1.206	1.183	1.161	1.141	1.123	1.107	1.093	1.081	1.071	1.063	1.058	1.056	1.053
28.	1.183	1.162	1.143	1.125	1.109	1.094	1.082	1.071	1.062	1.055	1.050	1.047	1.046
30.	1.161	1.143	1.126	1.110	1.095	1.082	1.071	1.061	1.053	1.046	1.042	1.039	1.038
32.	1.141	1.125	1.110	1.096	1.083	1.071	1.061	1.052	1.044	1.038	1.034	1.032	1.031
34.	1.123	1.109	1.095	1.083	1.071	1.060	1.051	1.043	1.036	1.031	1.027	1.025	1.024
36.	1.107	1.094	1.082	1.071	1.060	1.051	1.042	1.035	1.029	1.024	1.021	1.019	1.018
38.	1.093	1.082	1.071	1.061	1.051	1.042	1.035	1.028	1.022	1.018	1.015	1.013	1.012
40.	1.081	1.071	1.061	1.052	1.043	1.035	1.028	1.022	1.017	1.013	1.010	1.008	1.007
42.	1.071	1.062	1.053	1.044	1.036	1.029	1.022	1.017	1.012	1.008	1.005	1.004	1.003
44.	1.063	1.055	1.046	1.038	1.031	1.024	1.018	1.013	1.008	1.005	1.002	1.001	1.000
46.	1.058	1.050	1.042	1.034	1.027	1.021	1.015	1.010	1.005	1.002	1.000	0.998	0.998
48.	1.054	1.047	1.039	1.032	1.025	1.019	1.013	1.008	1.004	1.001	0.998	0.997	0.996
50.	1.053	1.046	1.038	1.031	1.024	1.018	1.012	1.007	1.003	1.000	0.998	0.996	0.996

ROOM HEIGHT 60.0 DETECTOR HEIGHT 24.0

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	2.190	2.186	2.161	2.119	2.062	1.994	1.919	1.840	1.760	1.682	1.607	1.537	1.471
2.	2.186	2.182	2.158	2.116	2.060	1.993	1.918	1.840	1.762	1.684	1.610	1.540	1.475
4.	2.161	2.158	2.135	2.095	2.041	1.976	1.904	1.829	1.752	1.677	1.604	1.536	1.472
6.	2.119	2.116	2.095	2.058	2.007	1.946	1.878	1.806	1.733	1.661	1.592	1.526	1.464
8.	2.062	2.060	2.041	2.007	1.960	1.904	1.841	1.774	1.706	1.638	1.572	1.510	1.451
10.	1.994	1.993	1.976	1.946	1.904	1.853	1.795	1.734	1.671	1.608	1.547	1.489	1.433
12.	1.919	1.918	1.904	1.878	1.841	1.795	1.744	1.689	1.631	1.574	1.518	1.463	1.412
14.	1.840	1.840	1.829	1.806	1.774	1.734	1.689	1.639	1.588	1.536	1.485	1.435	1.388
16.	1.760	1.762	1.752	1.733	1.706	1.671	1.631	1.588	1.542	1.496	1.450	1.405	1.362
18.	1.682	1.684	1.677	1.661	1.638	1.608	1.574	1.536	1.496	1.455	1.414	1.374	1.335
20.	1.607	1.610	1.604	1.592	1.572	1.547	1.518	1.485	1.450	1.414	1.377	1.342	1.307
22.	1.537	1.540	1.536	1.526	1.510	1.489	1.463	1.435	1.405	1.374	1.342	1.310	1.279
24.	1.471	1.475	1.472	1.464	1.451	1.433	1.412	1.388	1.362	1.335	1.307	1.279	1.252
26.	1.411	1.415	1.414	1.407	1.397	1.382	1.365	1.344	1.322	1.298	1.274	1.250	1.226
28.	1.356	1.361	1.360	1.356	1.347	1.336	1.321	1.304	1.285	1.264	1.243	1.222	1.201
30.	1.307	1.312	1.312	1.309	1.303	1.293	1.281	1.266	1.250	1.233	1.215	1.196	1.178
32.	1.264	1.268	1.270	1.268	1.263	1.255	1.245	1.233	1.219	1.204	1.188	1.172	1.156
34.	1.225	1.230	1.232	1.231	1.228	1.221	1.213	1.203	1.191	1.179	1.165	1.151	1.137
36.	1.192	1.197	1.200	1.200	1.197	1.192	1.185	1.177	1.167	1.156	1.144	1.132	1.119
38.	1.164	1.169	1.172	1.172	1.171	1.167	1.161	1.154	1.146	1.136	1.126	1.115	1.104
40.	1.140	1.146	1.149	1.150	1.149	1.146	1.141	1.135	1.128	1.120	1.111	1.101	1.091
42.	1.121	1.127	1.130	1.131	1.131	1.129	1.125	1.120	1.114	1.106	1.098	1.090	1.081
44.	1.106	1.112	1.116	1.117	1.117	1.116	1.113	1.108	1.103	1.096	1.089	1.081	1.073
46.	1.096	1.102	1.105	1.107	1.108	1.106	1.104	1.100	1.095	1.088	1.082	1.074	1.067
48.	1.090	1.096	1.099	1.101	1.102	1.101	1.098	1.095	1.090	1.084	1.078	1.071	1.063
50.	1.088	1.093	1.097	1.099	1.100	1.099	1.097	1.093	1.088	1.083	1.076	1.069	1.062

ROOM HEIGHT 60.0 DETECTOR HEIGHT 26.0

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	2.070	2.068	2.049	2.015	1.969	1.913	1.850	1.782	1.713	1.644	1.577	1.513	1.452
2.	2.068	2.066	2.047	2.014	1.968	1.913	1.850	1.783	1.715	1.646	1.580	1.516	1.456
4.	2.049	2.047	2.030	1.998	1.953	1.900	1.839	1.774	1.707	1.640	1.575	1.513	1.454
6.	2.015	2.014	1.998	1.967	1.926	1.875	1.817	1.755	1.691	1.627	1.564	1.504	1.447
8.	1.969	1.968	1.953	1.926	1.887	1.839	1.785	1.727	1.667	1.606	1.547	1.489	1.435
10.	1.913	1.913	1.900	1.875	1.839	1.796	1.746	1.692	1.636	1.580	1.524	1.470	1.419
12.	1.850	1.850	1.839	1.817	1.785	1.746	1.701	1.652	1.601	1.549	1.497	1.447	1.399
14.	1.782	1.783	1.774	1.755	1.727	1.692	1.652	1.608	1.561	1.514	1.467	1.421	1.377
16.	1.713	1.715	1.707	1.691	1.667	1.636	1.601	1.561	1.520	1.477	1.435	1.393	1.353
18.	1.644	1.646	1.640	1.627	1.606	1.580	1.549	1.514	1.477	1.439	1.401	1.363	1.327
20.	1.577	1.580	1.575	1.564	1.547	1.524	1.497	1.467	1.435	1.401	1.367	1.333	1.300
22.	1.513	1.516	1.513	1.504	1.489	1.470	1.447	1.421	1.393	1.363	1.333	1.303	1.274
24.	1.452	1.456	1.454	1.447	1.435	1.419	1.399	1.377	1.353	1.327	1.300	1.274	1.248
26.	1.396	1.401	1.400	1.394	1.385	1.371	1.355	1.336	1.314	1.292	1.269	1.246	1.222
28.	1.345	1.350	1.350	1.346	1.338	1.327	1.313	1.297	1.279	1.259	1.239	1.219	1.198
30.	1.299	1.304	1.304	1.302	1.296	1.287	1.275	1.261	1.246	1.229	1.212	1.194	1.176
32.	1.257	1.262	1.264	1.262	1.258	1.250	1.241	1.229	1.216	1.202	1.186	1.171	1.155
34.	1.221	1.226	1.228	1.227	1.224	1.218	1.210	1.200	1.189	1.177	1.164	1.150	1.136
36.	1.189	1.194	1.197	1.197	1.194	1.190	1.183	1.175	1.165	1.155	1.143	1.131	1.119
38.	1.162	1.167	1.170	1.170	1.169	1.165	1.160	1.153	1.145	1.136	1.126	1.115	1.104
40.	1.139	1.144	1.147	1.149	1.148	1.145	1.141	1.135	1.128	1.120	1.111	1.101	1.092
42.	1.120	1.126	1.129	1.131	1.130	1.128	1.125	1.120	1.114	1.106	1.099	1.090	1.081
44.	1.106	1.112	1.115	1.117	1.117	1.116	1.113	1.108	1.103	1.096	1.089	1.081	1.073
46.	1.096	1.102	1.105	1.107	1.108	1.106	1.104	1.100	1.095	1.089	1.082	1.075	1.067
48.	1.090	1.095	1.099	1.102	1.102	1.101	1.099	1.095	1.090	1.085	1.078	1.071	1.064
50.	1.088	1.093	1.097	1.100	1.100	1.099	1.097	1.093	1.089	1.083	1.077	1.070	1.063

ROOM HEIGHT		60.0	DETECTOR HEIGHT			24.C					
X/Y 26.	28.	30.	32.	34.	36.	38.	4C.	42.	44.	46.	48.	5O.
0. 1.411	1.356	1.307	1.264	1.225	1.192	1.164	1.140	1.121	1.106	1.096	1.090	1.088
2. 1.415	1.361	1.312	1.268	1.230	1.197	1.169	1.146	1.127	1.112	1.102	1.096	1.093
4. 1.416	1.360	1.312	1.270	1.232	1.2CO	1.172	1.149	1.130	1.116	1.105	1.099	1.097
6. 1.4C7	1.356	1.309	1.268	1.231	1.2CC	1.172	1.15C	1.131	1.117	1.107	1.101	1.099
8. 1.397	1.347	1.303	1.263	1.228	1.197	1.171	1.149	1.131	1.117	1.108	1.102	1.100
10. 1.382	1.336	1.293	1.255	1.221	1.192	1.167	1.146	1.129	1.116	1.106	1.101	1.099
12. 1.365	1.321	1.281	1.245	1.213	1.185	1.161	1.141	1.125	1.113	1.104	1.098	1.097
14. 1.344	1.304	1.266	1.233	1.203	1.177	1.154	1.135	1.120	1.108	1.100	1.095	1.093
16. 1.322	1.285	1.250	1.219	1.191	1.167	1.146	1.128	1.114	1.103	1.095	1.090	1.088
18. 1.298	1.264	1.233	1.204	1.179	1.156	1.136	1.120	1.1C6	1.096	1.088	1.084	1.083
20. 1.274	1.243	1.215	1.188	1.165	1.144	1.126	1.111	1.098	1.089	1.082	1.078	1.076
22. 1.250	1.222	1.196	1.172	1.151	1.132	1.115	1.101	1.090	1.081	1.074	1.071	1.069
24. 1.226	1.201	1.178	1.156	1.137	1.119	1.1C4	1.091	1.081	1.073	1.067	1.063	1.062
26. 1.2C2	1.180	1.159	1.140	1.123	1.1C7	1.093	1.081	1.072	1.064	1.059	1.056	1.055
28. 1.180	1.161	1.142	1.125	1.109	1.095	1.082	1.072	1.063	1.056	1.051	1.048	1.047
30. 1.159	1.142	1.125	1.110	1.096	1.083	1.072	1.062	1.054	1.048	1.043	1.041	1.040
32. 1.140	1.125	1.110	1.096	1.083	1.072	1.062	1.053	1.046	1.040	1.036	1.033	1.033
34. 1.123	1.109	1.096	1.083	1.072	1.061	1.052	1.044	1.038	1.033	1.029	1.027	1.026
36. 1.1C7	1.095	1.083	1.072	1.061	1.052	1.044	1.C36	1.030	1.026	1.022	1.020	1.020
38. 1.093	1.082	1.072	1.062	1.052	1.044	1.C36	1.C29	1.024	1.020	1.017	1.015	1.014
40. 1.081	1.072	1.062	1.053	1.044	1.036	1.029	1.C23	1.018	1.014	1.011	1.010	1.009
42. 1.072	1.063	1.054	1.046	1.038	1.030	1.024	1.018	1.014	1.010	1.007	1.006	1.005
44. 1.064	1.056	1.048	1.040	1.033	1.026	1.020	1.014	1.010	1.006	1.004	1.002	1.002
46. 1.059	1.051	1.043	1.036	1.029	1.022	1.017	1.011	1.007	1.004	1.001	1.000	1.000
48. 1.056	1.048	1.041	1.033	1.027	1.020	1.015	1.010	1.006	1.002	1.000	0.999	0.998
50. 1.055	1.047	1.040	1.033	1.026	1.020	1.014	1.CC9	1.005	1.002	1.000	0.998	0.998

ROOM HEIGHT		60.0	DETECTOR HEIGHT			26.C					
X/Y 26.	28.	30.	32.	34.	36.	38.	4C.	42.	44.	46.	48.	5O.
0. 1.396	1.345	1.299	1.257	1.221	1.189	1.162	1.139	1.120	1.106	1.096	1.090	1.088
2. 1.401	1.350	1.304	1.262	1.226	1.194	1.167	1.144	1.126	1.112	1.102	1.095	1.093
4. 1.4CO	1.350	1.304	1.264	1.228	1.197	1.17C	1.147	1.129	1.115	1.105	1.099	1.097
6. 1.394	1.346	1.302	1.262	1.227	1.197	1.17C	1.149	1.131	1.117	1.107	1.102	1.100
8. 1.385	1.338	1.296	1.258	1.224	1.194	1.169	1.148	1.130	1.117	1.108	1.102	1.100
10. 1.371	1.327	1.287	1.250	1.218	1.19C	1.165	1.145	1.128	1.116	1.106	1.101	1.099
12. 1.355	1.313	1.275	1.241	1.210	1.183	1.160	1.141	1.125	1.113	1.104	1.099	1.097
14. 1.336	1.297	1.261	1.229	1.200	1.175	1.153	1.135	1.120	1.108	1.100	1.095	1.093
16. 1.314	1.279	1.246	1.216	1.189	1.165	1.145	1.128	1.114	1.103	1.095	1.090	1.089
18. 1.292	1.259	1.229	1.202	1.177	1.155	1.136	1.120	1.1C6	1.096	1.089	1.085	1.083
20. 1.269	1.239	1.212	1.186	1.164	1.143	1.126	1.111	1.099	1.089	1.082	1.078	1.077
22. 1.246	1.219	1.194	1.171	1.150	1.131	1.115	1.1C1	1.090	1.081	1.075	1.071	1.070
24. 1.222	1.198	1.176	1.155	1.136	1.119	1.1C4	1.092	1.081	1.073	1.067	1.064	1.063
26. 1.2CO	1.178	1.158	1.139	1.122	1.1C7	1.093	1.082	1.072	1.065	1.060	1.056	1.055
28. 1.176	1.159	1.141	1.124	1.109	1.095	1.083	1.072	1.063	1.057	1.052	1.049	1.048
3C. 1.158	1.141	1.125	1.110	1.096	1.083	1.072	1.063	1.055	1.049	1.044	1.042	1.041
32. 1.139	1.124	1.110	1.096	1.084	1.072	1.062	1.054	1.046	1.041	1.037	1.034	1.034
34. 1.122	1.109	1.096	1.084	1.072	1.062	1.053	1.045	1.039	1.034	1.030	1.028	1.027
36. 1.107	1.095	1.083	1.072	1.062	1.053	1.045	1.037	1.032	1.027	1.024	1.021	1.021
38. 1.093	1.083	1.072	1.062	1.053	1.045	1.037	1.031	1.025	1.021	1.018	1.016	1.015
4C. 1.082	1.072	1.063	1.054	1.045	1.037	1.031	1.025	1.020	1.016	1.013	1.011	1.010
42. 1.072	1.063	1.055	1.046	1.039	1.032	1.025	1.020	1.015	1.011	1.009	1.007	1.006
44. 1.065	1.057	1.049	1.041	1.034	1.027	1.021	1.016	1.011	1.008	1.005	1.004	1.003
46. 1.060	1.052	1.044	1.037	1.030	1.024	1.018	1.013	1.009	1.005	1.003	1.001	1.001
48. 1.056	1.049	1.042	1.034	1.028	1.021	1.016	1.011	1.007	1.004	1.001	1.000	0.999
5C. 1.055	1.048	1.041	1.034	1.027	1.021	1.015	1.C1C	1.006	1.003	1.001	0.999	0.999

ROOM HEIGHT 60.0 DETECTOR HEIGHT 28.0

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
C.	2.0C2	2.001	1.985	1.956	1.916	1.866	1.8C9	1.748	1.685	1.621	1.559	1.498	1.441
2.	2.0C1	2.000	1.984	1.956	1.916	1.866	1.81C	1.750	1.687	1.624	1.562	1.502	1.445
4.	1.985	1.984	1.970	1.942	1.903	1.855	1.8C1	1.742	1.680	1.619	1.558	1.499	1.443
6.	1.956	1.956	1.942	1.916	1.879	1.833	1.781	1.725	1.666	1.606	1.548	1.491	1.437
8.	1.916	1.916	1.903	1.879	1.844	1.8C2	1.753	1.699	1.644	1.587	1.531	1.477	1.426
1C.	1.866	1.866	1.855	1.833	1.802	1.762	1.717	1.668	1.616	1.563	1.510	1.459	1.410
12.	1.8C9	1.810	1.801	1.781	1.753	1.717	1.676	1.630	1.582	1.534	1.485	1.437	1.392
14.	1.748	1.750	1.742	1.725	1.699	1.668	1.630	1.589	1.546	1.501	1.456	1.412	1.370
16.	1.685	1.687	1.680	1.666	1.644	1.616	1.582	1.546	1.5C7	1.466	1.425	1.385	1.347
18.	1.621	1.624	1.619	1.606	1.587	1.563	1.534	1.5C1	1.466	1.430	1.393	1.357	1.322
2C.	1.559	1.562	1.558	1.548	1.531	1.51C	1.485	1.456	1.425	1.393	1.361	1.328	1.296
22.	1.498	1.502	1.499	1.491	1.477	1.459	1.437	1.412	1.385	1.357	1.328	1.299	1.270
24.	1.441	1.445	1.443	1.437	1.426	1.41C	1.392	1.370	1.347	1.322	1.296	1.270	1.245
26.	1.388	1.392	1.391	1.386	1.377	1.364	1.349	1.330	1.310	1.288	1.266	1.243	1.220
28.	1.339	1.343	1.343	1.340	1.332	1.322	1.3C8	1.293	1.275	1.256	1.237	1.217	1.197
3C.	1.294	1.299	1.300	1.297	1.291	1.283	1.272	1.258	1.243	1.227	1.210	1.192	1.175
32.	1.254	1.259	1.260	1.259	1.254	1.247	1.238	1.227	1.214	1.200	1.185	1.170	1.154
34.	1.218	1.223	1.225	1.225	1.222	1.216	1.2C8	1.199	1.188	1.176	1.163	1.149	1.136
36.	1.187	1.192	1.195	1.195	1.193	1.188	1.182	1.174	1.165	1.154	1.143	1.131	1.119
38.	1.160	1.166	1.169	1.169	1.168	1.164	1.159	1.152	1.144	1.135	1.125	1.115	1.104
4C.	1.138	1.143	1.147	1.148	1.147	1.144	1.14C	1.134	1.127	1.119	1.111	1.101	1.092
42.	1.120	1.125	1.129	1.130	1.130	1.128	1.125	1.120	1.114	1.106	1.099	1.090	1.082
44.	1.1C6	1.111	1.115	1.117	1.117	1.115	1.112	1.108	1.1C3	1.096	1.089	1.082	1.074
46.	1.096	1.101	1.105	1.107	1.108	1.1C6	1.1C4	1.1C0	1.095	1.089	1.083	1.075	1.068
48.	1.090	1.095	1.099	1.102	1.102	1.1C1	1.099	1.095	1.090	1.085	1.079	1.072	1.064
5C.	1.088	1.093	1.097	1.100	1.100	1.099	1.097	1.094	1.089	1.083	1.077	1.070	1.063

ROOM HEIGHT 60.0 DETECTOR HEIGHT 30.C

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
C.	1.980	1.979	1.965	1.937	1.898	1.851	1.796	1.737	1.676	1.614	1.552	1.493	1.437
2.	1.979	1.979	1.964	1.937	1.899	1.851	1.797	1.739	1.678	1.616	1.556	1.497	1.441
4.	1.965	1.964	1.950	1.924	1.887	1.841	1.788	1.731	1.672	1.611	1.552	1.496	1.440
6.	1.937	1.937	1.924	1.899	1.863	1.820	1.769	1.715	1.657	1.599	1.542	1.486	1.433
8.	1.898	1.899	1.887	1.863	1.830	1.789	1.742	1.690	1.636	1.581	1.526	1.473	1.422
1C.	1.851	1.851	1.841	1.820	1.789	1.751	1.7C7	1.659	1.6C9	1.557	1.506	1.455	1.407
12.	1.796	1.797	1.788	1.769	1.742	1.7C7	1.667	1.623	1.576	1.529	1.481	1.434	1.389
14.	1.737	1.739	1.731	1.715	1.690	1.659	1.623	1.583	1.540	1.497	1.453	1.410	1.368
16.	1.676	1.678	1.672	1.657	1.636	1.6C9	1.576	1.540	1.5C2	1.462	1.422	1.383	1.345
18.	1.614	1.616	1.611	1.599	1.581	1.557	1.529	1.497	1.462	1.427	1.391	1.355	1.320
2C.	1.552	1.556	1.552	1.542	1.526	1.5C6	1.481	1.453	1.422	1.391	1.358	1.326	1.295
22.	1.493	1.497	1.496	1.486	1.473	1.455	1.434	1.410	1.383	1.355	1.326	1.298	1.269
24.	1.437	1.441	1.440	1.433	1.422	1.4C7	1.389	1.368	1.345	1.320	1.295	1.269	1.244
26.	1.385	1.389	1.389	1.384	1.375	1.362	1.347	1.328	1.3C8	1.287	1.265	1.242	1.220
28.	1.336	1.341	1.341	1.338	1.330	1.320	1.3C7	1.291	1.274	1.255	1.236	1.216	1.196
3C.	1.292	1.297	1.298	1.296	1.290	1.281	1.27C	1.257	1.242	1.226	1.209	1.192	1.174
32.	1.252	1.257	1.259	1.258	1.253	1.246	1.237	1.226	1.213	1.199	1.185	1.169	1.154
34.	1.217	1.222	1.224	1.224	1.221	1.215	1.2C8	1.198	1.187	1.175	1.162	1.149	1.135
36.	1.186	1.191	1.194	1.194	1.192	1.188	1.181	1.174	1.164	1.154	1.143	1.131	1.119
38.	1.16C	1.165	1.168	1.169	1.167	1.164	1.159	1.152	1.144	1.135	1.125	1.115	1.104
4C.	1.138	1.143	1.146	1.148	1.147	1.144	1.14C	1.134	1.127	1.119	1.111	1.101	1.092
42.	1.119	1.125	1.129	1.130	1.130	1.128	1.124	1.120	1.114	1.106	1.099	1.090	1.082
44.	1.1C6	1.111	1.115	1.117	1.117	1.115	1.112	1.1C8	1.1C3	1.096	1.089	1.082	1.074
46.	1.096	1.101	1.105	1.107	1.108	1.1C6	1.1C4	1.1C0	1.095	1.089	1.083	1.076	1.068
48.	1.090	1.095	1.099	1.102	1.102	1.1C1	1.099	1.095	1.091	1.085	1.079	1.072	1.065
5C.	1.088	1.093	1.097	1.100	1.100	1.099	1.097	1.094	1.089	1.084	1.077	1.071	1.063

ROOM HEIGHT 60.0 DETECTOR HEIGHT 28.C

X/Y	26.	28.	30.	32.	34.	36.	38.	4C.	42.	44.	46.	48.	5C.
C.	1.388	1.339	1.294	1.254	1.218	1.187	1.16C	1.138	1.12C	1.106	1.096	1.090	1.088
2.	1.392	1.343	1.299	1.259	1.223	1.192	1.166	1.143	1.125	1.111	1.101	1.095	1.093
4.	1.391	1.343	1.300	1.260	1.225	1.195	1.169	1.147	1.129	1.115	1.105	1.099	1.097
6.	1.386	1.340	1.297	1.259	1.225	1.195	1.169	1.148	1.130	1.117	1.107	1.102	1.100
8.	1.377	1.332	1.291	1.254	1.222	1.193	1.168	1.147	1.130	1.117	1.108	1.102	1.100
1C.	1.364	1.322	1.283	1.247	1.216	1.188	1.164	1.144	1.128	1.115	1.106	1.101	1.099
12.	1.349	1.308	1.272	1.238	1.208	1.182	1.159	1.140	1.125	1.112	1.104	1.099	1.097
14.	1.330	1.293	1.258	1.227	1.199	1.174	1.152	1.134	1.12C	1.108	1.100	1.095	1.094
16.	1.31C	1.275	1.243	1.214	1.188	1.165	1.144	1.127	1.114	1.103	1.095	1.090	1.089
18.	1.288	1.256	1.227	1.200	1.176	1.154	1.135	1.119	1.1C6	1.096	1.089	1.085	1.083
2C.	1.266	1.237	1.210	1.185	1.163	1.143	1.125	1.111	1.099	1.089	1.083	1.079	1.077
22.	1.243	1.217	1.192	1.170	1.149	1.131	1.115	1.1C1	1.09C	1.082	1.075	1.072	1.070
24.	1.220	1.197	1.175	1.154	1.136	1.119	1.1C4	1.C92	1.082	1.074	1.068	1.064	1.063
26.	1.198	1.177	1.157	1.139	1.122	1.1C7	1.C93	1.C82	1.073	1.065	1.060	1.057	1.056
28.	1.177	1.158	1.141	1.124	1.109	1.095	1.083	1.072	1.064	1.057	1.052	1.050	1.049
3C.	1.157	1.141	1.125	1.110	1.096	1.083	1.072	1.C63	1.055	1.049	1.045	1.042	1.041
32.	1.139	1.124	1.110	1.096	1.084	1.073	1.063	1.C54	1.047	1.041	1.037	1.035	1.034
34.	1.122	1.109	1.096	1.084	1.073	1.063	1.054	1.046	1.039	1.034	1.031	1.028	1.028
36.	1.1C7	1.095	1.083	1.073	1.063	1.053	1.045	1.038	1.032	1.028	1.024	1.022	1.022
38.	1.093	1.083	1.072	1.063	1.054	1.045	1.038	1.C31	1.026	1.022	1.018	1.017	1.016
4C.	1.082	1.072	1.063	1.054	1.046	1.038	1.031	1.C25	1.020	1.016	1.013	1.012	1.011
42.	1.073	1.064	1.055	1.047	1.039	1.032	1.026	1.C20	1.016	1.012	1.009	1.008	1.007
44.	1.065	1.057	1.049	1.041	1.034	1.028	1.022	1.C16	1.012	1.008	1.006	1.004	1.004
46.	1.060	1.052	1.045	1.037	1.031	1.024	1.018	1.C13	1.0C9	1.006	1.004	1.002	1.002
48.	1.057	1.050	1.042	1.035	1.028	1.022	1.017	1.012	1.0C8	1.004	1.002	1.001	1.000
5C.	1.056	1.049	1.041	1.034	1.028	1.022	1.016	1.C11	1.007	1.004	1.002	1.000	1.000

ROOM HEIGHT 60.0 DETECTOR HEIGHT 30.C

X/Y	26.	28.	30.	32.	34.	36.	38.	4C.	42.	44.	46.	48.	5C.
C.	1.385	1.336	1.292	1.252	1.217	1.186	1.16C	1.138	1.119	1.106	1.096	1.090	1.088
2.	1.389	1.341	1.297	1.257	1.222	1.191	1.165	1.143	1.125	1.111	1.101	1.095	1.093
4.	1.389	1.341	1.298	1.259	1.224	1.194	1.168	1.146	1.129	1.115	1.105	1.099	1.097
6.	1.384	1.338	1.296	1.258	1.224	1.194	1.169	1.148	1.130	1.117	1.107	1.102	1.100
8.	1.375	1.330	1.290	1.253	1.221	1.192	1.167	1.147	1.130	1.117	1.108	1.102	1.100
1C.	1.362	1.320	1.281	1.246	1.215	1.188	1.164	1.144	1.128	1.115	1.106	1.101	1.099
12.	1.347	1.307	1.270	1.237	1.208	1.181	1.159	1.140	1.124	1.112	1.104	1.099	1.097
14.	1.328	1.291	1.257	1.226	1.198	1.174	1.152	1.134	1.120	1.108	1.100	1.095	1.094
16.	1.3C8	1.274	1.242	1.213	1.187	1.164	1.144	1.127	1.114	1.103	1.095	1.091	1.089
18.	1.287	1.255	1.226	1.199	1.175	1.154	1.135	1.119	1.1C6	1.096	1.089	1.085	1.084
2C.	1.265	1.236	1.209	1.185	1.162	1.143	1.125	1.111	1.099	1.089	1.083	1.079	1.077
22.	1.242	1.216	1.192	1.169	1.149	1.131	1.115	1.1C1	1.090	1.082	1.076	1.072	1.071
24.	1.22C	1.196	1.174	1.154	1.135	1.119	1.1C4	1.C92	1.082	1.074	1.068	1.065	1.063
26.	1.198	1.177	1.157	1.139	1.122	1.107	1.093	1.C82	1.073	1.066	1.060	1.057	1.056
28.	1.177	1.158	1.140	1.124	1.109	1.095	1.083	1.C73	1.064	1.057	1.053	1.050	1.049
3C.	1.157	1.140	1.124	1.110	1.096	1.084	1.073	1.C63	1.055	1.049	1.045	1.042	1.041
32.	1.139	1.124	1.110	1.096	1.084	1.073	1.063	1.C54	1.047	1.042	1.038	1.035	1.034
34.	1.122	1.109	1.096	1.084	1.073	1.063	1.C54	1.046	1.039	1.034	1.031	1.029	1.028
36.	1.1C7	1.095	1.084	1.073	1.063	1.053	1.045	1.038	1.032	1.028	1.024	1.022	1.022
38.	1.093	1.083	1.073	1.063	1.054	1.045	1.038	1.C31	1.026	1.022	1.019	1.017	1.016
4C.	1.082	1.073	1.063	1.054	1.046	1.038	1.031	1.C25	1.02C	1.017	1.014	1.012	1.011
42.	1.073	1.064	1.055	1.047	1.039	1.032	1.C26	1.C2C	1.016	1.012	1.010	1.008	1.007
44.	1.066	1.057	1.049	1.042	1.034	1.028	1.022	1.C17	1.012	1.009	1.006	1.005	1.004
46.	1.060	1.053	1.045	1.038	1.031	1.024	1.019	1.C14	1.010	1.006	1.004	1.002	1.002
48.	1.057	1.050	1.042	1.035	1.029	1.022	1.C17	1.C12	1.0C8	1.005	1.002	1.001	1.000
5C.	1.056	1.049	1.041	1.034	1.028	1.022	1.016	1.C11	1.0C7	1.004	1.002	1.000	1.000

EIGHT EQUAL SOURCES

Rectangular Array,

70 Units High
100 x 100 Units in Area

ROOM HEIGHT 70.0 DETECTOR HEIGHT 0.

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	0.489	195.026	49.133	22.121	12.670	8.299	5.927	4.499	3.574	2.942	2.492	2.161	1.911
2.	195.026	97.766	39.413	19.965	11.961	8.005	5.786	4.425	3.533	2.919	2.479	2.154	1.908
4.	49.133	39.413	24.828	15.482	10.250	7.237	5.398	4.211	3.407	2.841	2.429	2.122	1.887
6.	22.121	19.965	15.482	11.331	8.310	6.256	4.863	3.900	3.217	2.720	2.349	2.067	1.849
8.	12.670	11.961	10.250	8.310	6.614	5.285	4.287	3.545	2.989	2.569	2.247	1.996	1.799
10.	8.299	8.005	7.237	6.256	5.285	4.437	3.761	3.186	2.749	2.404	2.132	1.918	1.740
12.	5.927	5.786	5.398	4.863	4.287	3.761	3.259	2.852	2.514	2.237	2.011	1.826	1.675
14.	4.499	4.425	4.211	3.900	3.545	3.186	2.852	2.554	2.296	2.077	1.892	1.737	1.607
16.	3.574	3.533	3.407	3.217	2.989	2.749	2.514	2.296	2.100	1.927	1.778	1.650	1.540
18.	2.942	2.919	2.841	2.720	2.569	2.404	2.237	2.077	1.927	1.792	1.672	1.567	1.474
20.	2.492	2.479	2.429	2.349	2.247	2.132	2.011	1.892	1.778	1.672	1.576	1.489	1.412
22.	2.161	2.154	2.122	2.067	1.996	1.914	1.826	1.737	1.650	1.567	1.489	1.419	1.355
24.	1.911	1.908	1.887	1.849	1.799	1.740	1.675	1.607	1.540	1.474	1.412	1.355	1.302
26.	1.719	1.718	1.704	1.678	1.642	1.599	1.550	1.499	1.446	1.395	1.345	1.298	1.254
28.	1.568	1.569	1.560	1.542	1.516	1.484	1.447	1.408	1.367	1.326	1.286	1.247	1.211
30.	1.449	1.451	1.446	1.433	1.414	1.390	1.362	1.332	1.299	1.267	1.234	1.203	1.173
32.	1.354	1.357	1.354	1.345	1.331	1.313	1.292	1.268	1.243	1.216	1.190	1.164	1.139
34.	1.277	1.281	1.279	1.274	1.264	1.250	1.234	1.215	1.195	1.174	1.152	1.131	1.110
36.	1.216	1.220	1.220	1.216	1.209	1.199	1.186	1.171	1.155	1.138	1.120	1.102	1.085
38.	1.166	1.171	1.172	1.169	1.164	1.157	1.147	1.135	1.122	1.108	1.093	1.078	1.064
40.	1.127	1.132	1.134	1.133	1.129	1.123	1.116	1.106	1.095	1.084	1.071	1.059	1.046
42.	1.097	1.102	1.104	1.104	1.102	1.097	1.091	1.083	1.074	1.064	1.054	1.043	1.032
44.	1.074	1.079	1.082	1.083	1.081	1.078	1.073	1.066	1.058	1.050	1.041	1.031	1.021
46.	1.059	1.064	1.067	1.068	1.067	1.064	1.060	1.054	1.047	1.040	1.031	1.022	1.013
48.	1.050	1.055	1.058	1.059	1.058	1.056	1.052	1.047	1.041	1.033	1.026	1.017	1.009
50.	1.047	1.052	1.055	1.056	1.056	1.053	1.050	1.045	1.038	1.031	1.024	1.016	1.007

ROOM HEIGHT 70.0 DETECTOR HEIGHT 2.0

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	195.032	97.772	39.418	19.971	11.966	8.011	5.792	4.431	3.539	2.924	2.484	2.159	1.913
2.	97.772	65.356	32.940	18.208	11.337	7.740	5.660	4.361	3.499	2.902	2.471	2.152	1.910
4.	39.418	32.940	22.138	14.425	9.799	7.025	5.291	4.154	3.377	2.826	2.423	2.120	1.889
6.	19.971	18.208	14.425	10.774	8.023	6.105	4.781	3.855	3.192	2.707	2.344	2.067	1.852
8.	11.966	11.337	9.799	8.023	6.441	5.184	4.228	3.511	2.971	2.560	2.244	1.997	1.802
10.	8.011	7.740	7.025	6.105	5.184	4.372	3.701	3.163	2.736	2.399	2.130	1.916	1.744
12.	5.792	5.660	5.291	4.781	4.228	3.701	3.234	2.836	2.506	2.235	2.012	1.829	1.680
14.	4.431	4.361	4.154	3.855	3.511	3.163	2.836	2.545	2.292	2.076	1.894	1.741	1.613
16.	3.539	3.499	3.377	3.192	2.971	2.736	2.506	2.292	2.099	1.929	1.782	1.655	1.546
18.	2.924	2.902	2.826	2.707	2.560	2.399	2.235	2.076	1.929	1.796	1.677	1.572	1.481
20.	2.484	2.471	2.423	2.344	2.244	2.130	2.012	1.894	1.782	1.677	1.582	1.496	1.420
22.	2.159	2.152	2.120	2.067	1.997	1.916	1.829	1.741	1.655	1.572	1.496	1.426	1.362
24.	1.913	1.910	1.889	1.852	1.802	1.744	1.680	1.613	1.546	1.481	1.420	1.362	1.310
26.	1.723	1.722	1.708	1.683	1.647	1.604	1.556	1.505	1.453	1.402	1.353	1.306	1.262
28.	1.574	1.575	1.566	1.548	1.522	1.490	1.454	1.415	1.374	1.334	1.294	1.256	1.219
30.	1.456	1.458	1.452	1.440	1.421	1.397	1.370	1.339	1.307	1.275	1.243	1.211	1.181
32.	1.361	1.364	1.361	1.352	1.339	1.321	1.300	1.276	1.251	1.225	1.199	1.173	1.148
34.	1.285	1.288	1.287	1.281	1.272	1.258	1.242	1.223	1.203	1.182	1.161	1.140	1.119
36.	1.224	1.228	1.228	1.224	1.217	1.207	1.194	1.180	1.164	1.146	1.129	1.111	1.094
38.	1.174	1.179	1.180	1.178	1.173	1.165	1.155	1.144	1.131	1.117	1.102	1.087	1.072
40.	1.136	1.140	1.142	1.141	1.138	1.132	1.124	1.115	1.104	1.092	1.080	1.068	1.055
42.	1.105	1.110	1.113	1.113	1.110	1.106	1.100	1.092	1.083	1.073	1.063	1.052	1.041
44.	1.083	1.088	1.091	1.091	1.090	1.086	1.081	1.075	1.067	1.059	1.049	1.040	1.030
46.	1.067	1.072	1.075	1.076	1.075	1.072	1.068	1.063	1.056	1.048	1.040	1.031	1.022
48.	1.058	1.063	1.066	1.068	1.067	1.065	1.061	1.056	1.049	1.042	1.034	1.026	1.017
50.	1.055	1.060	1.064	1.065	1.064	1.062	1.058	1.053	1.047	1.040	1.033	1.024	1.016

ROOM HEIGHT 70.0 DETECTOR HEIGHT 0.

X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	1.719	1.568	1.449	1.354	1.277	1.216	1.166	1.127	1.097	1.076	1.059	1.050	1.047
2.	1.718	1.569	1.451	1.357	1.281	1.220	1.171	1.132	1.102	1.079	1.064	1.055	1.052
4.	1.704	1.560	1.446	1.354	1.279	1.220	1.172	1.134	1.104	1.082	1.067	1.058	1.055
6.	1.678	1.542	1.433	1.345	1.274	1.216	1.169	1.133	1.104	1.083	1.068	1.059	1.056
8.	1.642	1.516	1.414	1.331	1.264	1.209	1.164	1.129	1.102	1.081	1.067	1.058	1.056
10.	1.599	1.484	1.390	1.313	1.250	1.199	1.157	1.123	1.097	1.078	1.064	1.056	1.053
12.	1.550	1.447	1.362	1.292	1.234	1.186	1.147	1.116	1.091	1.073	1.060	1.052	1.050
14.	1.499	1.408	1.332	1.268	1.215	1.171	1.135	1.106	1.083	1.066	1.054	1.047	1.045
16.	1.446	1.367	1.299	1.243	1.195	1.155	1.122	1.095	1.074	1.058	1.047	1.041	1.038
18.	1.395	1.326	1.267	1.216	1.174	1.138	1.108	1.084	1.064	1.050	1.040	1.033	1.031
20.	1.345	1.286	1.234	1.190	1.152	1.120	1.093	1.071	1.054	1.041	1.031	1.026	1.024
22.	1.298	1.247	1.203	1.164	1.131	1.102	1.078	1.059	1.043	1.031	1.022	1.017	1.016
24.	1.254	1.211	1.173	1.139	1.110	1.085	1.064	1.046	1.032	1.021	1.013	1.009	1.007
26.	1.214	1.177	1.145	1.116	1.090	1.068	1.049	1.033	1.021	1.011	1.004	1.000	0.999
28.	1.177	1.147	1.119	1.093	1.071	1.052	1.035	1.021	1.010	1.001	0.995	0.991	0.990
30.	1.145	1.119	1.095	1.073	1.054	1.037	1.022	1.010	1.000	0.992	0.986	0.983	0.982
32.	1.116	1.093	1.073	1.054	1.037	1.023	1.010	1.000	0.990	0.983	0.978	0.975	0.974
34.	1.090	1.071	1.054	1.037	1.023	1.010	0.998	0.989	0.981	0.975	0.970	0.968	0.967
36.	1.068	1.052	1.037	1.023	1.010	0.998	0.988	0.980	0.973	0.967	0.963	0.961	0.960
38.	1.049	1.035	1.022	1.010	0.998	0.988	0.979	0.972	0.966	0.961	0.957	0.955	0.954
40.	1.033	1.021	1.010	0.999	0.989	0.980	0.972	0.965	0.959	0.955	0.952	0.950	0.949
42.	1.021	1.010	1.000	0.990	0.981	0.973	0.966	0.959	0.954	0.950	0.947	0.945	0.945
44.	1.011	1.001	0.992	0.983	0.975	0.967	0.961	0.955	0.950	0.946	0.944	0.942	0.941
46.	1.004	0.995	0.986	0.978	0.970	0.963	0.957	0.952	0.947	0.944	0.941	0.939	0.939
48.	1.000	0.991	0.983	0.975	0.968	0.961	0.955	0.950	0.945	0.942	0.939	0.938	0.937
50.	0.999	0.990	0.982	0.974	0.967	0.960	0.954	0.949	0.945	0.941	0.939	0.937	0.937

ROOM HEIGHT 70.0 DETECTOR HEIGHT 2.0

X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	1.723	1.574	1.456	1.361	1.285	1.224	1.174	1.136	1.105	1.083	1.067	1.058	1.055
2.	1.722	1.575	1.458	1.364	1.288	1.228	1.179	1.140	1.110	1.088	1.072	1.063	1.060
4.	1.708	1.566	1.452	1.361	1.287	1.228	1.180	1.142	1.113	1.091	1.075	1.066	1.064
6.	1.683	1.548	1.440	1.352	1.281	1.224	1.178	1.141	1.113	1.091	1.076	1.068	1.065
8.	1.647	1.522	1.421	1.339	1.272	1.217	1.173	1.138	1.110	1.090	1.075	1.067	1.064
10.	1.604	1.490	1.397	1.321	1.258	1.207	1.165	1.132	1.106	1.086	1.073	1.065	1.062
12.	1.556	1.454	1.370	1.300	1.242	1.194	1.155	1.124	1.100	1.081	1.068	1.061	1.058
14.	1.505	1.415	1.339	1.276	1.223	1.180	1.144	1.115	1.092	1.075	1.063	1.056	1.053
16.	1.453	1.374	1.307	1.251	1.203	1.164	1.131	1.104	1.083	1.067	1.056	1.049	1.047
18.	1.402	1.334	1.275	1.225	1.182	1.146	1.117	1.092	1.073	1.059	1.048	1.042	1.040
20.	1.353	1.294	1.243	1.199	1.161	1.129	1.102	1.080	1.063	1.049	1.040	1.034	1.033
22.	1.306	1.256	1.211	1.173	1.140	1.111	1.087	1.068	1.052	1.040	1.031	1.026	1.024
24.	1.262	1.219	1.181	1.148	1.119	1.094	1.072	1.055	1.041	1.030	1.022	1.017	1.016
26.	1.222	1.186	1.153	1.124	1.099	1.077	1.058	1.042	1.030	1.020	1.013	1.009	1.007
28.	1.186	1.155	1.127	1.102	1.080	1.061	1.044	1.030	1.019	1.010	1.004	1.000	0.999
30.	1.153	1.127	1.103	1.082	1.062	1.045	1.031	1.018	1.008	1.001	0.995	0.992	0.991
32.	1.124	1.102	1.082	1.063	1.046	1.031	1.018	1.008	0.999	0.992	0.987	0.984	0.983
34.	1.099	1.080	1.062	1.046	1.031	1.018	1.007	0.998	0.990	0.983	0.979	0.976	0.976
36.	1.077	1.061	1.045	1.031	1.018	1.007	0.997	0.988	0.981	0.976	0.972	0.970	0.969
38.	1.058	1.044	1.031	1.018	1.007	0.997	0.988	0.980	0.974	0.969	0.966	0.964	0.963
40.	1.042	1.030	1.018	1.008	0.998	0.988	0.980	0.974	0.968	0.963	0.960	0.958	0.958
42.	1.030	1.019	1.008	0.999	0.990	0.981	0.974	0.968	0.963	0.959	0.956	0.954	0.953
44.	1.020	1.010	1.001	0.992	0.983	0.976	0.969	0.963	0.959	0.955	0.952	0.950	0.950
46.	1.013	1.004	0.995	0.987	0.979	0.972	0.966	0.960	0.956	0.952	0.950	0.948	0.947
48.	1.009	1.000	0.992	0.984	0.976	0.970	0.964	0.958	0.954	0.950	0.948	0.946	0.946
50.	1.007	0.999	0.991	0.983	0.976	0.969	0.963	0.958	0.953	0.950	0.947	0.946	0.945

ROOM HEIGHT 70.0 DETECTOR HEIGHT 6.0

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	49.146	39.425	24.841	15.494	10.262	7.249	5.410	4.223	3.419	2.852	2.440	2.132	1.897
2.	39.425	32.947	22.145	14.431	9.805	7.032	5.297	4.141	3.383	2.832	2.428	2.126	1.894
4.	24.841	22.145	16.747	11.985	8.653	6.448	4.980	3.977	3.272	2.761	2.383	2.096	1.874
6.	15.494	14.431	11.985	9.390	7.261	5.678	4.534	3.707	3.102	2.651	2.309	2.045	1.839
8.	10.262	9.805	8.653	7.261	5.963	4.887	4.044	3.395	2.897	2.513	2.214	1.979	1.792
10.	7.249	7.032	6.448	5.678	4.887	4.172	3.568	3.075	2.678	2.361	2.106	1.901	1.735
12.	5.410	5.297	4.980	4.534	4.044	3.568	3.141	2.772	2.462	2.205	1.993	1.818	1.673
14.	4.223	4.141	3.977	3.707	3.395	3.075	2.772	2.499	2.260	2.055	1.880	1.733	1.608
16.	3.419	3.383	3.272	3.102	2.897	2.678	2.462	2.260	2.077	1.914	1.772	1.649	1.544
18.	2.852	2.832	2.761	2.651	2.513	2.361	2.205	2.055	1.914	1.786	1.671	1.569	1.481
20.	2.440	2.428	2.383	2.309	2.214	2.106	1.993	1.880	1.772	1.671	1.578	1.495	1.421
22.	2.132	2.126	2.096	2.045	1.979	1.901	1.818	1.733	1.649	1.569	1.495	1.427	1.365
24.	1.897	1.894	1.874	1.839	1.792	1.735	1.673	1.608	1.544	1.481	1.421	1.365	1.313
26.	1.714	1.714	1.700	1.676	1.642	1.600	1.553	1.504	1.453	1.403	1.355	1.309	1.267
28.	1.570	1.571	1.562	1.545	1.520	1.489	1.454	1.416	1.376	1.337	1.298	1.260	1.225
30.	1.455	1.457	1.452	1.440	1.422	1.399	1.372	1.342	1.311	1.279	1.247	1.217	1.187
32.	1.362	1.366	1.363	1.354	1.341	1.324	1.303	1.280	1.255	1.230	1.204	1.179	1.154
34.	1.288	1.292	1.291	1.285	1.276	1.262	1.247	1.228	1.209	1.188	1.167	1.146	1.125
36.	1.228	1.232	1.232	1.229	1.222	1.212	1.200	1.185	1.170	1.153	1.135	1.118	1.101
38.	1.180	1.184	1.185	1.183	1.179	1.171	1.161	1.150	1.137	1.123	1.109	1.094	1.079
40.	1.141	1.146	1.148	1.147	1.144	1.138	1.131	1.121	1.111	1.099	1.087	1.075	1.062
42.	1.112	1.117	1.119	1.119	1.117	1.113	1.107	1.099	1.090	1.080	1.070	1.059	1.048
44.	1.090	1.095	1.097	1.098	1.097	1.093	1.088	1.082	1.074	1.066	1.057	1.047	1.037
46.	1.074	1.079	1.082	1.083	1.082	1.080	1.076	1.070	1.063	1.056	1.047	1.039	1.030
48.	1.065	1.070	1.073	1.075	1.074	1.072	1.068	1.063	1.057	1.050	1.042	1.034	1.025
50.	1.062	1.067	1.071	1.072	1.071	1.069	1.066	1.061	1.055	1.048	1.040	1.032	1.024

ROOM HEIGHT 70.0 DETECTOR HEIGHT 6.0

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	22.141	19.986	15.502	11.351	8.330	6.276	4.883	3.919	3.235	2.737	2.366	2.084	1.865
2.	19.986	18.223	14.439	10.788	8.037	6.119	4.795	3.868	3.205	2.720	2.356	2.079	1.863
4.	15.502	14.439	11.993	9.398	7.269	5.686	4.542	3.715	3.109	2.657	2.315	2.051	1.845
6.	11.351	10.788	9.398	7.766	6.288	5.096	4.180	3.486	2.960	2.559	2.248	2.005	1.812
8.	8.330	8.037	7.269	6.288	5.317	4.468	3.772	3.217	2.779	2.434	2.161	1.943	1.768
10.	6.276	6.119	5.686	5.096	4.468	3.880	3.367	2.937	2.584	2.296	2.062	1.871	1.715
12.	4.883	4.795	4.542	4.180	3.772	3.367	2.955	2.668	2.389	2.154	1.957	1.793	1.657
14.	3.919	3.868	3.715	3.486	3.217	2.937	2.668	2.422	2.204	2.014	1.852	1.713	1.595
16.	3.235	3.205	3.109	2.960	2.779	2.584	2.389	2.204	2.035	1.883	1.750	1.634	1.534
18.	2.737	2.720	2.657	2.559	2.434	2.296	2.154	2.014	1.883	1.763	1.655	1.558	1.474
20.	2.366	2.356	2.315	2.248	2.161	2.062	1.957	1.852	1.750	1.655	1.567	1.487	1.416
22.	2.084	2.079	2.051	2.005	1.943	1.871	1.793	1.713	1.634	1.558	1.487	1.422	1.362
24.	1.865	1.863	1.845	1.812	1.768	1.715	1.657	1.595	1.534	1.474	1.416	1.362	1.313
26.	1.694	1.694	1.682	1.659	1.626	1.587	1.543	1.496	1.447	1.399	1.353	1.309	1.267
28.	1.557	1.558	1.551	1.535	1.511	1.482	1.448	1.411	1.373	1.335	1.297	1.261	1.227
30.	1.447	1.450	1.445	1.434	1.417	1.395	1.369	1.340	1.310	1.279	1.249	1.219	1.190
32.	1.359	1.362	1.360	1.352	1.339	1.323	1.303	1.280	1.257	1.232	1.207	1.182	1.158
34.	1.287	1.291	1.290	1.285	1.276	1.263	1.248	1.230	1.211	1.191	1.170	1.150	1.130
36.	1.229	1.233	1.234	1.230	1.224	1.214	1.202	1.188	1.173	1.157	1.140	1.123	1.106
38.	1.182	1.187	1.188	1.186	1.182	1.174	1.165	1.154	1.142	1.128	1.114	1.099	1.085
40.	1.145	1.150	1.152	1.151	1.148	1.142	1.135	1.126	1.116	1.105	1.093	1.080	1.068
42.	1.116	1.121	1.123	1.124	1.121	1.117	1.111	1.104	1.096	1.086	1.076	1.065	1.054
44.	1.094	1.099	1.102	1.103	1.102	1.098	1.094	1.087	1.080	1.072	1.063	1.053	1.044
46.	1.079	1.084	1.088	1.089	1.088	1.085	1.081	1.076	1.069	1.062	1.054	1.045	1.036
48.	1.070	1.076	1.079	1.080	1.080	1.078	1.074	1.069	1.063	1.056	1.048	1.040	1.032
50.	1.068	1.073	1.076	1.077	1.077	1.075	1.071	1.067	1.061	1.054	1.046	1.038	1.030

ROOM HEIGHT			70.0		DETECTOR HEIGHT			4.0					
X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	1.714	1.570	1.455	1.362	1.288	1.228	1.180	1.141	1.112	1.090	1.076	1.065	1.062
2.	1.714	1.571	1.457	1.366	1.292	1.232	1.184	1.146	1.117	1.095	1.079	1.070	1.067
4.	1.700	1.562	1.452	1.363	1.291	1.232	1.185	1.148	1.119	1.097	1.082	1.073	1.071
6.	1.676	1.545	1.440	1.354	1.285	1.229	1.183	1.147	1.119	1.098	1.083	1.075	1.072
8.	1.642	1.520	1.422	1.341	1.276	1.222	1.179	1.144	1.117	1.097	1.082	1.074	1.071
10.	1.600	1.489	1.399	1.324	1.262	1.212	1.171	1.138	1.113	1.093	1.080	1.072	1.069
12.	1.553	1.454	1.372	1.303	1.247	1.200	1.161	1.131	1.107	1.088	1.076	1.068	1.066
14.	1.504	1.416	1.342	1.280	1.228	1.185	1.150	1.121	1.099	1.082	1.070	1.063	1.061
16.	1.453	1.376	1.311	1.255	1.209	1.170	1.137	1.111	1.090	1.074	1.063	1.057	1.055
18.	1.403	1.337	1.279	1.230	1.188	1.153	1.123	1.099	1.080	1.066	1.056	1.050	1.048
20.	1.355	1.298	1.247	1.204	1.167	1.135	1.109	1.087	1.070	1.057	1.047	1.042	1.040
22.	1.309	1.260	1.217	1.179	1.146	1.118	1.094	1.075	1.059	1.047	1.039	1.034	1.032
24.	1.267	1.225	1.187	1.154	1.125	1.101	1.079	1.062	1.048	1.037	1.030	1.025	1.024
26.	1.227	1.192	1.159	1.131	1.106	1.084	1.065	1.050	1.037	1.027	1.021	1.016	1.015
28.	1.192	1.161	1.134	1.109	1.087	1.068	1.051	1.037	1.026	1.018	1.012	1.008	1.007
30.	1.159	1.134	1.110	1.089	1.069	1.053	1.038	1.026	1.016	1.008	1.003	1.000	0.998
32.	1.131	1.109	1.089	1.070	1.053	1.039	1.026	1.015	1.006	0.999	0.995	0.992	0.991
34.	1.106	1.087	1.069	1.053	1.039	1.026	1.015	1.005	0.997	0.991	0.987	0.984	0.983
36.	1.084	1.068	1.053	1.039	1.026	1.015	1.005	0.996	0.989	0.984	0.980	0.977	0.977
38.	1.065	1.051	1.038	1.026	1.015	1.005	0.996	0.988	0.982	0.977	0.973	0.971	0.971
40.	1.050	1.037	1.026	1.015	1.005	0.996	0.988	0.981	0.976	0.971	0.968	0.966	0.965
42.	1.037	1.026	1.016	1.006	0.997	0.989	0.982	0.976	0.970	0.966	0.963	0.962	0.961
44.	1.027	1.018	1.008	0.999	0.991	0.984	0.977	0.971	0.966	0.963	0.960	0.958	0.958
46.	1.021	1.012	1.003	0.995	0.987	0.980	0.973	0.968	0.963	0.960	0.957	0.956	0.955
48.	1.016	1.008	1.000	0.992	0.984	0.977	0.971	0.966	0.962	0.958	0.956	0.954	0.954
50.	1.015	1.007	0.998	0.991	0.983	0.977	0.971	0.965	0.961	0.958	0.955	0.954	0.953

ROOM HEIGHT			70.0		DETECTOR HEIGHT			6.0					
X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	1.694	1.557	1.447	1.359	1.287	1.229	1.182	1.145	1.116	1.094	1.079	1.070	1.068
2.	1.696	1.558	1.450	1.362	1.291	1.233	1.187	1.150	1.121	1.099	1.084	1.076	1.073
4.	1.682	1.551	1.445	1.360	1.290	1.234	1.188	1.152	1.123	1.102	1.088	1.079	1.076
6.	1.659	1.535	1.434	1.352	1.285	1.230	1.186	1.151	1.124	1.103	1.089	1.080	1.077
8.	1.626	1.511	1.417	1.339	1.276	1.224	1.182	1.148	1.121	1.102	1.088	1.080	1.077
10.	1.587	1.482	1.395	1.323	1.263	1.214	1.174	1.142	1.117	1.098	1.085	1.078	1.075
12.	1.543	1.448	1.369	1.303	1.248	1.202	1.165	1.135	1.111	1.094	1.081	1.074	1.071
14.	1.496	1.411	1.340	1.280	1.230	1.188	1.154	1.126	1.104	1.087	1.076	1.069	1.067
16.	1.447	1.373	1.310	1.257	1.211	1.173	1.142	1.116	1.096	1.080	1.069	1.063	1.061
18.	1.399	1.335	1.279	1.232	1.191	1.157	1.128	1.105	1.086	1.072	1.062	1.056	1.054
20.	1.353	1.297	1.249	1.207	1.170	1.140	1.114	1.093	1.076	1.063	1.054	1.048	1.046
22.	1.309	1.261	1.219	1.182	1.150	1.123	1.099	1.080	1.065	1.053	1.045	1.040	1.038
24.	1.267	1.227	1.190	1.158	1.130	1.106	1.085	1.068	1.054	1.044	1.036	1.032	1.030
26.	1.229	1.195	1.163	1.135	1.111	1.089	1.071	1.056	1.043	1.034	1.027	1.023	1.022
28.	1.195	1.165	1.138	1.114	1.092	1.073	1.057	1.044	1.033	1.026	1.018	1.015	1.013
30.	1.163	1.138	1.115	1.094	1.075	1.059	1.044	1.032	1.022	1.015	1.010	1.006	1.005
32.	1.135	1.114	1.094	1.076	1.059	1.045	1.032	1.022	1.013	1.006	1.001	0.998	0.997
34.	1.111	1.092	1.075	1.059	1.045	1.032	1.021	1.012	1.004	0.998	0.994	0.991	0.990
36.	1.089	1.073	1.059	1.045	1.032	1.021	1.011	1.003	0.996	0.991	0.987	0.984	0.984
38.	1.071	1.057	1.044	1.032	1.021	1.011	1.002	0.995	0.989	0.984	0.980	0.978	0.978
40.	1.056	1.044	1.032	1.022	1.012	1.003	0.995	0.988	0.983	0.978	0.975	0.973	0.972
42.	1.043	1.033	1.022	1.013	1.004	0.996	0.989	0.983	0.977	0.973	0.970	0.969	0.968
44.	1.034	1.024	1.015	1.006	0.998	0.991	0.984	0.978	0.973	0.970	0.967	0.965	0.965
46.	1.027	1.018	1.010	1.001	0.994	0.987	0.980	0.975	0.970	0.967	0.964	0.963	0.962
48.	1.023	1.015	1.006	0.998	0.991	0.984	0.978	0.973	0.969	0.965	0.963	0.961	0.961
50.	1.022	1.013	1.005	0.997	0.990	0.984	0.978	0.972	0.968	0.965	0.962	0.961	0.960

ROOM HEIGHT 70.0 DETECTOR HEIGHT 8.0

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	12.699	11.990	10.279	8.339	6.642	5.313	4.315	3.571	3.015	2.594	2.271	2.020	1.822
2.	11.990	11.360	9.822	8.046	6.464	5.206	4.250	3.532	2.991	2.580	2.263	2.016	1.820
4.	10.279	9.822	8.670	7.278	5.979	4.903	4.059	3.410	2.912	2.527	2.227	1.992	1.804
6.	8.339	8.046	7.278	6.297	5.325	4.477	3.780	3.225	2.787	2.442	2.168	1.950	1.775
8.	6.642	6.464	5.979	5.325	4.639	4.004	3.457	3.003	2.768	2.538	2.324	2.130	1.960
10.	5.313	5.206	4.903	4.477	4.004	3.544	3.128	2.768	2.465	2.294	2.085	1.908	1.758
12.	4.315	4.250	4.059	3.780	3.457	3.128	2.818	2.538	2.294	2.085	1.908	1.758	1.632
14.	3.571	3.532	3.410	3.225	3.003	2.768	2.538	2.324	2.130	1.960	1.812	1.684	1.575
16.	3.015	2.991	2.912	2.787	2.633	2.465	2.294	2.130	1.978	1.841	1.718	1.611	1.517
18.	2.594	2.580	2.527	2.442	2.334	2.212	2.085	1.960	1.841	1.730	1.630	1.540	1.461
20.	2.271	2.263	2.227	2.168	2.091	2.002	1.908	1.812	1.718	1.630	1.548	1.474	1.407
22.	2.020	2.016	1.992	1.950	1.894	1.829	1.758	1.684	1.611	1.540	1.474	1.412	1.356
24.	1.822	1.820	1.804	1.775	1.734	1.686	1.632	1.575	1.517	1.461	1.407	1.356	1.308
26.	1.664	1.664	1.654	1.633	1.603	1.567	1.526	1.481	1.436	1.391	1.347	1.305	1.265
28.	1.537	1.539	1.532	1.517	1.495	1.468	1.436	1.402	1.366	1.330	1.296	1.259	1.226
30.	1.434	1.437	1.433	1.423	1.406	1.386	1.361	1.334	1.306	1.277	1.247	1.219	1.191
32.	1.351	1.354	1.352	1.345	1.333	1.317	1.299	1.277	1.255	1.231	1.207	1.183	1.160
34.	1.282	1.286	1.286	1.281	1.273	1.261	1.246	1.229	1.211	1.192	1.172	1.152	1.133
36.	1.227	1.231	1.232	1.229	1.223	1.214	1.203	1.189	1.174	1.159	1.142	1.126	1.109
38.	1.182	1.187	1.188	1.187	1.182	1.176	1.167	1.156	1.144	1.131	1.117	1.103	1.089
40.	1.146	1.151	1.153	1.153	1.150	1.145	1.138	1.129	1.119	1.108	1.097	1.085	1.072
42.	1.118	1.123	1.126	1.126	1.124	1.120	1.115	1.108	1.099	1.090	1.080	1.070	1.059
44.	1.097	1.102	1.105	1.106	1.105	1.102	1.098	1.092	1.084	1.076	1.067	1.058	1.049
46.	1.083	1.088	1.091	1.092	1.092	1.089	1.085	1.080	1.074	1.067	1.059	1.050	1.041
48.	1.074	1.079	1.083	1.084	1.084	1.082	1.078	1.074	1.068	1.061	1.053	1.045	1.037
50.	1.071	1.077	1.080	1.082	1.081	1.079	1.076	1.071	1.066	1.059	1.052	1.044	1.036

ROOM HEIGHT 70.0 DETECTOR HEIGHT 10.0

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	8.338	8.044	7.276	6.295	5.323	4.474	3.777	3.222	2.784	2.438	2.164	1.945	1.770
2.	8.044	7.773	7.058	6.137	5.216	4.404	3.732	3.193	2.765	2.427	2.158	1.943	1.769
4.	7.276	7.058	6.474	5.704	4.913	4.198	3.593	3.099	2.702	2.383	2.128	1.922	1.755
6.	6.295	6.137	5.704	5.114	4.486	3.898	3.385	2.954	2.600	2.312	2.077	1.886	1.729
8.	5.323	5.216	4.913	4.486	4.014	3.554	3.137	2.777	2.473	2.220	2.010	1.837	1.693
10.	4.474	4.404	4.198	3.898	3.554	3.205	2.878	2.586	2.332	2.116	1.933	1.779	1.649
12.	3.777	3.732	3.593	3.385	3.137	2.878	2.627	2.394	2.187	2.006	1.849	1.715	1.600
14.	3.222	3.193	3.099	2.954	2.777	2.586	2.394	2.212	2.045	1.896	1.764	1.648	1.548
16.	2.784	2.765	2.702	2.600	2.473	2.332	2.187	2.045	1.912	1.790	1.680	1.582	1.496
18.	2.438	2.427	2.383	2.312	2.220	2.116	2.006	1.896	1.790	1.690	1.599	1.517	1.443
20.	2.164	2.158	2.128	2.077	2.010	1.933	1.849	1.764	1.680	1.599	1.524	1.456	1.393
22.	1.945	1.943	1.922	1.886	1.837	1.779	1.715	1.648	1.582	1.517	1.456	1.398	1.345
24.	1.770	1.769	1.755	1.729	1.693	1.649	1.600	1.548	1.496	1.443	1.393	1.345	1.301
26.	1.627	1.628	1.619	1.601	1.574	1.541	1.503	1.462	1.420	1.378	1.337	1.297	1.260
28.	1.511	1.514	1.508	1.495	1.475	1.450	1.420	1.389	1.355	1.321	1.287	1.254	1.223
30.	1.417	1.420	1.416	1.407	1.392	1.373	1.351	1.325	1.299	1.271	1.243	1.216	1.190
32.	1.339	1.342	1.341	1.334	1.324	1.309	1.291	1.272	1.250	1.228	1.205	1.182	1.160
34.	1.275	1.279	1.279	1.274	1.267	1.256	1.242	1.226	1.209	1.190	1.171	1.152	1.134
36.	1.222	1.227	1.228	1.225	1.220	1.211	1.200	1.188	1.174	1.159	1.143	1.127	1.111
38.	1.180	1.184	1.186	1.185	1.181	1.175	1.166	1.156	1.145	1.132	1.119	1.105	1.092
40.	1.145	1.150	1.153	1.153	1.150	1.145	1.139	1.130	1.121	1.110	1.099	1.087	1.076
42.	1.119	1.124	1.127	1.127	1.126	1.122	1.117	1.110	1.102	1.093	1.083	1.073	1.063
44.	1.099	1.104	1.107	1.108	1.107	1.104	1.100	1.094	1.087	1.080	1.071	1.062	1.053
46.	1.085	1.090	1.093	1.095	1.094	1.092	1.088	1.083	1.077	1.070	1.062	1.054	1.046
48.	1.077	1.082	1.085	1.087	1.087	1.085	1.082	1.077	1.071	1.065	1.057	1.049	1.041
50.	1.074	1.079	1.083	1.084	1.084	1.082	1.079	1.075	1.069	1.063	1.056	1.048	1.040

ROOM HEIGHT 70.0 DETECTOR HEIGHT 8.0

X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	1.664	1.537	1.434	1.351	1.282	1.227	1.182	1.146	1.118	1.097	1.083	1.074	1.071
2.	1.664	1.539	1.437	1.354	1.286	1.231	1.187	1.151	1.123	1.102	1.088	1.079	1.077
4.	1.654	1.532	1.433	1.352	1.286	1.232	1.188	1.153	1.126	1.105	1.091	1.083	1.080
6.	1.633	1.517	1.423	1.345	1.281	1.229	1.187	1.153	1.126	1.106	1.092	1.084	1.082
8.	1.603	1.495	1.406	1.333	1.273	1.223	1.182	1.150	1.124	1.105	1.092	1.084	1.081
10.	1.567	1.468	1.386	1.317	1.261	1.214	1.176	1.145	1.120	1.102	1.089	1.082	1.079
12.	1.526	1.436	1.361	1.299	1.246	1.203	1.167	1.138	1.115	1.098	1.085	1.078	1.076
14.	1.481	1.402	1.334	1.277	1.229	1.189	1.156	1.129	1.108	1.092	1.080	1.074	1.071
16.	1.436	1.366	1.306	1.255	1.211	1.174	1.144	1.119	1.099	1.084	1.074	1.068	1.066
18.	1.391	1.330	1.277	1.231	1.192	1.159	1.131	1.108	1.090	1.076	1.067	1.061	1.059
20.	1.347	1.294	1.247	1.207	1.172	1.142	1.117	1.097	1.080	1.067	1.059	1.053	1.052
22.	1.305	1.259	1.219	1.183	1.152	1.126	1.103	1.085	1.070	1.058	1.050	1.045	1.044
24.	1.265	1.226	1.191	1.160	1.133	1.109	1.089	1.072	1.059	1.049	1.041	1.037	1.036
26.	1.229	1.195	1.165	1.138	1.114	1.093	1.075	1.060	1.048	1.039	1.032	1.029	1.027
28.	1.195	1.167	1.140	1.117	1.096	1.078	1.062	1.049	1.038	1.030	1.024	1.020	1.019
30.	1.165	1.140	1.118	1.098	1.079	1.063	1.049	1.038	1.028	1.021	1.015	1.012	1.011
32.	1.138	1.117	1.098	1.080	1.064	1.050	1.037	1.027	1.019	1.012	1.007	1.004	1.003
34.	1.114	1.096	1.079	1.064	1.050	1.038	1.027	1.017	1.010	1.004	1.000	0.997	0.996
36.	1.093	1.078	1.063	1.050	1.038	1.027	1.017	1.009	1.002	0.996	0.993	0.990	0.990
38.	1.075	1.062	1.049	1.037	1.027	1.017	1.008	1.001	0.995	0.990	0.986	0.984	0.984
40.	1.060	1.049	1.038	1.027	1.017	1.009	1.001	0.994	0.989	0.984	0.981	0.979	0.979
42.	1.048	1.038	1.028	1.019	1.010	1.002	0.995	0.989	0.984	0.980	0.977	0.975	0.974
44.	1.039	1.030	1.021	1.012	1.004	0.996	0.990	0.984	0.980	0.976	0.973	0.972	0.971
46.	1.032	1.024	1.015	1.007	1.000	0.993	0.986	0.981	0.977	0.973	0.971	0.969	0.969
48.	1.029	1.020	1.012	1.004	0.997	0.990	0.984	0.979	0.975	0.972	0.969	0.968	0.967
50.	1.027	1.019	1.011	1.003	0.996	0.990	0.984	0.979	0.974	0.971	0.969	0.967	0.967

ROOM HEIGHT 70.0 DETECTOR HEIGHT 10.0

X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	1.627	1.511	1.417	1.339	1.275	1.222	1.180	1.145	1.119	1.099	1.085	1.077	1.074
2.	1.628	1.514	1.420	1.342	1.279	1.227	1.184	1.150	1.124	1.104	1.090	1.082	1.079
4.	1.619	1.508	1.416	1.341	1.279	1.228	1.186	1.153	1.127	1.107	1.093	1.085	1.083
6.	1.601	1.495	1.407	1.334	1.274	1.225	1.185	1.153	1.127	1.108	1.095	1.087	1.084
8.	1.574	1.475	1.392	1.324	1.267	1.220	1.181	1.150	1.126	1.107	1.094	1.087	1.084
10.	1.541	1.450	1.373	1.309	1.256	1.211	1.175	1.145	1.122	1.104	1.092	1.085	1.082
12.	1.503	1.420	1.351	1.291	1.242	1.200	1.166	1.139	1.117	1.100	1.088	1.082	1.079
14.	1.462	1.389	1.325	1.272	1.226	1.188	1.156	1.130	1.110	1.094	1.083	1.077	1.075
16.	1.420	1.355	1.299	1.250	1.209	1.174	1.145	1.121	1.102	1.087	1.077	1.071	1.069
18.	1.378	1.321	1.271	1.228	1.190	1.159	1.132	1.110	1.093	1.080	1.070	1.065	1.063
20.	1.337	1.287	1.243	1.205	1.171	1.143	1.119	1.099	1.083	1.071	1.062	1.057	1.056
22.	1.297	1.254	1.216	1.182	1.152	1.127	1.105	1.087	1.073	1.062	1.054	1.049	1.048
24.	1.260	1.223	1.190	1.160	1.134	1.111	1.092	1.076	1.063	1.053	1.046	1.041	1.040
26.	1.225	1.194	1.165	1.139	1.116	1.096	1.078	1.064	1.052	1.043	1.037	1.033	1.032
28.	1.194	1.166	1.141	1.119	1.098	1.081	1.066	1.053	1.042	1.034	1.028	1.025	1.024
30.	1.165	1.141	1.120	1.100	1.082	1.067	1.053	1.042	1.032	1.025	1.020	1.017	1.016
32.	1.139	1.119	1.100	1.083	1.067	1.054	1.042	1.032	1.023	1.017	1.012	1.009	1.008
34.	1.116	1.098	1.082	1.067	1.054	1.042	1.031	1.022	1.015	1.009	1.005	1.002	1.001
36.	1.096	1.081	1.067	1.054	1.042	1.031	1.022	1.013	1.007	1.002	0.998	0.996	0.995
38.	1.078	1.066	1.053	1.042	1.031	1.022	1.013	1.006	1.000	0.995	0.992	0.990	0.989
40.	1.064	1.053	1.042	1.032	1.022	1.013	1.006	0.999	0.994	0.990	0.987	0.985	0.984
42.	1.052	1.042	1.032	1.023	1.015	1.007	1.000	0.994	0.989	0.985	0.982	0.980	0.980
44.	1.043	1.034	1.025	1.017	1.009	1.002	0.995	0.990	0.985	0.981	0.979	0.977	0.977
46.	1.037	1.028	1.020	1.012	1.005	0.998	0.992	0.987	0.982	0.979	0.976	0.975	0.974
48.	1.033	1.025	1.017	1.009	1.002	0.996	0.990	0.985	0.980	0.977	0.975	0.973	0.973
50.	1.032	1.024	1.016	1.008	1.001	0.995	0.989	0.984	0.980	0.977	0.974	0.973	0.972

ROOM HEIGHT 70.0 DETECTOR HEIGHT 12.0

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	5.977	5.837	5.448	4.913	4.336	3.789	3.3C6	2.897	2.558	2.280	2.052	1.866	1.713
2.	5.837	5.704	5.335	4.825	4.271	3.743	3.275	2.877	2.545	2.272	2.048	1.864	1.713
4.	5.448	5.335	5.017	4.572	4.080	3.604	3.176	2.8C6	2.495	2.237	2.024	1.847	1.701
6.	4.913	4.825	4.572	4.209	3.801	3.396	3.023	2.695	2.415	2.179	1.981	1.816	1.679
8.	4.336	4.271	4.080	3.801	3.478	3.148	2.837	2.557	2.313	2.103	1.925	1.774	1.647
10.	3.789	3.743	3.604	3.396	3.148	2.889	2.637	2.4C5	2.197	2.015	1.858	1.723	1.608
12.	3.3C6	3.275	3.176	3.023	2.837	2.637	2.437	2.248	2.076	1.921	1.785	1.667	1.565
14.	2.897	2.877	2.806	2.695	2.557	2.4C5	2.248	2.C97	1.955	1.826	1.710	1.608	1.518
16.	2.558	2.545	2.495	2.415	2.313	2.197	2.076	1.955	1.841	1.734	1.636	1.548	1.470
18.	2.28C	2.272	2.237	2.179	2.103	2.015	1.921	1.826	1.734	1.646	1.564	1.490	1.423
20.	2.052	2.048	2.024	1.981	1.925	1.858	1.785	1.710	1.636	1.564	1.497	1.434	1.377
22.	1.866	1.864	1.847	1.816	1.774	1.723	1.667	1.6C8	1.548	1.490	1.434	1.381	1.332
24.	1.713	1.713	1.701	1.679	1.647	1.6C8	1.565	1.518	1.470	1.423	1.377	1.332	1.291
26.	1.586	1.588	1.580	1.564	1.540	1.511	1.477	1.44C	1.4C2	1.363	1.325	1.288	1.253
28.	1.482	1.485	1.480	1.468	1.451	1.428	1.4C1	1.372	1.341	1.310	1.278	1.247	1.218
3C.	1.396	1.399	1.396	1.388	1.375	1.358	1.337	1.314	1.289	1.263	1.237	1.211	1.187
32.	1.324	1.328	1.327	1.321	1.311	1.298	1.282	1.263	1.243	1.222	1.201	1.179	1.158
34.	1.264	1.269	1.269	1.265	1.258	1.248	1.236	1.221	1.2C5	1.187	1.169	1.151	1.133
36.	1.215	1.220	1.221	1.219	1.214	1.2C7	1.197	1.185	1.171	1.157	1.142	1.127	1.112
38.	1.175	1.180	1.182	1.181	1.178	1.172	1.164	1.155	1.144	1.132	1.119	1.106	1.093
4C.	1.143	1.148	1.151	1.151	1.149	1.146	1.138	1.130	1.121	1.111	1.100	1.089	1.078
42.	1.118	1.123	1.126	1.127	1.125	1.122	1.117	1.111	1.1C3	1.094	1.085	1.075	1.065
44.	1.099	1.104	1.107	1.109	1.108	1.1C5	1.1C1	1.096	1.089	1.082	1.073	1.065	1.056
46.	1.086	1.091	1.094	1.096	1.096	1.094	1.09C	1.C85	1.080	1.073	1.065	1.057	1.049
48.	1.078	1.083	1.087	1.088	1.088	1.087	1.084	1.C79	1.074	1.067	1.060	1.053	1.045
5C.	1.075	1.081	1.084	1.086	1.086	1.084	1.081	1.077	1.072	1.066	1.059	1.051	1.043

ROOM HEIGHT 70.0 DETECTOR HEIGHT 14.C

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	4.561	4.488	4.273	3.962	3.605	3.246	2.91C	2.610	2.351	2.130	1.943	1.786	1.654
2.	4.488	4.418	4.211	3.911	3.566	3.217	2.889	2.596	2.342	2.124	1.940	1.785	1.655
4.	4.273	4.211	4.027	3.757	3.444	3.123	2.819	2.544	2.3C4	2.097	1.921	1.772	1.646
6.	3.962	3.911	3.757	3.528	3.258	2.978	2.7C8	2.461	2.241	2.050	1.886	1.746	1.627
8.	3.605	3.566	3.444	3.258	3.036	2.8C0	2.569	2.354	2.160	1.988	1.839	1.710	1.599
10.	3.246	3.217	3.123	2.978	2.800	2.6C9	2.416	2.234	2.066	1.915	1.782	1.666	1.566
12.	2.910	2.889	2.819	2.708	2.569	2.416	2.26C	2.1C8	1.966	1.837	1.720	1.617	1.527
14.	2.610	2.596	2.544	2.461	2.354	2.234	2.1C8	1.984	1.866	1.756	1.656	1.566	1.486
16.	2.351	2.342	2.304	2.241	2.160	2.066	1.966	1.866	1.768	1.676	1.591	1.513	1.443
18.	2.130	2.124	2.097	2.050	1.988	1.915	1.837	1.756	1.676	1.599	1.527	1.461	1.400
20.	1.943	1.940	1.921	1.886	1.839	1.782	1.72C	1.656	1.591	1.527	1.467	1.410	1.358
22.	1.786	1.785	1.772	1.746	1.710	1.666	1.617	1.566	1.513	1.461	1.410	1.362	1.318
24.	1.654	1.655	1.646	1.627	1.599	1.566	1.527	1.486	1.443	1.4C0	1.358	1.318	1.280
26.	1.543	1.546	1.539	1.525	1.505	1.479	1.448	1.415	1.381	1.345	1.310	1.277	1.244
28.	1.450	1.453	1.450	1.440	1.424	1.4C4	1.38C	1.354	1.326	1.297	1.268	1.239	1.212
3C.	1.373	1.376	1.374	1.367	1.356	1.34C	1.321	1.3C0	1.277	1.253	1.229	1.205	1.182
32.	1.3C7	1.311	1.311	1.306	1.298	1.286	1.271	1.254	1.235	1.216	1.195	1.175	1.156
34.	1.253	1.257	1.258	1.255	1.249	1.239	1.228	1.214	1.199	1.183	1.166	1.149	1.132
36.	1.2C7	1.212	1.214	1.212	1.208	1.2C1	1.191	1.180	1.168	1.154	1.140	1.126	1.112
38.	1.17C	1.175	1.177	1.177	1.174	1.168	1.161	1.152	1.142	1.131	1.119	1.106	1.094
4C.	1.140	1.145	1.148	1.148	1.146	1.142	1.136	1.129	1.120	1.111	1.101	1.090	1.079
42.	1.116	1.121	1.124	1.125	1.124	1.121	1.116	1.110	1.1C3	1.095	1.086	1.077	1.067
44.	1.098	1.103	1.107	1.108	1.107	1.1C5	1.1C1	1.C96	1.090	1.083	1.075	1.067	1.058
46.	1.085	1.091	1.094	1.096	1.096	1.094	1.C91	1.C86	1.081	1.074	1.067	1.059	1.051
48.	1.078	1.083	1.087	1.089	1.089	1.088	1.085	1.C81	1.075	1.069	1.062	1.055	1.048
5C.	1.075	1.081	1.085	1.086	1.087	1.085	1.C83	1.C79	1.074	1.068	1.061	1.054	1.046

ROOM HEIGHT			70.0		DETECTOR HEIGHT			12.C					
X/Y	26.	28.	30.	32.	34.	36.	38.	4C.	42.	44.	46.	48.	5C.
C.	1.586	1.482	1.396	1.324	1.264	1.215	1.175	1.143	1.118	1.099	1.086	1.078	1.075
2.	1.588	1.485	1.399	1.328	1.269	1.22C	1.18C	1.148	1.123	1.104	1.091	1.083	1.081
4.	1.58C	1.480	1.396	1.327	1.269	1.221	1.182	1.151	1.126	1.107	1.094	1.087	1.084
6.	1.564	1.468	1.388	1.321	1.265	1.219	1.181	1.151	1.127	1.109	1.096	1.088	1.086
8.	1.540	1.451	1.375	1.311	1.258	1.214	1.178	1.149	1.125	1.108	1.096	1.088	1.086
1C.	1.511	1.428	1.358	1.298	1.248	1.2C7	1.172	1.144	1.122	1.105	1.094	1.087	1.084
12.	1.477	1.401	1.337	1.282	1.236	1.197	1.164	1.138	1.117	1.101	1.090	1.084	1.081
14.	1.440	1.372	1.314	1.263	1.221	1.185	1.155	1.130	1.111	1.096	1.085	1.079	1.077
16.	1.4C2	1.341	1.289	1.243	1.205	1.171	1.144	1.121	1.1C3	1.089	1.080	1.074	1.072
18.	1.363	1.310	1.263	1.222	1.187	1.157	1.132	1.111	1.094	1.082	1.073	1.067	1.066
2C.	1.325	1.278	1.237	1.201	1.169	1.142	1.119	1.100	1.085	1.073	1.065	1.060	1.059
22.	1.288	1.247	1.211	1.179	1.151	1.127	1.1C6	1.C89	1.075	1.065	1.057	1.053	1.051
24.	1.253	1.218	1.187	1.158	1.133	1.112	1.093	1.C78	1.065	1.056	1.049	1.045	1.043
26.	1.220	1.190	1.163	1.138	1.116	1.097	1.081	1.067	1.055	1.047	1.041	1.037	1.036
28.	1.190	1.164	1.141	1.119	1.100	1.083	1.068	1.056	1.046	1.038	1.032	1.029	1.028
3C.	1.163	1.141	1.120	1.101	1.084	1.069	1.056	1.C45	1.036	1.029	1.024	1.021	1.020
32.	1.138	1.119	1.101	1.085	1.070	1.057	1.045	1.035	1.027	1.021	1.016	1.014	1.013
34.	1.116	1.100	1.084	1.070	1.057	1.045	1.035	1.026	1.019	1.013	1.009	1.007	1.006
36.	1.097	1.083	1.069	1.057	1.045	1.035	1.C25	1.C18	1.011	1.006	1.002	1.000	0.999
38.	1.081	1.068	1.056	1.045	1.035	1.025	1.017	1.010	1.004	1.000	0.996	0.994	0.994
4C.	1.067	1.056	1.045	1.035	1.026	1.018	1.01C	1.004	0.998	0.994	0.991	0.989	0.989
42.	1.055	1.046	1.036	1.027	1.019	1.011	1.004	0.998	0.994	0.990	0.987	0.985	0.985
44.	1.047	1.038	1.029	1.021	1.013	1.006	1.000	0.994	0.990	0.986	0.984	0.982	0.981
46.	1.041	1.032	1.024	1.016	1.009	1.002	0.996	0.991	0.987	0.984	0.981	0.980	0.979
48.	1.037	1.029	1.021	1.014	1.007	1.000	0.994	0.989	0.985	0.982	0.980	0.978	0.978
5C.	1.036	1.028	1.020	1.013	1.006	0.999	0.994	0.989	0.985	0.981	0.979	0.978	0.977

ROOM HEIGHT			70.0		DETECTOR HEIGHT			14.0					
X/Y	26.	28.	30.	32.	34.	36.	38.	4C.	42.	44.	46.	48.	5C.
C.	1.543	1.450	1.373	1.307	1.253	1.207	1.17C	1.140	1.116	1.098	1.085	1.078	1.075
2.	1.546	1.453	1.376	1.311	1.257	1.212	1.175	1.145	1.121	1.103	1.091	1.083	1.081
4.	1.539	1.450	1.374	1.311	1.258	1.214	1.177	1.148	1.124	1.107	1.094	1.087	1.085
6.	1.525	1.440	1.367	1.306	1.255	1.212	1.177	1.148	1.125	1.108	1.096	1.089	1.086
8.	1.5C5	1.424	1.356	1.298	1.249	1.2C8	1.174	1.146	1.124	1.107	1.096	1.089	1.087
1C.	1.479	1.404	1.340	1.286	1.239	1.2C1	1.168	1.142	1.121	1.105	1.094	1.088	1.085
12.	1.448	1.380	1.321	1.271	1.228	1.191	1.161	1.136	1.116	1.101	1.091	1.085	1.083
14.	1.415	1.354	1.300	1.254	1.214	1.180	1.152	1.129	1.110	1.096	1.086	1.081	1.079
16.	1.381	1.326	1.277	1.235	1.199	1.168	1.142	1.120	1.1C3	1.090	1.081	1.075	1.074
18.	1.345	1.297	1.253	1.216	1.183	1.154	1.131	1.111	1.095	1.083	1.076	1.069	1.068
2C.	1.310	1.268	1.229	1.195	1.166	1.140	1.119	1.101	1.086	1.075	1.067	1.062	1.061
22.	1.277	1.239	1.205	1.175	1.149	1.126	1.1C6	1.C90	1.077	1.067	1.059	1.055	1.054
24.	1.246	1.212	1.182	1.156	1.132	1.112	1.094	1.C79	1.067	1.058	1.051	1.048	1.046
26.	1.218	1.186	1.160	1.136	1.116	1.097	1.082	1.068	1.058	1.049	1.043	1.040	1.039
28.	1.186	1.161	1.139	1.118	1.100	1.084	1.C7C	1.C58	1.048	1.041	1.035	1.032	1.031
3C.	1.160	1.139	1.119	1.101	1.085	1.071	1.058	1.C48	1.039	1.032	1.027	1.024	1.023
32.	1.136	1.118	1.101	1.086	1.071	1.059	1.047	1.C38	1.030	1.024	1.020	1.017	1.016
34.	1.116	1.100	1.085	1.071	1.059	1.047	1.C38	1.C29	1.022	1.017	1.013	1.010	1.010
36.	1.097	1.C84	1.071	1.059	1.047	1.037	1.029	1.C21	1.015	1.010	1.006	1.004	1.003
38.	1.082	1.070	1.058	1.047	1.038	1.029	1.021	1.014	1.008	1.004	1.000	0.998	0.998
4C.	1.068	1.C58	1.048	1.038	1.029	1.021	1.014	1.CC8	1.002	0.998	0.995	0.994	0.993
42.	1.C58	1.048	1.039	1.030	1.022	1.015	1.CC8	1.CC2	0.998	0.994	0.991	0.990	0.989
44.	1.C49	1.041	1.032	1.024	1.017	1.01C	1.004	0.998	0.994	0.990	0.988	0.986	0.986
46.	1.043	1.035	1.027	1.020	1.013	1.006	1.CCC	0.995	0.991	0.988	0.985	0.984	0.983
48.	1.04C	1.C32	1.024	1.017	1.010	1.004	0.998	0.994	0.990	0.986	0.984	0.983	0.982
5C.	1.039	1.031	1.023	1.016	1.010	1.003	0.998	0.993	0.989	0.986	0.983	0.982	0.982

ROOF HEIGHT 70.0 DETECTOR HEIGHT 16.0

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	3.651	3.610	3.483	3.292	3.064	2.822	2.585	2.365	2.167	1.992	1.840	1.709	1.596
2.	3.610	3.571	3.448	3.262	3.040	2.804	2.572	2.356	2.161	1.989	1.839	1.709	1.598
4.	3.483	3.448	3.336	3.166	2.959	2.739	2.522	2.318	2.132	1.968	1.823	1.698	1.591
6.	3.292	3.262	3.166	3.016	2.834	2.638	2.441	2.255	2.084	1.930	1.795	1.677	1.575
8.	3.064	3.040	2.959	2.834	2.680	2.510	2.338	2.173	2.019	1.880	1.756	1.647	1.552
10.	2.822	2.804	2.739	2.638	2.510	2.368	2.222	2.079	1.944	1.821	1.709	1.610	1.523
12.	2.585	2.572	2.522	2.441	2.338	2.222	2.100	1.979	1.863	1.755	1.657	1.568	1.489
14.	2.365	2.356	2.318	2.255	2.173	2.079	1.979	1.878	1.780	1.687	1.601	1.523	1.453
16.	2.167	2.161	2.132	2.084	2.019	1.944	1.863	1.780	1.698	1.619	1.545	1.477	1.415
18.	1.992	1.989	1.968	1.930	1.880	1.821	1.755	1.687	1.619	1.553	1.490	1.431	1.376
20.	1.840	1.839	1.823	1.795	1.756	1.709	1.657	1.601	1.545	1.490	1.436	1.386	1.338
22.	1.709	1.709	1.698	1.677	1.647	1.610	1.568	1.523	1.477	1.431	1.386	1.342	1.302
24.	1.596	1.598	1.591	1.575	1.552	1.523	1.489	1.453	1.415	1.376	1.338	1.302	1.267
26.	1.500	1.503	1.498	1.486	1.469	1.446	1.419	1.390	1.359	1.327	1.295	1.264	1.234
28.	1.416	1.422	1.419	1.410	1.397	1.379	1.358	1.334	1.309	1.283	1.256	1.230	1.204
30.	1.349	1.352	1.351	1.345	1.335	1.322	1.305	1.286	1.265	1.243	1.221	1.198	1.177
32.	1.290	1.296	1.296	1.290	1.283	1.272	1.258	1.243	1.226	1.208	1.189	1.170	1.152
34.	1.240	1.244	1.245	1.243	1.238	1.229	1.219	1.206	1.192	1.177	1.162	1.146	1.130
36.	1.198	1.203	1.205	1.204	1.200	1.193	1.185	1.175	1.163	1.151	1.138	1.124	1.110
38.	1.163	1.168	1.171	1.171	1.168	1.163	1.157	1.149	1.139	1.128	1.117	1.106	1.094
40.	1.135	1.141	1.143	1.144	1.142	1.139	1.134	1.127	1.119	1.110	1.100	1.090	1.080
42.	1.113	1.118	1.122	1.123	1.122	1.119	1.115	1.109	1.103	1.095	1.086	1.078	1.068
44.	1.096	1.102	1.105	1.107	1.106	1.104	1.101	1.096	1.090	1.083	1.076	1.068	1.059
46.	1.084	1.090	1.093	1.095	1.095	1.094	1.091	1.087	1.081	1.075	1.068	1.061	1.053
48.	1.077	1.083	1.087	1.089	1.089	1.088	1.085	1.081	1.076	1.070	1.064	1.057	1.049
50.	1.075	1.081	1.084	1.086	1.087	1.086	1.083	1.079	1.074	1.069	1.062	1.055	1.048

ROOF HEIGHT 70.0 DETECTOR HEIGHT 18.0

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	3.035	3.012	2.933	2.811	2.659	2.492	2.323	2.159	2.007	1.869	1.746	1.637	1.542
2.	3.012	2.989	2.913	2.793	2.644	2.481	2.315	2.154	2.004	1.868	1.746	1.638	1.544
4.	2.933	2.913	2.842	2.730	2.591	2.437	2.279	2.126	1.983	1.852	1.734	1.630	1.538
6.	2.811	2.793	2.730	2.630	2.505	2.365	2.221	2.079	1.946	1.823	1.712	1.613	1.525
8.	2.659	2.644	2.591	2.505	2.395	2.272	2.144	2.017	1.895	1.783	1.680	1.588	1.506
10.	2.492	2.481	2.437	2.365	2.272	2.166	2.055	1.943	1.835	1.734	1.641	1.557	1.481
12.	2.323	2.315	2.279	2.221	2.144	2.055	1.960	1.864	1.770	1.680	1.597	1.521	1.452
14.	2.159	2.154	2.126	2.079	2.017	1.943	1.864	1.782	1.701	1.623	1.550	1.482	1.420
16.	2.007	2.004	1.983	1.946	1.895	1.835	1.770	1.701	1.632	1.565	1.501	1.442	1.387
18.	1.869	1.868	1.852	1.823	1.783	1.734	1.680	1.623	1.565	1.508	1.453	1.401	1.353
20.	1.746	1.746	1.734	1.712	1.680	1.641	1.597	1.550	1.501	1.453	1.406	1.361	1.319
22.	1.637	1.638	1.630	1.613	1.588	1.557	1.521	1.482	1.442	1.401	1.361	1.322	1.286
24.	1.542	1.544	1.538	1.525	1.506	1.481	1.452	1.420	1.387	1.353	1.319	1.286	1.254
26.	1.459	1.462	1.458	1.449	1.434	1.414	1.391	1.365	1.337	1.308	1.280	1.251	1.224
28.	1.387	1.390	1.389	1.382	1.370	1.355	1.336	1.315	1.292	1.268	1.244	1.220	1.196
30.	1.325	1.329	1.328	1.324	1.315	1.303	1.288	1.271	1.252	1.232	1.211	1.191	1.171
32.	1.272	1.276	1.277	1.274	1.267	1.258	1.246	1.232	1.216	1.200	1.182	1.165	1.148
34.	1.226	1.231	1.233	1.231	1.226	1.219	1.209	1.198	1.185	1.171	1.157	1.142	1.127
36.	1.188	1.193	1.195	1.195	1.191	1.186	1.178	1.169	1.158	1.147	1.134	1.122	1.109
38.	1.156	1.161	1.164	1.164	1.162	1.158	1.152	1.144	1.136	1.126	1.115	1.104	1.093
40.	1.130	1.136	1.139	1.139	1.138	1.135	1.130	1.124	1.117	1.108	1.099	1.089	1.080
42.	1.109	1.115	1.118	1.120	1.119	1.117	1.113	1.108	1.101	1.094	1.086	1.078	1.069
44.	1.094	1.099	1.103	1.104	1.104	1.103	1.100	1.095	1.090	1.083	1.076	1.068	1.060
46.	1.083	1.088	1.092	1.094	1.094	1.093	1.090	1.086	1.081	1.075	1.069	1.062	1.054
48.	1.076	1.082	1.085	1.088	1.088	1.087	1.085	1.081	1.076	1.071	1.065	1.058	1.051
50.	1.074	1.079	1.083	1.085	1.086	1.085	1.083	1.079	1.075	1.069	1.063	1.057	1.050

ROOM HEIGHT			70.0		DETECTOR HEIGHT			16.C					
X/Y	26.	28.	30.	32.	34.	36.	38.	4C.	42.	44.	46.	48.	5C.
0.	1.5CC	1.418	1.349	1.290	1.240	1.198	1.163	1.135	1.113	1.096	1.084	1.077	1.075
2.	1.5C3	1.422	1.352	1.294	1.244	1.2C3	1.168	1.141	1.118	1.1C2	1.090	1.083	1.081
4.	1.498	1.419	1.351	1.294	1.245	1.2C5	1.171	1.143	1.122	1.1C5	1.093	1.087	1.084
6.	1.486	1.410	1.345	1.290	1.243	1.2C4	1.171	1.144	1.123	1.1C7	1.095	1.089	1.086
8.	1.469	1.397	1.335	1.283	1.238	1.2CC	1.168	1.142	1.122	1.1C6	1.095	1.089	1.087
10.	1.446	1.379	1.322	1.272	1.229	1.193	1.163	1.139	1.119	1.104	1.094	1.088	1.086
12.	1.419	1.358	1.305	1.258	1.219	1.185	1.157	1.134	1.115	1.101	1.091	1.085	1.083
14.	1.39C	1.334	1.286	1.243	1.206	1.175	1.149	1.127	1.1C9	1.096	1.087	1.081	1.079
16.	1.359	1.309	1.265	1.226	1.192	1.163	1.139	1.119	1.1C3	1.090	1.081	1.076	1.074
18.	1.327	1.283	1.243	1.208	1.177	1.151	1.128	1.110	1.095	1.083	1.075	1.070	1.069
20.	1.295	1.256	1.221	1.189	1.162	1.138	1.117	1.1C0	1.086	1.076	1.068	1.064	1.062
22.	1.264	1.230	1.198	1.170	1.146	1.124	1.1C6	1.C9C	1.078	1.068	1.061	1.057	1.055
24.	1.234	1.204	1.177	1.152	1.130	1.11C	1.094	1.C8C	1.068	1.059	1.053	1.049	1.048
26.	1.2C6	1.180	1.156	1.134	1.114	1.097	1.082	1.069	1.059	1.051	1.045	1.042	1.041
28.	1.18C	1.157	1.136	1.117	1.099	1.084	1.071	1.C59	1.050	1.043	1.038	1.034	1.033
30.	1.156	1.136	1.118	1.101	1.085	1.071	1.060	1.049	1.041	1.035	1.030	1.027	1.026
32.	1.134	1.117	1.101	1.086	1.072	1.06C	1.049	1.040	1.033	1.027	1.023	1.020	1.019
34.	1.114	1.099	1.085	1.072	1.060	1.049	1.04C	1.031	1.025	1.020	1.016	1.013	1.013
36.	1.097	1.084	1.071	1.060	1.049	1.04C	1.031	1.024	1.018	1.013	1.009	1.007	1.007
38.	1.082	1.071	1.060	1.049	1.040	1.031	1.023	1.017	1.011	1.007	1.004	1.002	1.001
40.	1.069	1.059	1.049	1.040	1.031	1.024	1.017	1.011	1.006	1.002	0.999	0.997	0.997
42.	1.059	1.050	1.041	1.033	1.025	1.018	1.011	1.006	1.001	0.997	0.995	0.993	0.993
44.	1.051	1.043	1.035	1.027	1.020	1.013	1.007	1.002	0.997	0.994	0.991	0.990	0.989
46.	1.045	1.038	1.030	1.023	1.016	1.009	1.004	0.999	0.995	0.991	0.989	0.988	0.987
48.	1.042	1.034	1.027	1.020	1.013	1.007	1.002	0.997	0.993	0.990	0.988	0.986	0.986
5C.	1.041	1.033	1.026	1.019	1.013	1.007	1.001	0.997	0.993	0.989	0.987	0.986	0.985

ROOM HEIGHT			70.0		DETECTOR HEIGHT			18.C					
X/Y	26.	28.	30.	32.	34.	36.	38.	4C.	42.	44.	46.	48.	5C.
0.	1.459	1.387	1.325	1.272	1.226	1.188	1.156	1.13C	1.1C9	1.094	1.083	1.076	1.074
2.	1.462	1.390	1.329	1.276	1.231	1.193	1.161	1.136	1.115	1.099	1.088	1.082	1.079
4.	1.458	1.389	1.328	1.277	1.233	1.195	1.164	1.139	1.118	1.103	1.092	1.085	1.083
6.	1.449	1.382	1.324	1.274	1.231	1.195	1.164	1.139	1.120	1.104	1.094	1.088	1.085
8.	1.434	1.370	1.315	1.267	1.226	1.191	1.162	1.138	1.119	1.104	1.094	1.088	1.086
1C.	1.414	1.355	1.303	1.258	1.219	1.186	1.158	1.135	1.117	1.103	1.093	1.087	1.085
12.	1.391	1.336	1.288	1.246	1.209	1.178	1.152	1.130	1.113	1.100	1.090	1.085	1.083
14.	1.365	1.315	1.271	1.232	1.198	1.169	1.144	1.124	1.1C8	1.095	1.086	1.081	1.079
16.	1.337	1.292	1.252	1.216	1.185	1.158	1.136	1.117	1.1C1	1.090	1.081	1.076	1.075
18.	1.3C8	1.268	1.232	1.200	1.171	1.147	1.126	1.1C8	1.094	1.083	1.075	1.071	1.069
20.	1.28C	1.244	1.211	1.182	1.157	1.134	1.115	1.C99	1.086	1.076	1.069	1.065	1.063
22.	1.251	1.220	1.191	1.165	1.142	1.122	1.1C4	1.C89	1.078	1.068	1.062	1.058	1.057
24.	1.224	1.196	1.171	1.148	1.127	1.1C9	1.C93	1.C8C	1.069	1.060	1.054	1.051	1.050
26.	1.198	1.174	1.151	1.131	1.112	1.096	1.C82	1.C7C	1.060	1.052	1.047	1.044	1.043
28.	1.174	1.153	1.133	1.115	1.098	1.083	1.071	1.C6C	1.051	1.044	1.039	1.036	1.035
3C.	1.151	1.133	1.115	1.099	1.085	1.072	1.06C	1.C51	1.043	1.036	1.032	1.029	1.028
32.	1.131	1.115	1.099	1.085	1.072	1.061	1.05C	1.C42	1.034	1.029	1.025	1.022	1.022
34.	1.112	1.098	1.085	1.072	1.061	1.05C	1.C41	1.C33	1.027	1.022	1.018	1.016	1.015
36.	1.096	1.083	1.072	1.061	1.050	1.041	1.033	1.C26	1.020	1.015	1.012	1.010	1.009
38.	1.082	1.071	1.060	1.050	1.041	1.033	1.C25	1.C19	1.014	1.010	1.007	1.005	1.004
4C.	1.07C	1.060	1.051	1.042	1.033	1.026	1.C19	1.C13	1.008	1.005	1.002	1.000	1.000
42.	1.06C	1.051	1.043	1.034	1.027	1.02C	1.014	1.CC8	1.004	1.000	0.998	0.996	0.996
44.	1.052	1.044	1.036	1.029	1.022	1.015	1.01C	1.CC5	1.CCC	0.997	0.995	0.993	0.993
46.	1.047	1.039	1.032	1.025	1.018	1.012	1.CC7	1.CC2	0.998	0.995	0.992	0.991	0.990
48.	1.044	1.036	1.029	1.022	1.016	1.01C	1.CC5	1.CCC	0.996	0.993	0.991	0.990	0.989
5C.	1.043	1.035	1.028	1.022	1.015	1.CC9	1.CC4	1.CCC	0.996	0.993	0.990	0.989	0.989

ROOM HEIGHT 70.0 DETECTOR HEIGHT 20.0

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	2.603	2.590	2.539	2.458	2.354	2.236	2.113	1.990	1.873	1.763	1.663	1.572	1.491
2.	2.590	2.577	2.528	2.448	2.346	2.230	2.108	1.988	1.872	1.763	1.664	1.574	1.494
4.	2.539	2.528	2.481	2.406	2.309	2.199	2.083	1.968	1.856	1.751	1.655	1.568	1.490
6.	2.458	2.448	2.406	2.337	2.249	2.148	2.040	1.932	1.827	1.729	1.637	1.554	1.480
8.	2.354	2.346	2.309	2.249	2.170	2.079	1.982	1.884	1.788	1.696	1.612	1.536	1.463
10.	2.236	2.230	2.199	2.148	2.079	2.000	1.914	1.826	1.740	1.657	1.579	1.508	1.442
12.	2.113	2.108	2.083	2.040	1.982	1.914	1.840	1.763	1.686	1.612	1.542	1.477	1.418
14.	1.990	1.988	1.968	1.932	1.884	1.826	1.763	1.697	1.630	1.565	1.502	1.444	1.390
16.	1.873	1.872	1.856	1.827	1.788	1.740	1.686	1.630	1.572	1.516	1.461	1.409	1.361
18.	1.763	1.763	1.751	1.729	1.696	1.657	1.612	1.565	1.516	1.467	1.419	1.373	1.330
20.	1.663	1.664	1.655	1.637	1.612	1.579	1.542	1.502	1.461	1.419	1.378	1.338	1.300
22.	1.572	1.574	1.568	1.554	1.536	1.508	1.477	1.444	1.409	1.373	1.338	1.303	1.270
24.	1.491	1.494	1.490	1.480	1.463	1.442	1.418	1.390	1.361	1.330	1.300	1.270	1.241
26.	1.420	1.423	1.421	1.413	1.401	1.384	1.363	1.341	1.316	1.290	1.265	1.239	1.214
28.	1.357	1.361	1.360	1.354	1.345	1.331	1.315	1.296	1.275	1.254	1.232	1.210	1.188
30.	1.302	1.306	1.306	1.303	1.295	1.285	1.271	1.256	1.239	1.221	1.202	1.183	1.165
32.	1.254	1.259	1.260	1.258	1.252	1.244	1.233	1.221	1.206	1.191	1.175	1.159	1.143
34.	1.213	1.218	1.220	1.219	1.215	1.208	1.200	1.190	1.178	1.165	1.151	1.138	1.124
36.	1.178	1.183	1.186	1.186	1.183	1.178	1.171	1.163	1.153	1.142	1.131	1.119	1.106
38.	1.149	1.154	1.157	1.158	1.156	1.152	1.147	1.140	1.132	1.123	1.113	1.102	1.092
40.	1.125	1.130	1.134	1.135	1.134	1.131	1.127	1.121	1.114	1.106	1.098	1.088	1.079
42.	1.106	1.111	1.115	1.116	1.116	1.114	1.110	1.106	1.100	1.093	1.085	1.077	1.069
44.	1.091	1.096	1.100	1.102	1.102	1.101	1.098	1.094	1.089	1.083	1.076	1.068	1.061
46.	1.080	1.086	1.090	1.092	1.093	1.092	1.089	1.085	1.081	1.075	1.069	1.062	1.055
48.	1.074	1.080	1.084	1.086	1.087	1.086	1.084	1.081	1.076	1.071	1.065	1.059	1.052
50.	1.072	1.078	1.082	1.084	1.085	1.084	1.082	1.079	1.075	1.069	1.064	1.057	1.051

ROOM HEIGHT 70.0 DETECTOR HEIGHT 22.0

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	2.293	2.286	2.252	2.196	2.123	2.038	1.946	1.853	1.761	1.673	1.591	1.515	1.447
2.	2.286	2.279	2.246	2.191	2.119	2.035	1.944	1.852	1.761	1.674	1.593	1.518	1.450
4.	2.252	2.246	2.215	2.163	2.094	2.013	1.927	1.838	1.750	1.666	1.587	1.514	1.447
6.	2.196	2.191	2.163	2.114	2.051	1.976	1.894	1.811	1.728	1.648	1.573	1.503	1.439
8.	2.123	2.119	2.094	2.051	1.993	1.925	1.851	1.774	1.697	1.622	1.552	1.486	1.425
10.	2.038	2.035	2.013	1.976	1.925	1.864	1.798	1.728	1.658	1.590	1.525	1.464	1.407
12.	1.946	1.944	1.927	1.894	1.851	1.798	1.739	1.677	1.615	1.553	1.494	1.438	1.386
14.	1.853	1.852	1.838	1.811	1.774	1.728	1.677	1.623	1.568	1.513	1.460	1.409	1.362
16.	1.761	1.761	1.750	1.728	1.697	1.658	1.615	1.568	1.520	1.471	1.424	1.379	1.336
18.	1.673	1.674	1.666	1.648	1.622	1.590	1.553	1.513	1.471	1.429	1.388	1.348	1.309
20.	1.591	1.593	1.587	1.573	1.552	1.525	1.494	1.460	1.424	1.388	1.351	1.316	1.282
22.	1.515	1.518	1.514	1.503	1.486	1.464	1.438	1.409	1.379	1.348	1.316	1.285	1.255
24.	1.447	1.450	1.447	1.439	1.425	1.407	1.386	1.362	1.336	1.309	1.282	1.255	1.229
26.	1.385	1.389	1.387	1.381	1.370	1.356	1.338	1.318	1.296	1.274	1.250	1.227	1.204
28.	1.330	1.334	1.334	1.329	1.321	1.309	1.295	1.278	1.260	1.241	1.220	1.200	1.180
30.	1.281	1.285	1.286	1.283	1.277	1.268	1.256	1.242	1.227	1.210	1.193	1.176	1.158
32.	1.238	1.243	1.244	1.243	1.238	1.231	1.221	1.210	1.197	1.183	1.168	1.153	1.138
34.	1.201	1.206	1.208	1.207	1.204	1.198	1.191	1.181	1.171	1.159	1.146	1.133	1.120
36.	1.169	1.174	1.177	1.177	1.175	1.170	1.164	1.157	1.148	1.138	1.127	1.116	1.104
38.	1.142	1.147	1.150	1.151	1.150	1.147	1.142	1.135	1.128	1.119	1.110	1.100	1.090
40.	1.120	1.125	1.128	1.130	1.129	1.127	1.123	1.118	1.111	1.104	1.096	1.087	1.078
42.	1.102	1.107	1.111	1.113	1.113	1.111	1.108	1.103	1.098	1.091	1.084	1.076	1.068
44.	1.088	1.093	1.097	1.099	1.100	1.099	1.096	1.092	1.087	1.082	1.075	1.068	1.061
46.	1.078	1.084	1.088	1.090	1.091	1.090	1.088	1.084	1.080	1.075	1.069	1.062	1.055
48.	1.072	1.078	1.082	1.084	1.085	1.085	1.083	1.080	1.076	1.071	1.065	1.059	1.052
50.	1.070	1.076	1.080	1.083	1.084	1.083	1.081	1.078	1.074	1.069	1.064	1.058	1.051

ROOM HEIGHT 70.0 DETECTOR HEIGHT 20.C

X/Y	26.	28.	30.	32.	34.	36.	38.	4C.	42.	44.	46.	48.	5C.
C.	1.42C	1.357	1.302	1.254	1.213	1.178	1.149	1.125	1.1C6	1.091	1.080	1.074	1.072
2.	1.423	1.361	1.306	1.259	1.218	1.183	1.154	1.130	1.111	1.096	1.086	1.080	1.078
4.	1.421	1.360	1.306	1.260	1.220	1.186	1.157	1.134	1.115	1.100	1.090	1.084	1.082
6.	1.413	1.354	1.303	1.258	1.219	1.186	1.158	1.135	1.116	1.1C2	1.092	1.086	1.084
8.	1.401	1.345	1.295	1.252	1.215	1.182	1.156	1.134	1.116	1.102	1.093	1.087	1.085
1C.	1.384	1.331	1.285	1.244	1.208	1.178	1.152	1.131	1.114	1.101	1.092	1.086	1.084
12.	1.363	1.315	1.271	1.233	1.200	1.171	1.147	1.127	1.110	1.098	1.089	1.084	1.082
14.	1.341	1.296	1.256	1.221	1.190	1.163	1.140	1.121	1.1C6	1.094	1.085	1.081	1.079
16.	1.316	1.275	1.239	1.206	1.178	1.153	1.132	1.114	1.1C0	1.089	1.081	1.076	1.075
18.	1.290	1.254	1.221	1.191	1.165	1.142	1.123	1.1C6	1.093	1.083	1.075	1.071	1.069
2C.	1.265	1.232	1.202	1.175	1.151	1.131	1.113	1.C98	1.085	1.076	1.069	1.065	1.064
22.	1.239	1.210	1.183	1.159	1.138	1.119	1.1C2	1.C88	1.077	1.068	1.062	1.059	1.057
24.	1.214	1.188	1.165	1.143	1.124	1.1C6	1.C92	1.079	1.069	1.061	1.055	1.052	1.051
26.	1.19C	1.167	1.146	1.127	1.110	1.094	1.C81	1.C7C	1.060	1.053	1.048	1.045	1.044
28.	1.167	1.148	1.129	1.112	1.096	1.083	1.071	1.C60	1.052	1.045	1.041	1.038	1.037
3C.	1.146	1.129	1.113	1.098	1.084	1.071	1.061	1.051	1.044	1.038	1.033	1.031	1.030
32.	1.127	1.112	1.098	1.084	1.072	1.061	1.C51	1.C43	1.036	1.030	1.027	1.024	1.023
34.	1.11C	1.096	1.084	1.072	1.061	1.051	1.C42	1.C35	1.029	1.024	1.020	1.018	1.017
36.	1.094	1.083	1.071	1.061	1.051	1.042	1.034	1.C27	1.022	1.017	1.014	1.012	1.012
38.	1.081	1.071	1.061	1.051	1.042	1.034	1.C27	1.C21	1.016	1.012	1.009	1.007	1.006
4C.	1.07C	1.060	1.051	1.043	1.035	1.027	1.C21	1.C15	1.011	1.007	1.004	1.003	1.002
42.	1.060	1.052	1.044	1.036	1.029	1.022	1.016	1.C11	1.0C6	1.003	1.000	0.999	0.998
44.	1.053	1.045	1.038	1.030	1.024	1.017	1.012	1.C07	1.0C3	1.000	0.997	0.996	0.995
46.	1.048	1.041	1.033	1.027	1.020	1.014	1.CC9	1.CC4	1.0CC	0.997	0.995	0.994	0.993
48.	1.045	1.038	1.031	1.024	1.018	1.012	1.0C7	1.CC3	0.999	0.996	0.994	0.992	0.992
5C.	1.044	1.037	1.030	1.023	1.017	1.012	1.0C6	1.CC2	0.998	0.995	0.993	0.992	0.991

ROOM HEIGHT 70.0 DETECTOR HEIGHT 22.C

X/Y	26.	28.	30.	32.	34.	36.	38.	4C.	42.	44.	46.	48.	5C.
C.	1.385	1.330	1.281	1.238	1.201	1.169	1.142	1.12C	1.1C2	1.088	1.078	1.072	1.070
2.	1.389	1.334	1.285	1.243	1.206	1.174	1.147	1.125	1.1C7	1.093	1.084	1.078	1.076
4.	1.387	1.334	1.286	1.244	1.208	1.177	1.15C	1.128	1.111	1.097	1.088	1.082	1.080
6.	1.381	1.329	1.283	1.243	1.207	1.177	1.151	1.13C	1.113	1.099	1.090	1.084	1.083
8.	1.370	1.321	1.277	1.238	1.204	1.175	1.15C	1.129	1.113	1.100	1.091	1.085	1.084
1C.	1.356	1.309	1.268	1.231	1.198	1.17C	1.147	1.127	1.111	1.099	1.090	1.085	1.083
12.	1.338	1.295	1.256	1.221	1.191	1.164	1.142	1.123	1.1C8	1.096	1.088	1.083	1.081
14.	1.318	1.278	1.242	1.210	1.181	1.157	1.135	1.118	1.1C3	1.092	1.084	1.080	1.078
16.	1.296	1.260	1.227	1.197	1.171	1.148	1.128	1.111	1.098	1.087	1.080	1.076	1.074
18.	1.274	1.241	1.210	1.183	1.159	1.138	1.119	1.1C4	1.091	1.082	1.075	1.071	1.069
2C.	1.25C	1.220	1.193	1.168	1.146	1.127	1.11C	1.C96	1.084	1.075	1.069	1.065	1.064
22.	1.227	1.200	1.176	1.153	1.133	1.116	1.1CC	1.C87	1.076	1.068	1.062	1.059	1.058
24.	1.2C4	1.180	1.158	1.138	1.120	1.1C4	1.C9C	1.C78	1.068	1.061	1.055	1.052	1.051
26.	1.182	1.161	1.142	1.124	1.107	1.093	1.C8C	1.C69	1.060	1.053	1.048	1.046	1.045
28.	1.161	1.143	1.125	1.109	1.095	1.082	1.07C	1.060	1.052	1.046	1.041	1.039	1.038
3C.	1.142	1.125	1.110	1.096	1.083	1.071	1.C6C	1.052	1.044	1.039	1.035	1.032	1.031
32.	1.124	1.109	1.096	1.083	1.071	1.061	1.C51	1.C43	1.037	1.032	1.028	1.026	1.025
34.	1.1C7	1.095	1.083	1.071	1.061	1.051	1.043	1.C36	1.030	1.025	1.022	1.020	1.019
36.	1.093	1.082	1.071	1.061	1.051	1.043	1.035	1.029	1.023	1.019	1.016	1.014	1.013
38.	1.08C	1.070	1.060	1.051	1.043	1.035	1.C28	1.C22	1.017	1.014	1.011	1.009	1.008
4C.	1.069	1.060	1.052	1.043	1.036	1.029	1.022	1.C17	1.012	1.009	1.006	1.005	1.004
42.	1.060	1.052	1.044	1.037	1.030	1.023	1.C17	1.C12	1.0C8	1.005	1.002	1.001	1.000
44.	1.053	1.046	1.039	1.032	1.025	1.019	1.C14	1.CC9	1.0C5	1.002	0.999	0.998	0.997
46.	1.048	1.041	1.035	1.028	1.022	1.016	1.011	1.CC6	1.0C2	0.999	0.997	0.996	0.995
48.	1.046	1.039	1.032	1.026	1.020	1.014	1.0C9	1.CC5	1.0C1	0.998	0.996	0.995	0.994
5C.	1.045	1.038	1.031	1.025	1.019	1.013	1.CC8	1.CC4	1.0CC	0.997	0.995	0.994	0.994

ROOM HEIGHT 70.0 DETECTOR HEIGHT 24.0

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	2.067	2.064	2.041	2.001	1.948	1.885	1.815	1.743	1.670	1.598	1.530	1.467	1.408
2.	2.064	2.060	2.038	1.999	1.946	1.884	1.815	1.743	1.671	1.601	1.533	1.470	1.412
4.	2.041	2.038	2.017	1.979	1.929	1.869	1.803	1.733	1.663	1.594	1.529	1.467	1.410
6.	2.001	1.999	1.979	1.945	1.898	1.841	1.778	1.713	1.646	1.581	1.518	1.458	1.403
8.	1.948	1.946	1.929	1.898	1.855	1.803	1.745	1.683	1.621	1.560	1.501	1.444	1.392
10.	1.885	1.884	1.869	1.841	1.803	1.756	1.703	1.647	1.590	1.533	1.478	1.426	1.377
12.	1.815	1.815	1.803	1.778	1.745	1.703	1.656	1.606	1.554	1.503	1.452	1.404	1.358
14.	1.743	1.743	1.733	1.713	1.683	1.647	1.606	1.562	1.515	1.469	1.423	1.379	1.337
16.	1.670	1.671	1.663	1.646	1.621	1.590	1.554	1.515	1.475	1.433	1.392	1.352	1.315
18.	1.598	1.601	1.594	1.581	1.560	1.533	1.503	1.469	1.433	1.397	1.360	1.325	1.291
20.	1.530	1.533	1.529	1.518	1.501	1.478	1.452	1.423	1.392	1.360	1.328	1.297	1.266
22.	1.467	1.470	1.467	1.458	1.444	1.426	1.404	1.379	1.352	1.325	1.297	1.269	1.242
24.	1.408	1.412	1.410	1.403	1.392	1.377	1.358	1.337	1.315	1.291	1.266	1.242	1.218
26.	1.354	1.358	1.358	1.353	1.344	1.331	1.316	1.298	1.279	1.258	1.237	1.216	1.195
28.	1.305	1.310	1.310	1.307	1.300	1.290	1.277	1.262	1.246	1.228	1.210	1.191	1.173
30.	1.262	1.267	1.268	1.266	1.260	1.252	1.242	1.230	1.216	1.201	1.185	1.169	1.153
32.	1.223	1.228	1.230	1.229	1.225	1.219	1.210	1.200	1.188	1.175	1.162	1.148	1.134
34.	1.189	1.195	1.197	1.197	1.194	1.189	1.182	1.174	1.164	1.153	1.141	1.129	1.117
36.	1.160	1.165	1.168	1.169	1.167	1.163	1.158	1.151	1.142	1.133	1.123	1.112	1.102
38.	1.135	1.141	1.144	1.145	1.144	1.141	1.137	1.131	1.124	1.116	1.107	1.098	1.088
40.	1.114	1.120	1.124	1.125	1.125	1.123	1.119	1.114	1.108	1.102	1.094	1.086	1.077
42.	1.098	1.103	1.107	1.109	1.109	1.108	1.105	1.101	1.096	1.090	1.083	1.076	1.068
44.	1.085	1.091	1.094	1.097	1.097	1.096	1.094	1.091	1.086	1.081	1.074	1.068	1.061
46.	1.076	1.082	1.086	1.088	1.089	1.088	1.086	1.083	1.079	1.074	1.068	1.062	1.056
48.	1.070	1.076	1.080	1.083	1.084	1.083	1.082	1.079	1.075	1.070	1.065	1.059	1.052
50.	1.069	1.074	1.078	1.081	1.082	1.082	1.081	1.077	1.073	1.069	1.063	1.058	1.051

ROOM HEIGHT 70.0 DETECTOR HEIGHT 26.0

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	1.902	1.901	1.885	1.856	1.817	1.768	1.714	1.656	1.597	1.538	1.481	1.426	1.375
2.	1.901	1.900	1.885	1.856	1.817	1.769	1.715	1.658	1.599	1.541	1.484	1.430	1.379
4.	1.885	1.885	1.870	1.842	1.805	1.758	1.706	1.651	1.594	1.537	1.481	1.428	1.379
6.	1.856	1.856	1.842	1.817	1.781	1.737	1.688	1.635	1.580	1.526	1.473	1.422	1.374
8.	1.817	1.817	1.805	1.781	1.748	1.707	1.661	1.612	1.560	1.509	1.458	1.410	1.364
10.	1.768	1.769	1.758	1.737	1.707	1.670	1.628	1.582	1.535	1.487	1.440	1.394	1.351
12.	1.714	1.715	1.706	1.688	1.661	1.628	1.590	1.548	1.505	1.461	1.417	1.375	1.335
14.	1.656	1.658	1.651	1.635	1.612	1.582	1.548	1.511	1.472	1.432	1.392	1.354	1.316
16.	1.597	1.599	1.594	1.580	1.560	1.535	1.505	1.472	1.437	1.401	1.365	1.330	1.296
18.	1.538	1.541	1.537	1.526	1.509	1.487	1.461	1.432	1.401	1.369	1.337	1.305	1.275
20.	1.481	1.484	1.481	1.473	1.458	1.440	1.417	1.392	1.365	1.337	1.308	1.280	1.252
22.	1.426	1.430	1.428	1.422	1.410	1.394	1.375	1.354	1.330	1.305	1.280	1.255	1.230
24.	1.375	1.379	1.379	1.374	1.364	1.351	1.335	1.316	1.296	1.275	1.252	1.230	1.208
26.	1.328	1.332	1.333	1.329	1.321	1.311	1.297	1.281	1.264	1.245	1.226	1.206	1.187
28.	1.285	1.289	1.290	1.288	1.282	1.273	1.262	1.249	1.234	1.218	1.201	1.184	1.167
30.	1.245	1.250	1.252	1.251	1.246	1.239	1.230	1.219	1.206	1.192	1.178	1.163	1.148
32.	1.210	1.216	1.218	1.217	1.214	1.208	1.201	1.191	1.181	1.169	1.156	1.143	1.130
34.	1.179	1.185	1.187	1.188	1.185	1.181	1.175	1.167	1.158	1.148	1.137	1.125	1.114
36.	1.152	1.158	1.161	1.162	1.160	1.157	1.152	1.146	1.138	1.129	1.120	1.110	1.099
38.	1.129	1.135	1.138	1.139	1.139	1.137	1.133	1.127	1.121	1.113	1.105	1.096	1.087
40.	1.110	1.116	1.119	1.121	1.121	1.119	1.116	1.111	1.106	1.099	1.092	1.084	1.076
42.	1.094	1.100	1.104	1.106	1.106	1.105	1.103	1.099	1.094	1.088	1.082	1.075	1.067
44.	1.082	1.088	1.092	1.094	1.095	1.094	1.092	1.089	1.085	1.079	1.074	1.067	1.060
46.	1.074	1.079	1.083	1.086	1.087	1.086	1.085	1.082	1.078	1.073	1.068	1.062	1.055
48.	1.068	1.074	1.078	1.081	1.082	1.082	1.081	1.078	1.074	1.069	1.064	1.059	1.053
50.	1.067	1.073	1.077	1.079	1.080	1.080	1.079	1.076	1.073	1.068	1.063	1.058	1.052

ROOM HEIGHT 70.0 DETECTOR HEIGHT 24.C

X/Y	26.	28.	30.	32.	34.	36.	38.	4C.	42.	44.	46.	48.	5C.
C.	1.354	1.305	1.262	1.223	1.189	1.16C	1.135	1.114	1.098	1.085	1.076	1.070	1.069
2.	1.358	1.310	1.267	1.228	1.195	1.165	1.141	1.120	1.1C3	1.091	1.082	1.076	1.074
4.	1.358	1.310	1.268	1.230	1.197	1.168	1.144	1.124	1.1C7	1.094	1.086	1.080	1.078
6.	1.353	1.307	1.266	1.229	1.197	1.169	1.145	1.125	1.1C9	1.097	1.088	1.083	1.081
8.	1.344	1.300	1.260	1.225	1.194	1.167	1.144	1.125	1.1C9	1.097	1.089	1.084	1.082
1C.	1.331	1.290	1.252	1.219	1.189	1.163	1.141	1.123	1.1C8	1.096	1.088	1.083	1.082
12.	1.316	1.277	1.242	1.210	1.182	1.158	1.137	1.119	1.1C5	1.094	1.086	1.082	1.080
14.	1.298	1.262	1.230	1.200	1.174	1.151	1.131	1.114	1.1C1	1.091	1.083	1.079	1.077
16.	1.279	1.246	1.216	1.188	1.164	1.142	1.124	1.1C8	1.096	1.086	1.079	1.075	1.073
18.	1.258	1.228	1.201	1.175	1.153	1.133	1.116	1.1C2	1.090	1.081	1.074	1.070	1.069
2C.	1.237	1.210	1.185	1.162	1.141	1.123	1.1C7	1.C94	1.083	1.076	1.068	1.065	1.063
22.	1.216	1.191	1.169	1.148	1.129	1.112	1.C98	1.C86	1.076	1.068	1.062	1.059	1.058
24.	1.195	1.173	1.153	1.134	1.117	1.1C2	1.088	1.077	1.068	1.061	1.056	1.052	1.051
26.	1.175	1.155	1.137	1.120	1.105	1.091	1.079	1.C69	1.060	1.054	1.049	1.046	1.045
28.	1.155	1.138	1.122	1.107	1.093	1.08C	1.069	1.C60	1.052	1.046	1.042	1.039	1.039
3C.	1.137	1.122	1.107	1.094	1.081	1.07C	1.06C	1.052	1.045	1.039	1.035	1.033	1.032
32.	1.120	1.107	1.094	1.082	1.070	1.06C	1.051	1.C44	1.037	1.033	1.029	1.027	1.026
34.	1.1C5	1.093	1.081	1.070	1.060	1.051	1.043	1.036	1.031	1.026	1.023	1.021	1.020
36.	1.091	1.080	1.070	1.060	1.051	1.043	1.C36	1.C30	1.024	1.020	1.017	1.015	1.015
38.	1.079	1.069	1.060	1.051	1.043	1.036	1.029	1.C23	1.019	1.015	1.012	1.011	1.010
4C.	1.C69	1.060	1.052	1.044	1.036	1.03C	1.023	1.C18	1.014	1.010	1.008	1.006	1.006
42.	1.060	1.052	1.045	1.037	1.031	1.024	1.019	1.014	1.010	1.006	1.004	1.003	1.002
44.	1.054	1.046	1.039	1.033	1.026	1.020	1.015	1.010	1.006	1.003	1.001	1.000	0.999
46.	1.049	1.042	1.035	1.029	1.023	1.017	1.012	1.CC8	1.004	1.001	0.999	0.998	0.997
48.	1.046	1.039	1.033	1.027	1.021	1.015	1.011	1.0C6	1.0C3	1.000	0.998	0.996	0.996
5C.	1.045	1.039	1.032	1.026	1.020	1.015	1.C1C	1.0C6	1.0C2	0.999	0.997	0.996	0.996

ROOM HEIGHT 70.0 DETECTOR HEIGHT 26.C

X/Y	26.	28.	30.	32.	34.	36.	38.	4C.	42.	44.	46.	48.	5C.
C.	1.328	1.285	1.245	1.210	1.179	1.152	1.129	1.11C	1.094	1.082	1.074	1.068	1.067
2.	1.332	1.289	1.250	1.216	1.185	1.158	1.135	1.116	1.1C0	1.088	1.079	1.074	1.073
4.	1.333	1.290	1.252	1.218	1.187	1.161	1.138	1.119	1.1C4	1.092	1.083	1.078	1.077
6.	1.329	1.288	1.251	1.217	1.188	1.162	1.139	1.121	1.1C6	1.094	1.086	1.081	1.079
8.	1.321	1.282	1.246	1.214	1.185	1.16C	1.139	1.121	1.1C6	1.095	1.087	1.082	1.080
1C.	1.311	1.273	1.239	1.208	1.181	1.157	1.137	1.119	1.1C5	1.094	1.086	1.082	1.080
12.	1.297	1.262	1.230	1.201	1.175	1.152	1.133	1.116	1.1C3	1.092	1.085	1.080	1.079
14.	1.281	1.249	1.219	1.191	1.167	1.146	1.127	1.111	1.099	1.089	1.082	1.078	1.076
16.	1.264	1.234	1.206	1.181	1.158	1.138	1.121	1.1C6	1.094	1.085	1.078	1.074	1.073
18.	1.245	1.218	1.192	1.169	1.148	1.129	1.113	1.C99	1.088	1.079	1.073	1.069	1.068
2C.	1.226	1.201	1.178	1.156	1.137	1.12C	1.1C5	1.C92	1.082	1.074	1.068	1.064	1.063
22.	1.2C6	1.184	1.163	1.143	1.125	1.11C	1.096	1.C84	1.075	1.067	1.062	1.059	1.058
24.	1.187	1.167	1.148	1.130	1.114	1.099	1.087	1.C76	1.067	1.060	1.055	1.053	1.052
26.	1.168	1.150	1.133	1.117	1.102	1.089	1.078	1.C68	1.060	1.053	1.049	1.046	1.045
28.	1.150	1.134	1.118	1.104	1.091	1.079	1.C69	1.060	1.052	1.047	1.042	1.040	1.039
3C.	1.133	1.118	1.105	1.092	1.080	1.069	1.C6C	1.C52	1.045	1.040	1.036	1.034	1.033
32.	1.117	1.104	1.092	1.080	1.070	1.06C	1.051	1.C44	1.038	1.033	1.030	1.028	1.027
34.	1.1C2	1.091	1.080	1.070	1.060	1.051	1.044	1.C37	1.031	1.027	1.024	1.022	1.021
36.	1.089	1.079	1.069	1.060	1.051	1.043	1.C36	1.C30	1.025	1.021	1.018	1.016	1.016
38.	1.078	1.069	1.060	1.051	1.044	1.036	1.03C	1.C24	1.020	1.016	1.013	1.012	1.011
4C.	1.068	1.060	1.052	1.044	1.037	1.030	1.024	1.C19	1.015	1.011	1.009	1.008	1.007
42.	1.060	1.052	1.045	1.038	1.031	1.025	1.C2C	1.C15	1.011	1.008	1.005	1.004	1.004
44.	1.053	1.047	1.040	1.033	1.027	1.021	1.016	1.C11	1.0C8	1.005	1.003	1.001	1.001
46.	1.049	1.042	1.036	1.030	1.024	1.018	1.013	1.CC9	1.0C5	1.0C3	1.000	0.999	0.999
48.	1.046	1.040	1.034	1.028	1.022	1.016	1.C12	1.CC8	1.0C4	1.001	0.999	0.998	0.998
5C.	1.045	1.039	1.033	1.027	1.021	1.016	1.011	1.CC7	1.0C4	1.001	0.999	0.998	0.997

ROOM HEIGHT 70.0 DETECTOR HEIGHT 28.0

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	1.783	1.784	1.773	1.751	1.720	1.682	1.638	1.590	1.541	1.491	1.442	1.395	1.349
2.	1.784	1.784	1.773	1.752	1.721	1.683	1.640	1.593	1.544	1.495	1.446	1.399	1.354
4.	1.773	1.773	1.763	1.742	1.712	1.676	1.634	1.588	1.540	1.492	1.444	1.398	1.354
6.	1.751	1.752	1.742	1.723	1.694	1.659	1.619	1.575	1.529	1.483	1.437	1.392	1.350
8.	1.720	1.721	1.712	1.694	1.668	1.636	1.598	1.556	1.513	1.469	1.425	1.382	1.342
10.	1.682	1.683	1.676	1.659	1.636	1.606	1.571	1.532	1.492	1.450	1.409	1.369	1.330
12.	1.638	1.640	1.634	1.619	1.598	1.571	1.539	1.504	1.466	1.428	1.390	1.352	1.316
14.	1.590	1.593	1.588	1.575	1.556	1.532	1.504	1.472	1.438	1.403	1.368	1.333	1.299
16.	1.541	1.544	1.540	1.529	1.513	1.492	1.466	1.438	1.407	1.376	1.344	1.312	1.281
18.	1.491	1.495	1.492	1.483	1.469	1.450	1.428	1.403	1.376	1.347	1.318	1.289	1.261
20.	1.442	1.446	1.444	1.437	1.425	1.409	1.390	1.368	1.344	1.318	1.292	1.266	1.241
22.	1.395	1.399	1.398	1.392	1.382	1.369	1.352	1.333	1.312	1.289	1.266	1.243	1.221
24.	1.349	1.354	1.354	1.350	1.342	1.330	1.316	1.299	1.281	1.261	1.241	1.221	1.200
26.	1.307	1.312	1.312	1.309	1.303	1.294	1.282	1.267	1.251	1.234	1.217	1.198	1.180
28.	1.268	1.273	1.274	1.272	1.267	1.260	1.249	1.237	1.224	1.209	1.193	1.177	1.161
30.	1.232	1.237	1.239	1.238	1.234	1.228	1.220	1.210	1.198	1.185	1.171	1.157	1.143
32.	1.200	1.205	1.208	1.207	1.205	1.200	1.193	1.184	1.174	1.163	1.151	1.139	1.126
34.	1.171	1.177	1.179	1.180	1.178	1.174	1.169	1.161	1.153	1.143	1.133	1.122	1.111
36.	1.146	1.151	1.155	1.156	1.155	1.152	1.147	1.141	1.134	1.126	1.117	1.107	1.098
38.	1.124	1.130	1.133	1.135	1.135	1.132	1.129	1.124	1.118	1.110	1.103	1.094	1.085
40.	1.106	1.112	1.115	1.117	1.117	1.116	1.113	1.109	1.104	1.097	1.090	1.083	1.075
42.	1.091	1.097	1.101	1.103	1.104	1.103	1.100	1.097	1.092	1.087	1.081	1.074	1.067
44.	1.080	1.086	1.090	1.092	1.093	1.092	1.090	1.087	1.083	1.078	1.073	1.067	1.060
46.	1.072	1.077	1.082	1.084	1.085	1.085	1.083	1.081	1.077	1.072	1.067	1.061	1.055
48.	1.067	1.073	1.077	1.079	1.081	1.081	1.079	1.077	1.073	1.069	1.064	1.058	1.052
50.	1.065	1.071	1.075	1.078	1.079	1.079	1.078	1.075	1.072	1.068	1.063	1.057	1.051

ROOM HEIGHT 70.0 DETECTOR HEIGHT 30.0

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	1.701	1.702	1.694	1.677	1.652	1.620	1.583	1.543	1.500	1.457	1.413	1.371	1.330
2.	1.702	1.704	1.696	1.679	1.654	1.623	1.586	1.546	1.504	1.461	1.417	1.375	1.335
4.	1.694	1.696	1.688	1.672	1.648	1.617	1.582	1.542	1.501	1.459	1.416	1.375	1.335
6.	1.677	1.679	1.672	1.656	1.633	1.604	1.570	1.532	1.492	1.452	1.411	1.370	1.332
8.	1.652	1.654	1.648	1.633	1.612	1.584	1.552	1.516	1.478	1.439	1.400	1.362	1.325
10.	1.620	1.623	1.617	1.604	1.584	1.559	1.529	1.495	1.460	1.423	1.386	1.350	1.314
12.	1.583	1.586	1.582	1.570	1.552	1.529	1.501	1.471	1.438	1.403	1.369	1.335	1.302
14.	1.543	1.546	1.542	1.532	1.516	1.495	1.471	1.443	1.412	1.381	1.349	1.317	1.286
16.	1.500	1.504	1.501	1.492	1.478	1.460	1.438	1.412	1.385	1.356	1.327	1.298	1.269
18.	1.457	1.461	1.459	1.452	1.439	1.423	1.403	1.381	1.356	1.331	1.304	1.277	1.251
20.	1.413	1.417	1.416	1.411	1.400	1.386	1.369	1.349	1.327	1.304	1.280	1.256	1.232
22.	1.371	1.375	1.375	1.370	1.362	1.350	1.335	1.317	1.298	1.277	1.256	1.235	1.213
24.	1.330	1.335	1.335	1.332	1.325	1.314	1.302	1.286	1.269	1.251	1.232	1.213	1.194
26.	1.291	1.296	1.297	1.295	1.289	1.281	1.270	1.257	1.242	1.226	1.209	1.192	1.175
28.	1.255	1.260	1.262	1.260	1.256	1.249	1.240	1.229	1.216	1.202	1.187	1.172	1.157
30.	1.222	1.227	1.229	1.229	1.226	1.220	1.212	1.203	1.192	1.180	1.167	1.153	1.140
32.	1.192	1.197	1.200	1.200	1.198	1.193	1.187	1.179	1.169	1.159	1.148	1.136	1.124
34.	1.165	1.170	1.173	1.174	1.172	1.169	1.164	1.157	1.149	1.140	1.130	1.120	1.109
36.	1.141	1.146	1.150	1.151	1.150	1.148	1.144	1.138	1.131	1.123	1.115	1.105	1.096
38.	1.120	1.126	1.130	1.131	1.131	1.129	1.126	1.121	1.115	1.108	1.101	1.093	1.084
40.	1.103	1.109	1.113	1.115	1.115	1.114	1.111	1.107	1.102	1.096	1.089	1.082	1.074
42.	1.089	1.095	1.099	1.101	1.102	1.101	1.099	1.095	1.091	1.086	1.080	1.073	1.066
44.	1.078	1.084	1.088	1.090	1.091	1.091	1.089	1.086	1.082	1.078	1.072	1.066	1.060
46.	1.070	1.076	1.080	1.083	1.084	1.084	1.082	1.080	1.076	1.072	1.067	1.061	1.055
48.	1.065	1.071	1.075	1.078	1.080	1.079	1.078	1.076	1.072	1.068	1.063	1.058	1.052
50.	1.064	1.070	1.074	1.077	1.078	1.078	1.077	1.075	1.071	1.067	1.062	1.057	1.051

ROOM HEIGHT			70.0		DETECTOR HEIGHT			28.C					
X/Y	26.	28.	30.	32.	34.	36.	38.	4C.	42.	44.	46.	48.	50.
C.	1.3C7	1.268	1.232	1.200	1.171	1.146	1.124	1.1C6	1.091	1.080	1.072	1.067	1.065
2.	1.312	1.273	1.237	1.205	1.177	1.151	1.13C	1.112	1.097	1.086	1.077	1.073	1.071
4.	1.312	1.274	1.239	1.208	1.179	1.155	1.133	1.115	1.1C1	1.090	1.082	1.077	1.075
6.	1.3C9	1.272	1.238	1.207	1.180	1.156	1.135	1.117	1.1C3	1.092	1.084	1.079	1.078
8.	1.3C3	1.267	1.234	1.205	1.178	1.155	1.135	1.117	1.1C4	1.093	1.085	1.081	1.079
1C.	1.294	1.260	1.228	1.200	1.174	1.152	1.132	1.116	1.1C3	1.092	1.085	1.081	1.079
12.	1.282	1.249	1.220	1.193	1.169	1.147	1.129	1.113	1.1C0	1.090	1.083	1.079	1.078
14.	1.267	1.237	1.210	1.184	1.161	1.141	1.124	1.1C9	1.097	1.087	1.081	1.077	1.075
16.	1.251	1.224	1.198	1.174	1.153	1.134	1.118	1.1C4	1.092	1.083	1.077	1.073	1.072
18.	1.234	1.209	1.185	1.163	1.143	1.126	1.11C	1.097	1.087	1.078	1.072	1.069	1.068
2C.	1.217	1.193	1.171	1.151	1.133	1.117	1.1C3	1.C9C	1.081	1.073	1.067	1.064	1.063
22.	1.198	1.177	1.157	1.139	1.122	1.107	1.C94	1.C83	1.074	1.067	1.061	1.058	1.057
24.	1.180	1.161	1.143	1.126	1.111	1.098	1.C85	1.C75	1.067	1.060	1.055	1.052	1.051
26.	1.162	1.145	1.129	1.114	1.100	1.088	1.077	1.C67	1.059	1.053	1.049	1.046	1.045
28.	1.145	1.130	1.115	1.102	1.089	1.078	1.C68	1.C59	1.052	1.047	1.043	1.040	1.039
3C.	1.129	1.115	1.102	1.090	1.079	1.068	1.C59	1.C52	1.045	1.040	1.036	1.034	1.033
32.	1.114	1.102	1.090	1.079	1.069	1.059	1.051	1.C44	1.038	1.033	1.030	1.028	1.027
34.	1.100	1.089	1.079	1.069	1.060	1.051	1.044	1.037	1.032	1.027	1.024	1.022	1.022
36.	1.088	1.078	1.068	1.059	1.051	1.043	1.C37	1.C31	1.026	1.022	1.019	1.017	1.017
38.	1.077	1.068	1.059	1.051	1.044	1.037	1.030	1.C25	1.020	1.017	1.014	1.013	1.012
4C.	1.067	1.059	1.052	1.044	1.037	1.031	1.025	1.C20	1.016	1.012	1.010	1.008	1.008
42.	1.059	1.052	1.045	1.038	1.032	1.026	1.C2C	1.C16	1.012	1.009	1.006	1.005	1.005
44.	1.053	1.047	1.040	1.033	1.027	1.022	1.017	1.C12	1.0C9	1.006	1.004	1.002	1.002
46.	1.049	1.043	1.036	1.030	1.024	1.019	1.014	1.C1C	1.0C6	1.004	1.002	1.000	1.000
48.	1.046	1.040	1.034	1.028	1.022	1.017	1.013	1.0C8	1.0C5	1.002	1.000	0.999	0.999
50.	1.045	1.039	1.033	1.027	1.022	1.017	1.012	1.0C8	1.0C5	1.0C2	1.000	0.999	0.998

ROOM HEIGHT			70.0		DETECTOR HEIGHT			30.0					
X/Y	26.	28.	30.	32.	34.	36.	38.	4C.	42.	44.	46.	48.	50.
0.	1.291	1.255	1.222	1.192	1.165	1.141	1.12C	1.1C3	1.089	1.078	1.070	1.065	1.064
2.	1.296	1.260	1.227	1.197	1.170	1.146	1.126	1.1C9	1.095	1.084	1.076	1.071	1.070
4.	1.297	1.262	1.229	1.200	1.173	1.15C	1.130	1.113	1.099	1.088	1.080	1.075	1.074
6.	1.295	1.260	1.229	1.200	1.174	1.151	1.131	1.115	1.1C1	1.090	1.083	1.078	1.077
8.	1.289	1.256	1.226	1.198	1.172	1.15C	1.131	1.115	1.1C2	1.091	1.084	1.080	1.078
1C.	1.281	1.249	1.220	1.193	1.169	1.148	1.129	1.114	1.1C1	1.091	1.084	1.079	1.078
12.	1.270	1.240	1.212	1.187	1.164	1.144	1.126	1.111	1.099	1.089	1.082	1.078	1.077
14.	1.257	1.229	1.203	1.179	1.157	1.138	1.121	1.1C7	1.095	1.086	1.080	1.076	1.075
16.	1.242	1.216	1.192	1.169	1.149	1.131	1.115	1.1C2	1.091	1.082	1.076	1.072	1.071
18.	1.226	1.202	1.180	1.159	1.140	1.123	1.1C8	1.C96	1.086	1.078	1.072	1.068	1.067
2C.	1.2C9	1.187	1.167	1.148	1.130	1.115	1.1C1	1.C89	1.08C	1.072	1.067	1.063	1.062
22.	1.192	1.172	1.153	1.136	1.120	1.1C5	1.C93	1.C82	1.073	1.066	1.061	1.058	1.057
24.	1.175	1.157	1.140	1.124	1.109	1.096	1.C84	1.C74	1.066	1.060	1.055	1.052	1.051
26.	1.158	1.142	1.126	1.112	1.098	1.086	1.076	1.C67	1.059	1.053	1.049	1.046	1.046
28.	1.142	1.127	1.113	1.100	1.088	1.077	1.C67	1.C59	1.052	1.047	1.043	1.040	1.040
30.	1.126	1.113	1.101	1.089	1.078	1.068	1.059	1.C51	1.045	1.040	1.036	1.034	1.034
32.	1.112	1.100	1.089	1.078	1.068	1.059	1.051	1.C44	1.038	1.034	1.030	1.028	1.028
34.	1.098	1.088	1.078	1.068	1.059	1.051	1.C44	1.C37	1.032	1.028	1.025	1.023	1.022
36.	1.086	1.077	1.068	1.059	1.051	1.043	1.C37	1.C31	1.026	1.022	1.020	1.018	1.017
38.	1.076	1.067	1.059	1.051	1.044	1.037	1.031	1.C25	1.021	1.017	1.015	1.013	1.013
4C.	1.067	1.059	1.051	1.044	1.037	1.031	1.C25	1.C20	1.016	1.013	1.011	1.009	1.009
42.	1.059	1.052	1.045	1.038	1.032	1.026	1.C21	1.C16	1.012	1.0C9	1.007	1.006	1.005
44.	1.053	1.047	1.040	1.034	1.028	1.022	1.017	1.C13	1.0C9	1.006	1.004	1.003	1.003
46.	1.049	1.043	1.036	1.030	1.025	1.02C	1.015	1.C11	1.0C7	1.004	1.002	1.001	1.001
48.	1.046	1.040	1.034	1.028	1.023	1.018	1.013	1.CC9	1.0C6	1.003	1.001	1.000	1.000
50.	1.046	1.040	1.034	1.028	1.022	1.017	1.C13	1.CC9	1.0C5	1.003	1.001	1.000	0.999

ROOM HEIGHT 70.0 DETECTOR HEIGHT 32.0

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	1.649	1.651	1.645	1.630	1.609	1.581	1.548	1.512	1.474	1.434	1.395	1.355	1.317
2.	1.651	1.653	1.647	1.632	1.611	1.584	1.552	1.516	1.478	1.438	1.399	1.360	1.322
4.	1.645	1.647	1.641	1.627	1.606	1.579	1.548	1.513	1.476	1.437	1.398	1.360	1.323
6.	1.630	1.632	1.627	1.614	1.594	1.568	1.538	1.504	1.468	1.431	1.393	1.356	1.320
8.	1.609	1.611	1.606	1.594	1.575	1.551	1.522	1.490	1.456	1.420	1.384	1.348	1.313
10.	1.581	1.584	1.579	1.568	1.551	1.528	1.502	1.471	1.439	1.405	1.371	1.337	1.304
12.	1.548	1.552	1.548	1.538	1.522	1.502	1.477	1.449	1.419	1.387	1.355	1.323	1.292
14.	1.512	1.516	1.513	1.504	1.490	1.471	1.449	1.423	1.396	1.366	1.337	1.307	1.278
16.	1.474	1.478	1.476	1.468	1.456	1.439	1.419	1.396	1.370	1.344	1.316	1.289	1.262
18.	1.434	1.438	1.437	1.431	1.420	1.405	1.387	1.366	1.344	1.319	1.294	1.269	1.245
20.	1.395	1.399	1.398	1.393	1.384	1.371	1.355	1.337	1.316	1.294	1.272	1.249	1.227
22.	1.355	1.360	1.360	1.356	1.348	1.337	1.323	1.307	1.289	1.269	1.249	1.229	1.208
24.	1.317	1.322	1.323	1.320	1.313	1.304	1.292	1.278	1.262	1.245	1.227	1.208	1.190
26.	1.281	1.286	1.287	1.285	1.280	1.272	1.262	1.250	1.236	1.221	1.205	1.188	1.172
28.	1.247	1.252	1.254	1.253	1.249	1.242	1.233	1.223	1.211	1.198	1.183	1.169	1.154
30.	1.215	1.220	1.223	1.222	1.219	1.214	1.207	1.198	1.187	1.176	1.163	1.151	1.137
32.	1.186	1.192	1.196	1.195	1.193	1.189	1.183	1.175	1.166	1.156	1.145	1.136	1.122
34.	1.160	1.166	1.169	1.170	1.169	1.165	1.161	1.154	1.146	1.138	1.128	1.118	1.108
36.	1.138	1.143	1.147	1.148	1.147	1.145	1.141	1.136	1.129	1.121	1.113	1.104	1.095
38.	1.118	1.123	1.127	1.129	1.129	1.127	1.124	1.119	1.114	1.107	1.100	1.092	1.084
40.	1.101	1.107	1.110	1.113	1.113	1.112	1.109	1.106	1.101	1.095	1.088	1.081	1.074
42.	1.087	1.093	1.097	1.099	1.100	1.099	1.097	1.094	1.090	1.085	1.079	1.073	1.066
44.	1.077	1.082	1.086	1.089	1.090	1.090	1.088	1.085	1.082	1.077	1.072	1.066	1.059
46.	1.069	1.075	1.079	1.082	1.083	1.083	1.082	1.079	1.076	1.071	1.066	1.061	1.055
48.	1.064	1.070	1.075	1.077	1.079	1.079	1.078	1.075	1.072	1.068	1.063	1.058	1.052
50.	1.063	1.069	1.073	1.076	1.077	1.077	1.076	1.074	1.071	1.067	1.062	1.057	1.051

ROOM HEIGHT 70.0 DETECTOR HEIGHT 34.0

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	1.624	1.626	1.621	1.607	1.587	1.562	1.531	1.497	1.461	1.423	1.385	1.347	1.311
2.	1.626	1.629	1.623	1.610	1.590	1.565	1.535	1.501	1.465	1.427	1.389	1.352	1.315
4.	1.621	1.623	1.618	1.605	1.586	1.561	1.531	1.499	1.463	1.426	1.389	1.352	1.316
6.	1.607	1.610	1.605	1.593	1.575	1.551	1.522	1.490	1.456	1.421	1.384	1.349	1.314
8.	1.587	1.590	1.586	1.575	1.557	1.535	1.508	1.477	1.445	1.410	1.376	1.341	1.308
10.	1.562	1.565	1.561	1.551	1.535	1.514	1.488	1.460	1.429	1.396	1.364	1.331	1.299
12.	1.531	1.535	1.531	1.522	1.508	1.488	1.465	1.438	1.409	1.379	1.348	1.317	1.287
14.	1.497	1.501	1.499	1.490	1.477	1.460	1.438	1.414	1.387	1.359	1.330	1.302	1.273
16.	1.461	1.465	1.463	1.456	1.445	1.429	1.409	1.387	1.363	1.337	1.311	1.284	1.258
18.	1.423	1.427	1.426	1.421	1.410	1.396	1.379	1.359	1.337	1.314	1.290	1.265	1.241
20.	1.385	1.389	1.389	1.384	1.376	1.364	1.348	1.330	1.311	1.290	1.268	1.246	1.224
22.	1.347	1.352	1.352	1.349	1.341	1.331	1.317	1.302	1.284	1.265	1.246	1.226	1.206
24.	1.311	1.315	1.316	1.314	1.308	1.299	1.287	1.273	1.258	1.241	1.224	1.206	1.188
26.	1.275	1.280	1.282	1.280	1.275	1.268	1.258	1.246	1.232	1.218	1.202	1.186	1.170
28.	1.242	1.247	1.249	1.249	1.245	1.239	1.230	1.220	1.208	1.195	1.181	1.167	1.153
30.	1.212	1.217	1.219	1.219	1.216	1.211	1.204	1.196	1.185	1.174	1.162	1.149	1.136
32.	1.184	1.189	1.192	1.192	1.190	1.186	1.180	1.173	1.164	1.154	1.144	1.132	1.121
34.	1.158	1.164	1.167	1.168	1.167	1.164	1.159	1.153	1.145	1.136	1.127	1.117	1.107
36.	1.136	1.141	1.145	1.146	1.146	1.144	1.140	1.134	1.128	1.120	1.112	1.103	1.094
38.	1.116	1.122	1.126	1.128	1.128	1.126	1.123	1.118	1.113	1.106	1.099	1.091	1.083
40.	1.100	1.106	1.109	1.112	1.112	1.111	1.109	1.105	1.100	1.094	1.088	1.081	1.074
42.	1.086	1.092	1.096	1.099	1.099	1.099	1.097	1.094	1.089	1.084	1.079	1.072	1.066
44.	1.076	1.082	1.086	1.088	1.090	1.089	1.088	1.085	1.081	1.077	1.071	1.066	1.059
46.	1.068	1.074	1.078	1.081	1.082	1.082	1.081	1.079	1.075	1.071	1.066	1.061	1.055
48.	1.064	1.070	1.074	1.077	1.078	1.078	1.077	1.075	1.072	1.068	1.063	1.058	1.052
50.	1.062	1.068	1.073	1.075	1.077	1.077	1.076	1.074	1.071	1.067	1.062	1.057	1.051

ROOM HEIGHT 70.0 DETECTOR HEIGHT 32.C

X/Y	26.	28.	30.	32.	34.	36.	38.	4C.	42.	44.	46.	48.	5C.
C.	1.281	1.247	1.215	1.186	1.160	1.138	1.118	1.1C1	1.087	1.077	1.069	1.064	1.063
2.	1.286	1.252	1.220	1.192	1.166	1.143	1.123	1.1C7	1.093	1.082	1.075	1.070	1.069
4.	1.287	1.254	1.223	1.194	1.169	1.147	1.127	1.11C	1.097	1.086	1.079	1.075	1.073
6.	1.285	1.253	1.222	1.195	1.170	1.148	1.129	1.113	1.099	1.089	1.082	1.077	1.076
8.	1.28C	1.249	1.219	1.193	1.169	1.147	1.129	1.113	1.1C0	1.090	1.083	1.079	1.077
1C.	1.272	1.242	1.214	1.189	1.165	1.145	1.127	1.112	1.099	1.090	1.083	1.079	1.077
12.	1.262	1.233	1.207	1.183	1.161	1.141	1.124	1.1C9	1.097	1.088	1.082	1.078	1.076
14.	1.25C	1.223	1.198	1.175	1.154	1.136	1.119	1.1C6	1.094	1.085	1.079	1.075	1.074
16.	1.236	1.211	1.187	1.166	1.146	1.129	1.114	1.1C1	1.090	1.082	1.076	1.072	1.071
18.	1.221	1.198	1.176	1.156	1.138	1.121	1.1C7	1.095	1.085	1.077	1.071	1.068	1.067
2C.	1.2C5	1.183	1.163	1.145	1.128	1.113	1.1CC	1.C98	1.079	1.072	1.066	1.063	1.062
22.	1.188	1.169	1.151	1.134	1.118	1.1C4	1.C92	1.C81	1.073	1.066	1.061	1.058	1.057
24.	1.172	1.154	1.137	1.122	1.108	1.095	1.C84	1.C74	1.066	1.059	1.055	1.052	1.051
26.	1.155	1.139	1.124	1.110	1.097	1.086	1.C75	1.C66	1.C59	1.053	1.049	1.046	1.046
28.	1.139	1.125	1.112	1.099	1.087	1.076	1.C67	1.C59	1.052	1.047	1.043	1.040	1.040
3C.	1.124	1.112	1.099	1.088	1.077	1.067	1.059	1.C51	1.045	1.040	1.037	1.034	1.034
32.	1.110	1.099	1.088	1.077	1.068	1.059	1.C51	1.C44	1.038	1.034	1.031	1.029	1.028
34.	1.097	1.087	1.077	1.068	1.059	1.051	1.C44	1.C37	1.C32	1.028	1.025	1.023	1.023
36.	1.086	1.076	1.067	1.059	1.051	1.043	1.037	1.C31	1.026	1.023	1.020	1.018	1.018
38.	1.075	1.067	1.059	1.051	1.044	1.037	1.C31	1.C26	1.021	1.018	1.015	1.014	1.013
4C.	1.066	1.059	1.051	1.044	1.037	1.031	1.C26	1.C21	1.017	1.013	1.011	1.010	1.009
42.	1.059	1.052	1.045	1.038	1.032	1.026	1.C21	1.C17	1.013	1.010	1.008	1.006	1.006
44.	1.053	1.047	1.040	1.034	1.028	1.023	1.018	1.C13	1.010	1.007	1.005	1.004	1.003
46.	1.049	1.043	1.037	1.031	1.025	1.02C	1.015	1.C11	1.008	1.005	1.003	1.002	1.001
48.	1.046	1.040	1.034	1.029	1.023	1.018	1.014	1.C1C	1.006	1.004	1.002	1.000	1.000
5C.	1.046	1.040	1.034	1.028	1.023	1.018	1.013	1.CC9	1.006	1.003	1.001	1.000	1.000

ROOM HEIGHT 70.0 DETECTOR HEIGHT 34.C

X/Y	26.	28.	30.	32.	34.	36.	38.	4C.	42.	44.	46.	48.	5C.
C.	1.275	1.242	1.212	1.184	1.158	1.136	1.116	1.1C0	1.086	1.076	1.068	1.064	1.062
2.	1.280	1.247	1.217	1.189	1.164	1.141	1.122	1.1C6	1.092	1.082	1.074	1.070	1.068
4.	1.282	1.249	1.219	1.192	1.167	1.145	1.126	1.1C9	1.096	1.086	1.078	1.074	1.073
6.	1.28C	1.249	1.219	1.192	1.168	1.146	1.128	1.112	1.099	1.088	1.081	1.077	1.075
8.	1.275	1.245	1.216	1.190	1.167	1.146	1.12E	1.112	1.099	1.090	1.082	1.078	1.077
1C.	1.268	1.239	1.211	1.186	1.164	1.144	1.126	1.111	1.099	1.089	1.082	1.078	1.077
12.	1.258	1.230	1.204	1.180	1.159	1.14C	1.123	1.1C9	1.097	1.088	1.081	1.077	1.076
14.	1.246	1.220	1.196	1.173	1.153	1.134	1.118	1.1C5	1.094	1.085	1.079	1.075	1.074
16.	1.232	1.208	1.185	1.164	1.145	1.128	1.113	1.1C0	1.089	1.081	1.075	1.072	1.071
18.	1.218	1.195	1.174	1.154	1.136	1.12C	1.1C6	1.C94	1.084	1.077	1.071	1.068	1.067
2C.	1.2C2	1.181	1.162	1.144	1.127	1.112	1.C99	1.C88	1.079	1.071	1.066	1.063	1.062
22.	1.186	1.167	1.149	1.132	1.117	1.1C3	1.091	1.C81	1.072	1.066	1.061	1.058	1.057
24.	1.17C	1.153	1.136	1.121	1.107	1.094	1.083	1.C74	1.066	1.059	1.055	1.052	1.051
26.	1.154	1.138	1.123	1.110	1.097	1.085	1.C75	1.C66	1.059	1.053	1.049	1.046	1.046
28.	1.138	1.124	1.111	1.098	1.087	1.076	1.C67	1.C58	1.052	1.047	1.043	1.040	1.040
3C.	1.123	1.111	1.099	1.087	1.077	1.067	1.059	1.C51	1.045	1.040	1.037	1.035	1.034
32.	1.11C	1.098	1.087	1.077	1.067	1.059	1.C51	1.C44	1.038	1.034	1.031	1.029	1.028
34.	1.097	1.087	1.077	1.067	1.059	1.051	1.C44	1.C37	1.032	1.028	1.025	1.023	1.023
36.	1.085	1.C76	1.067	1.059	1.051	1.043	1.037	1.C31	1.026	1.023	1.020	1.018	1.018
38.	1.075	1.067	1.059	1.051	1.044	1.037	1.C31	1.C26	1.021	1.018	1.015	1.014	1.013
4C.	1.066	1.058	1.051	1.044	1.037	1.031	1.C26	1.C21	1.017	1.014	1.011	1.010	1.009
42.	1.C59	1.052	1.045	1.038	1.032	1.026	1.021	1.C17	1.013	1.010	1.008	1.007	1.006
44.	1.053	1.047	1.040	1.034	1.028	1.023	1.018	1.C14	1.010	1.007	1.005	1.004	1.003
46.	1.049	1.043	1.037	1.031	1.025	1.02C	1.C15	1.C11	1.008	1.005	1.003	1.002	1.002
48.	1.C46	1.040	1.035	1.029	1.023	1.018	1.014	1.C1C	1.007	1.004	1.002	1.001	1.000
5C.	1.046	1.C40	1.034	1.028	1.023	1.018	1.C13	1.CC9	1.006	1.003	1.002	1.000	1.000

TEN SOURCES

Rectangular Array,

70 Units High
100 x 100 Units in Area

"Ceiling Strength 0.1": D_8 = 91%
D_2 = 9%

ROOM HEIGHT 70.0 DETECTOR HEIGHT 0. CEILING STRENGTH 0.1

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	0.455	173.064	43.617	19.650	11.265	7.388	5.284	4.018	3.198	2.638	2.240	1.947	1.726
2.	173.064	86.768	34.993	17.738	10.637	7.128	5.161	3.954	3.163	2.619	2.230	1.942	1.725
4.	43.617	34.993	22.054	13.761	9.120	6.448	4.817	3.765	3.053	2.551	2.187	1.915	1.708
6.	19.650	17.738	13.761	10.079	7.400	5.579	4.344	3.490	2.885	2.445	2.118	1.869	1.676
8.	11.265	10.637	9.120	7.400	5.896	4.718	3.834	3.176	2.685	2.313	2.029	1.808	1.634
10.	7.388	7.128	6.448	5.579	4.718	3.967	3.350	2.860	2.473	2.169	1.928	1.737	1.584
12.	5.284	5.161	4.817	4.344	3.834	3.350	2.925	2.564	2.267	2.023	1.824	1.661	1.528
14.	4.018	3.954	3.765	3.490	3.176	2.860	2.564	2.302	2.075	1.882	1.720	1.584	1.471
16.	3.198	3.163	3.053	2.885	2.685	2.473	2.267	2.075	1.903	1.752	1.621	1.509	1.414
18.	2.638	2.619	2.551	2.445	2.313	2.169	2.023	1.882	1.752	1.634	1.530	1.438	1.359
20.	2.240	2.230	2.187	2.118	2.029	1.928	1.824	1.720	1.621	1.530	1.447	1.373	1.308
22.	1.947	1.942	1.915	1.869	1.808	1.737	1.661	1.584	1.509	1.438	1.373	1.313	1.260
24.	1.726	1.725	1.708	1.676	1.634	1.584	1.528	1.471	1.414	1.359	1.308	1.260	1.217
26.	1.556	1.557	1.547	1.526	1.496	1.460	1.419	1.377	1.333	1.291	1.251	1.213	1.179
28.	1.424	1.426	1.420	1.406	1.386	1.360	1.330	1.298	1.265	1.233	1.202	1.172	1.146
30.	1.318	1.322	1.319	1.310	1.296	1.278	1.256	1.233	1.208	1.183	1.160	1.137	1.116
32.	1.235	1.239	1.239	1.233	1.224	1.211	1.196	1.178	1.160	1.142	1.124	1.107	1.092
34.	1.167	1.173	1.174	1.171	1.165	1.157	1.146	1.133	1.120	1.107	1.094	1.081	1.071
36.	1.113	1.119	1.122	1.121	1.118	1.112	1.105	1.096	1.087	1.077	1.068	1.060	1.054
38.	1.070	1.076	1.080	1.081	1.079	1.076	1.072	1.066	1.060	1.054	1.048	1.043	1.040
40.	1.036	1.042	1.047	1.049	1.049	1.048	1.045	1.042	1.038	1.034	1.031	1.029	1.029
42.	1.010	1.016	1.021	1.024	1.025	1.026	1.025	1.023	1.021	1.019	1.018	1.019	1.021
44.	0.990	0.997	1.002	1.006	1.008	1.009	1.009	1.009	1.008	1.008	1.009	1.011	1.015
46.	0.976	0.983	0.989	0.993	0.996	0.997	0.998	0.999	0.999	1.000	1.002	1.01	1.011
48.	0.968	0.975	0.981	0.985	0.988	0.991	0.992	0.993	0.994	0.996	0.998	1.002	1.009
50.	0.966	0.973	0.978	0.983	0.986	0.988	0.990	0.991	0.993	0.994	0.997	1.001	1.008

ROOM HEIGHT 70.0 DETECTOR HEIGHT 2.0 CEILING STRENGTH 0.1

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	173.069	86.773	34.998	17.743	10.642	7.133	5.165	3.958	3.167	2.623	2.233	1.945	1.728
2.	86.773	58.012	29.250	16.180	10.084	6.893	5.048	3.897	3.133	2.604	2.223	1.941	1.727
4.	34.998	29.250	19.667	12.824	8.720	6.260	4.722	3.715	3.026	2.538	2.181	1.914	1.710
6.	17.743	16.180	12.824	9.585	7.145	5.444	4.271	3.450	2.864	2.434	2.113	1.869	1.679
8.	10.642	10.084	8.720	7.145	5.743	4.629	3.782	3.147	2.669	2.306	2.026	1.809	1.637
10.	7.133	6.893	6.260	5.444	4.629	3.910	3.315	2.839	2.462	2.164	1.928	1.739	1.588
12.	5.165	5.048	4.722	4.271	3.782	3.315	2.902	2.551	2.260	2.020	1.824	1.664	1.533
14.	3.958	3.897	3.715	3.450	3.147	2.839	2.551	2.294	2.072	1.882	1.722	1.588	1.476
16.	3.167	3.133	3.026	2.864	2.669	2.462	2.260	2.072	1.902	1.754	1.625	1.514	1.420
18.	2.623	2.604	2.538	2.434	2.306	2.164	2.020	1.882	1.754	1.638	1.534	1.444	1.366
20.	2.233	2.223	2.181	2.113	2.026	1.928	1.824	1.722	1.625	1.534	1.452	1.379	1.314
22.	1.945	1.941	1.914	1.869	1.809	1.739	1.664	1.588	1.514	1.444	1.379	1.320	1.267
24.	1.728	1.727	1.710	1.679	1.637	1.588	1.533	1.476	1.420	1.366	1.314	1.267	1.225
26.	1.560	1.561	1.551	1.530	1.501	1.465	1.425	1.383	1.340	1.298	1.258	1.221	1.187
28.	1.429	1.431	1.425	1.412	1.391	1.366	1.336	1.305	1.272	1.240	1.209	1.180	1.153
30.	1.324	1.328	1.326	1.317	1.303	1.285	1.263	1.240	1.215	1.191	1.167	1.145	1.124
32.	1.241	1.246	1.246	1.240	1.231	1.218	1.203	1.186	1.168	1.149	1.132	1.115	1.100
34.	1.174	1.180	1.181	1.179	1.173	1.164	1.153	1.141	1.128	1.114	1.101	1.089	1.079
36.	1.121	1.126	1.129	1.129	1.125	1.120	1.113	1.104	1.095	1.085	1.076	1.068	1.062
38.	1.078	1.084	1.087	1.089	1.087	1.084	1.080	1.074	1.068	1.062	1.056	1.051	1.048
40.	1.044	1.050	1.054	1.057	1.057	1.056	1.053	1.050	1.046	1.043	1.039	1.037	1.037
42.	1.017	1.024	1.029	1.032	1.033	1.034	1.033	1.031	1.029	1.028	1.027	1.027	1.029
44.	0.998	1.005	1.010	1.014	1.016	1.017	1.017	1.017	1.016	1.016	1.017	1.019	1.023
46.	0.984	0.991	0.997	1.001	1.004	1.005	1.007	1.007	1.008	1.009	1.010	1.014	1.019
48.	0.976	0.983	0.989	0.993	0.997	0.999	1.000	1.001	1.002	1.004	1.006	1.010	1.017
50.	0.974	0.981	0.986	0.991	0.994	0.996	0.998	0.999	1.001	1.002	1.005	1.009	1.016

ROOM HEIGHT			70.0		DETECTOR HEIGHT			0.	CEILING STRENGTH				0.1
X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	1.556	1.424	1.318	1.235	1.167	1.113	1.070	1.036	1.010	0.990	0.976	0.968	0.966
2.	1.557	1.426	1.322	1.239	1.173	1.119	1.076	1.042	1.016	0.997	0.983	0.975	0.973
4.	1.547	1.420	1.319	1.239	1.174	1.122	1.080	1.047	1.021	1.002	0.989	0.981	0.978
6.	1.526	1.406	1.310	1.233	1.171	1.121	1.081	1.049	1.024	1.006	0.993	0.985	0.983
8.	1.496	1.386	1.296	1.224	1.165	1.118	1.079	1.049	1.025	1.008	0.996	0.988	0.986
10.	1.460	1.360	1.278	1.211	1.157	1.112	1.076	1.048	1.026	1.009	0.997	0.991	0.988
12.	1.419	1.330	1.256	1.196	1.146	1.105	1.072	1.045	1.025	1.009	0.998	0.992	0.990
14.	1.377	1.298	1.233	1.178	1.133	1.096	1.066	1.042	1.023	1.009	0.999	0.993	0.991
16.	1.333	1.265	1.208	1.160	1.120	1.087	1.060	1.038	1.021	1.008	0.999	0.994	0.993
18.	1.291	1.233	1.183	1.142	1.107	1.077	1.054	1.034	1.019	1.008	1.000	0.996	0.994
20.	1.251	1.202	1.160	1.124	1.094	1.068	1.048	1.031	1.018	1.009	1.002	0.998	0.997
22.	1.213	1.172	1.137	1.107	1.081	1.060	1.043	1.029	1.019	1.011	1.006	1.002	1.001
24.	1.179	1.146	1.116	1.092	1.071	1.054	1.040	1.029	1.021	1.015	1.011	1.009	1.008
26.	1.148	1.121	1.098	1.078	1.062	1.049	1.039	1.031	1.026	1.022	1.020	1.019	1.019
28.	1.121	1.100	1.082	1.068	1.056	1.047	1.041	1.037	1.035	1.034	1.034	1.034	1.034
30.	1.098	1.082	1.070	1.060	1.052	1.048	1.046	1.047	1.049	1.051	1.054	1.056	1.057
32.	1.078	1.068	1.060	1.054	1.052	1.053	1.056	1.062	1.069	1.077	1.084	1.089	1.091
34.	1.062	1.056	1.052	1.052	1.055	1.062	1.072	1.084	1.099	1.115	1.128	1.138	1.141
36.	1.049	1.047	1.048	1.053	1.062	1.075	1.093	1.116	1.142	1.169	1.194	1.211	1.218
38.	1.039	1.041	1.046	1.056	1.072	1.093	1.122	1.159	1.202	1.249	1.294	1.328	1.340
40.	1.031	1.037	1.047	1.062	1.084	1.116	1.159	1.215	1.286	1.369	1.453	1.520	1.546
42.	1.026	1.035	1.049	1.069	1.099	1.142	1.202	1.286	1.400	1.547	1.717	1.868	1.931
44.	1.022	1.034	1.051	1.077	1.115	1.169	1.249	1.369	1.547	1.812	2.179	2.576	2.767
46.	1.020	1.034	1.054	1.084	1.128	1.194	1.294	1.453	1.717	2.179	3.006	4.300	5.162
48.	1.019	1.034	1.056	1.089	1.138	1.211	1.328	1.520	1.868	2.576	4.300	9.476	18.106
50.	1.019	1.034	1.057	1.091	1.141	1.218	1.340	1.546	1.931	2.767	5.162	18.106	0.845

ROOM HEIGHT			70.0		DETECTOR HEIGHT			2.0	CEILING STRENGTH				0.1
X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	1.560	1.429	1.324	1.241	1.174	1.121	1.078	1.044	1.017	0.998	0.984	0.976	0.974
2.	1.561	1.431	1.328	1.246	1.180	1.126	1.084	1.050	1.024	1.005	0.991	0.983	0.981
4.	1.551	1.425	1.326	1.246	1.181	1.129	1.087	1.054	1.029	1.010	0.997	0.989	0.986
6.	1.530	1.412	1.317	1.240	1.179	1.129	1.089	1.057	1.032	1.014	1.001	0.993	0.991
8.	1.501	1.391	1.303	1.231	1.173	1.125	1.087	1.057	1.033	1.016	1.004	0.997	0.994
10.	1.465	1.366	1.285	1.218	1.164	1.120	1.084	1.056	1.034	1.017	1.005	0.999	0.996
12.	1.425	1.336	1.263	1.203	1.153	1.113	1.080	1.053	1.033	1.017	1.007	1.000	0.998
14.	1.383	1.305	1.240	1.186	1.141	1.104	1.074	1.050	1.031	1.017	1.007	1.001	0.999
16.	1.340	1.272	1.215	1.168	1.128	1.095	1.068	1.046	1.029	1.016	1.008	1.002	1.001
18.	1.298	1.240	1.191	1.149	1.114	1.085	1.062	1.043	1.028	1.016	1.009	1.004	1.002
20.	1.258	1.209	1.167	1.132	1.101	1.076	1.056	1.039	1.027	1.017	1.010	1.006	1.005
22.	1.221	1.180	1.145	1.115	1.089	1.068	1.051	1.037	1.027	1.019	1.014	1.010	1.009
24.	1.187	1.153	1.124	1.100	1.079	1.062	1.048	1.037	1.029	1.023	1.019	1.017	1.016
26.	1.156	1.129	1.106	1.086	1.070	1.057	1.047	1.039	1.034	1.030	1.028	1.027	1.026
28.	1.129	1.108	1.090	1.076	1.064	1.055	1.049	1.045	1.042	1.041	1.041	1.041	1.041
30.	1.106	1.090	1.077	1.067	1.060	1.056	1.054	1.054	1.056	1.058	1.061	1.063	1.064
32.	1.086	1.076	1.067	1.062	1.060	1.060	1.063	1.069	1.076	1.083	1.090	1.095	1.097
34.	1.070	1.064	1.060	1.060	1.062	1.069	1.078	1.091	1.105	1.120	1.133	1.142	1.145
36.	1.057	1.055	1.056	1.060	1.069	1.082	1.099	1.121	1.146	1.173	1.196	1.213	1.219
38.	1.047	1.049	1.054	1.063	1.078	1.099	1.127	1.163	1.204	1.250	1.292	1.324	1.335
40.	1.039	1.045	1.054	1.069	1.091	1.121	1.163	1.217	1.284	1.363	1.442	1.504	1.528
42.	1.034	1.042	1.056	1.076	1.105	1.146	1.204	1.284	1.392	1.529	1.685	1.820	1.876
44.	1.030	1.041	1.058	1.083	1.120	1.173	1.250	1.363	1.529	1.770	2.092	2.427	2.584
46.	1.028	1.041	1.061	1.090	1.133	1.196	1.292	1.442	1.685	2.092	2.775	3.733	4.308
48.	1.027	1.041	1.063	1.095	1.142	1.213	1.324	1.504	1.820	2.427	3.733	6.608	9.484
50.	1.026	1.041	1.064	1.097	1.145	1.219	1.335	1.528	1.876	2.584	4.308	9.484	18.114

ROOM HEIGHT 70.0 DETECTOR HEIGHT 4.0 CEILING STRENGTH 0.1

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	43.627	35.003	22.064	13.771	9.130	6.457	4.826	3.773	3.061	2.559	2.194	1.922	1.714
2.	35.003	29.256	19.672	12.829	8.725	6.265	4.727	3.720	3.031	2.542	2.185	1.918	1.713
4.	22.064	19.672	14.884	10.659	7.704	5.748	4.447	3.558	2.933	2.481	2.146	1.893	1.697
6.	13.771	12.829	10.659	8.358	6.470	5.066	4.053	3.320	2.784	2.385	2.082	1.850	1.668
8.	9.130	8.725	7.704	6.470	5.319	4.366	3.618	3.044	2.603	2.264	2.000	1.792	1.628
10.	6.457	6.265	5.748	5.066	4.366	3.733	3.198	2.762	2.411	2.131	1.906	1.726	1.580
12.	4.826	4.727	4.447	4.053	3.618	3.198	2.820	2.494	2.221	1.995	1.808	1.654	1.527
14.	3.773	3.720	3.558	3.320	3.044	2.762	2.494	2.254	2.043	1.863	1.710	1.581	1.473
16.	3.061	3.031	2.933	2.784	2.603	2.411	2.221	2.043	1.882	1.740	1.616	1.510	1.418
18.	2.559	2.542	2.481	2.385	2.264	2.131	1.995	1.863	1.740	1.629	1.529	1.442	1.365
20.	2.194	2.185	2.146	2.082	2.000	1.906	1.808	1.710	1.616	1.529	1.450	1.379	1.316
22.	1.922	1.918	1.893	1.850	1.792	1.726	1.654	1.581	1.510	1.442	1.379	1.321	1.270
24.	1.714	1.713	1.697	1.668	1.628	1.580	1.527	1.473	1.418	1.365	1.316	1.270	1.228
26.	1.552	1.554	1.544	1.524	1.496	1.462	1.423	1.382	1.340	1.299	1.260	1.224	1.191
28.	1.425	1.428	1.423	1.410	1.390	1.365	1.337	1.306	1.274	1.243	1.213	1.184	1.158
30.	1.324	1.328	1.326	1.317	1.304	1.286	1.265	1.243	1.219	1.195	1.171	1.149	1.129
32.	1.243	1.248	1.247	1.243	1.234	1.221	1.206	1.190	1.172	1.154	1.136	1.120	1.105
34.	1.177	1.183	1.184	1.182	1.176	1.168	1.158	1.146	1.133	1.120	1.107	1.095	1.084
36.	1.125	1.131	1.133	1.133	1.130	1.125	1.118	1.109	1.100	1.091	1.082	1.074	1.067
38.	1.082	1.089	1.092	1.094	1.093	1.090	1.085	1.080	1.074	1.068	1.062	1.057	1.054
40.	1.049	1.056	1.060	1.062	1.063	1.062	1.059	1.056	1.052	1.049	1.046	1.043	1.043
42.	1.023	1.030	1.035	1.038	1.040	1.040	1.039	1.037	1.035	1.034	1.033	1.033	1.035
44.	1.004	1.011	1.016	1.020	1.022	1.023	1.024	1.023	1.023	1.023	1.023	1.025	1.029
46.	0.990	0.998	1.003	1.007	1.010	1.012	1.013	1.014	1.014	1.015	1.017	1.020	1.025
48.	0.983	0.990	0.995	1.000	1.003	1.005	1.007	1.008	1.009	1.010	1.013	1.016	1.022
50.	0.980	0.987	0.993	0.997	1.001	1.003	1.005	1.006	1.007	1.009	1.011	1.015	1.022

ROOM HEIGHT 70.0 DETECTOR HEIGHT 6.0 CEILING STRENGTH 0.1

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	19.667	17.755	13.777	10.095	7.416	5.594	4.358	3.504	2.898	2.457	2.129	1.879	1.686
2.	17.755	16.192	12.835	9.597	7.156	5.455	4.281	3.460	2.873	2.443	2.121	1.876	1.686
4.	13.777	12.835	10.665	8.364	6.476	5.072	4.058	3.325	2.789	2.389	2.087	1.853	1.671
6.	10.095	9.597	8.364	6.917	5.607	4.550	3.738	3.124	2.658	2.303	2.028	1.814	1.644
8.	7.416	7.156	6.476	5.607	4.746	3.994	3.377	2.886	2.499	2.194	1.953	1.761	1.607
10.	5.594	5.455	5.072	4.550	3.994	3.473	3.020	2.640	2.328	2.073	1.867	1.699	1.562
12.	4.358	4.281	4.058	3.738	3.377	3.020	2.691	2.403	2.156	1.949	1.776	1.632	1.513
14.	3.504	3.460	3.325	3.124	2.886	2.640	2.403	2.186	1.994	1.827	1.685	1.564	1.461
16.	2.898	2.873	2.789	2.658	2.499	2.328	2.156	1.994	1.846	1.713	1.597	1.496	1.409
18.	2.457	2.443	2.389	2.303	2.194	2.073	1.949	1.827	1.713	1.609	1.515	1.432	1.359
20.	2.129	2.121	2.087	2.028	1.953	1.867	1.776	1.685	1.597	1.515	1.440	1.372	1.311
22.	1.879	1.876	1.853	1.814	1.761	1.699	1.632	1.564	1.496	1.432	1.372	1.317	1.267
24.	1.686	1.686	1.671	1.644	1.607	1.562	1.513	1.461	1.409	1.359	1.311	1.267	1.227
26.	1.535	1.536	1.527	1.509	1.483	1.450	1.414	1.375	1.335	1.296	1.258	1.223	1.191
28.	1.414	1.417	1.412	1.400	1.382	1.358	1.331	1.302	1.272	1.242	1.212	1.185	1.159
30.	1.318	1.322	1.320	1.312	1.299	1.283	1.263	1.241	1.218	1.195	1.173	1.151	1.131
32.	1.240	1.245	1.245	1.240	1.232	1.220	1.206	1.190	1.173	1.155	1.138	1.122	1.108
34.	1.177	1.182	1.184	1.182	1.177	1.169	1.159	1.147	1.135	1.122	1.110	1.098	1.088
36.	1.126	1.132	1.135	1.135	1.132	1.127	1.120	1.112	1.103	1.094	1.086	1.078	1.071
38.	1.085	1.091	1.095	1.096	1.095	1.093	1.088	1.083	1.077	1.071	1.066	1.061	1.057
40.	1.052	1.059	1.063	1.066	1.066	1.065	1.063	1.060	1.056	1.053	1.050	1.047	1.047
42.	1.027	1.034	1.039	1.042	1.044	1.044	1.043	1.042	1.040	1.038	1.037	1.037	1.039
44.	1.008	1.015	1.021	1.024	1.027	1.028	1.028	1.028	1.028	1.027	1.028	1.029	1.033
46.	0.995	1.002	1.008	1.012	1.015	1.017	1.018	1.019	1.019	1.020	1.021	1.024	1.029
48.	0.987	0.995	1.000	1.005	1.008	1.010	1.012	1.013	1.014	1.015	1.017	1.021	1.026
50.	0.985	0.992	0.998	1.002	1.006	1.008	1.010	1.011	1.012	1.014	1.016	1.020	1.025

ROOM HEIGHT			70.0		DETECTOR HEIGHT			6.0	CEILING STRENGTH				0.1
X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	1.552	1.425	1.324	1.243	1.177	1.125	1.082	1.049	1.023	1.004	0.990	0.983	0.980
2.	1.554	1.428	1.328	1.248	1.183	1.131	1.089	1.056	1.030	1.011	0.998	0.990	0.987
4.	1.548	1.423	1.326	1.247	1.184	1.133	1.092	1.060	1.035	1.016	1.003	0.995	0.993
6.	1.526	1.410	1.317	1.243	1.182	1.133	1.094	1.062	1.038	1.020	1.007	1.000	0.997
8.	1.496	1.390	1.304	1.234	1.176	1.130	1.093	1.063	1.040	1.022	1.010	1.003	1.001
10.	1.462	1.365	1.286	1.221	1.168	1.125	1.090	1.062	1.040	1.023	1.012	1.005	1.003
12.	1.423	1.337	1.265	1.206	1.158	1.118	1.085	1.059	1.039	1.024	1.013	1.007	1.005
14.	1.382	1.306	1.243	1.190	1.146	1.109	1.080	1.056	1.037	1.023	1.014	1.008	1.006
16.	1.340	1.274	1.219	1.172	1.133	1.100	1.074	1.052	1.035	1.023	1.014	1.009	1.007
18.	1.299	1.243	1.195	1.154	1.120	1.091	1.068	1.049	1.034	1.023	1.015	1.010	1.009
20.	1.260	1.213	1.171	1.136	1.107	1.082	1.062	1.046	1.033	1.023	1.017	1.013	1.011
22.	1.224	1.184	1.149	1.120	1.095	1.074	1.057	1.043	1.033	1.025	1.020	1.016	1.015
24.	1.191	1.158	1.129	1.105	1.084	1.067	1.054	1.043	1.035	1.029	1.025	1.022	1.022
26.	1.161	1.134	1.111	1.092	1.076	1.063	1.052	1.045	1.039	1.035	1.033	1.032	1.031
28.	1.134	1.113	1.096	1.081	1.069	1.060	1.054	1.050	1.047	1.046	1.046	1.046	1.046
30.	1.111	1.096	1.083	1.073	1.065	1.061	1.058	1.058	1.060	1.062	1.064	1.066	1.066
32.	1.092	1.081	1.073	1.067	1.064	1.065	1.067	1.072	1.078	1.085	1.091	1.095	1.097
34.	1.076	1.069	1.065	1.064	1.067	1.072	1.081	1.092	1.105	1.118	1.130	1.138	1.141
36.	1.063	1.060	1.061	1.065	1.072	1.084	1.100	1.120	1.143	1.166	1.187	1.202	1.207
38.	1.052	1.054	1.058	1.067	1.081	1.100	1.125	1.157	1.195	1.234	1.271	1.298	1.308
40.	1.045	1.050	1.058	1.072	1.092	1.120	1.157	1.205	1.265	1.331	1.397	1.448	1.467
42.	1.039	1.047	1.060	1.078	1.105	1.143	1.195	1.265	1.356	1.468	1.590	1.691	1.731
44.	1.035	1.046	1.062	1.085	1.118	1.166	1.234	1.331	1.468	1.654	1.883	2.099	2.193
46.	1.033	1.046	1.064	1.091	1.130	1.187	1.271	1.397	1.590	1.883	2.333	2.782	3.021
48.	1.032	1.046	1.066	1.095	1.138	1.202	1.298	1.448	1.691	2.099	2.782	3.739	4.314
50.	1.031	1.046	1.066	1.097	1.141	1.207	1.308	1.467	1.731	2.193	3.021	4.314	5.177

ROOM HEIGHT			70.0		DETECTOR HEIGHT			6.0	CEILING STRENGTH				-0.1
X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	1.535	1.414	1.318	1.240	1.177	1.126	1.085	1.052	1.027	1.008	0.995	0.987	0.985
2.	1.536	1.417	1.322	1.245	1.182	1.132	1.091	1.059	1.034	1.015	1.002	0.995	0.992
4.	1.527	1.412	1.320	1.245	1.184	1.135	1.095	1.063	1.039	1.021	1.008	1.000	0.998
6.	1.509	1.400	1.312	1.240	1.182	1.135	1.096	1.066	1.042	1.024	1.012	1.005	1.002
8.	1.483	1.382	1.299	1.232	1.177	1.132	1.095	1.066	1.044	1.027	1.015	1.008	1.006
10.	1.450	1.358	1.283	1.220	1.169	1.127	1.093	1.065	1.044	1.028	1.017	1.010	1.008
12.	1.414	1.331	1.263	1.206	1.159	1.120	1.088	1.063	1.043	1.028	1.018	1.012	1.010
14.	1.375	1.302	1.241	1.190	1.147	1.112	1.083	1.060	1.042	1.028	1.019	1.013	1.011
16.	1.335	1.272	1.218	1.173	1.135	1.103	1.077	1.056	1.040	1.028	1.019	1.014	1.012
18.	1.296	1.242	1.195	1.155	1.122	1.094	1.071	1.053	1.038	1.027	1.020	1.015	1.014
20.	1.258	1.212	1.173	1.138	1.110	1.086	1.066	1.050	1.037	1.028	1.021	1.017	1.016
22.	1.223	1.185	1.151	1.122	1.098	1.078	1.061	1.047	1.037	1.029	1.024	1.021	1.020
24.	1.191	1.159	1.131	1.108	1.088	1.071	1.057	1.047	1.039	1.033	1.029	1.026	1.025
26.	1.162	1.136	1.114	1.095	1.079	1.066	1.056	1.048	1.042	1.038	1.036	1.035	1.034
28.	1.136	1.116	1.099	1.084	1.072	1.063	1.057	1.052	1.049	1.048	1.047	1.047	1.047
30.	1.114	1.099	1.086	1.076	1.068	1.063	1.061	1.060	1.060	1.062	1.064	1.065	1.066
32.	1.095	1.084	1.076	1.070	1.067	1.066	1.068	1.072	1.077	1.083	1.088	1.091	1.092
34.	1.079	1.072	1.068	1.067	1.068	1.073	1.080	1.089	1.100	1.112	1.122	1.128	1.131
36.	1.066	1.063	1.063	1.066	1.073	1.083	1.096	1.113	1.133	1.152	1.170	1.182	1.186
38.	1.056	1.057	1.061	1.068	1.080	1.096	1.118	1.145	1.176	1.209	1.238	1.259	1.267
40.	1.048	1.052	1.060	1.072	1.089	1.113	1.145	1.185	1.233	1.286	1.336	1.373	1.387
42.	1.042	1.049	1.060	1.077	1.100	1.133	1.176	1.233	1.305	1.388	1.473	1.540	1.566
44.	1.038	1.048	1.062	1.083	1.112	1.152	1.209	1.286	1.388	1.516	1.659	1.782	1.832
46.	1.036	1.047	1.064	1.088	1.122	1.170	1.238	1.336	1.473	1.659	1.888	2.104	2.198
48.	1.035	1.047	1.065	1.091	1.128	1.182	1.259	1.373	1.540	1.782	2.104	2.439	2.595
50.	1.034	1.047	1.066	1.092	1.131	1.186	1.267	1.387	1.566	1.832	2.198	2.595	2.787

ROOM HEIGHT			70.0		DETECTOR HEIGHT			8.0	CEILING STRENGTH			0.1	
X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	11.289	10.660	9.143	7.423	5.918	4.739	3.854	3.196	2.703	2.331	2.045	1.823	1.648
2.	10.660	10.102	8.738	7.164	5.761	4.646	3.798	3.162	2.683	2.319	2.039	1.820	1.648
4.	9.143	8.738	7.717	6.483	5.331	4.378	3.630	3.055	2.614	2.274	2.009	1.801	1.635
6.	7.423	7.164	6.483	5.613	4.753	4.000	3.384	2.892	2.505	2.200	1.958	1.766	1.611
8.	5.918	5.761	5.331	4.753	4.145	3.583	3.098	2.697	2.370	2.105	1.891	1.718	1.577
10.	4.739	4.646	4.378	4.000	3.583	3.176	2.808	2.490	2.222	1.999	1.814	1.662	1.536
12.	3.854	3.798	3.630	3.384	3.098	2.808	2.534	2.287	2.072	1.888	1.732	1.601	1.491
14.	3.196	3.162	3.055	2.892	2.697	2.490	2.287	2.098	1.929	1.779	1.649	1.538	1.443
16.	2.703	2.683	2.614	2.505	2.370	2.222	2.072	1.929	1.795	1.675	1.569	1.476	1.395
18.	2.331	2.319	2.274	2.200	2.105	1.999	1.888	1.779	1.675	1.580	1.493	1.416	1.348
20.	2.045	2.039	2.009	1.958	1.891	1.814	1.732	1.649	1.569	1.493	1.423	1.360	1.303
22.	1.823	1.820	1.801	1.766	1.718	1.662	1.601	1.538	1.476	1.416	1.360	1.308	1.261
24.	1.648	1.648	1.635	1.611	1.577	1.536	1.491	1.443	1.395	1.348	1.303	1.261	1.223
26.	1.508	1.511	1.503	1.486	1.462	1.432	1.398	1.362	1.325	1.288	1.253	1.219	1.189
28.	1.397	1.400	1.396	1.385	1.368	1.346	1.321	1.294	1.265	1.237	1.209	1.182	1.158
30.	1.306	1.311	1.309	1.302	1.290	1.275	1.256	1.236	1.214	1.192	1.171	1.150	1.131
32.	1.233	1.238	1.238	1.234	1.227	1.216	1.202	1.187	1.171	1.154	1.138	1.123	1.108
34.	1.173	1.178	1.180	1.179	1.174	1.167	1.157	1.146	1.134	1.122	1.110	1.099	1.089
36.	1.124	1.130	1.133	1.133	1.131	1.126	1.120	1.112	1.104	1.095	1.087	1.079	1.072
38.	1.085	1.091	1.095	1.097	1.096	1.094	1.090	1.085	1.079	1.073	1.068	1.063	1.059
40.	1.054	1.060	1.065	1.067	1.068	1.067	1.065	1.062	1.059	1.055	1.052	1.050	1.049
42.	1.029	1.036	1.041	1.044	1.046	1.047	1.046	1.045	1.043	1.041	1.040	1.039	1.041
44.	1.011	1.018	1.023	1.027	1.030	1.031	1.032	1.031	1.031	1.030	1.031	1.032	1.035
46.	0.998	.005	1.011	1.015	1.018	1.020	1.021	1.022	1.022	1.023	1.024	1.026	1.030
48.	0.991	0.998	1.004	1.008	1.012	1.014	1.016	1.017	1.017	1.019	1.020	1.023	1.028
50.	0.988	0.996	1.002	1.006	1.009	1.012	1.014	1.015	1.016	1.017	1.019	1.022	1.027

ROOM HEIGHT			70.0		DETECTOR HEIGHT			10.0	CEILING STRENGTH			0.1	
X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	7.419	7.160	6.479	5.609	4.748	3.995	3.378	2.886	2.498	2.192	1.950	1.757	1.602
2.	7.160	6.920	6.287	5.470	4.654	3.934	3.339	2.861	2.483	2.184	1.946	1.756	1.603
4.	6.479	6.287	5.769	5.087	4.386	3.752	3.216	2.779	2.428	2.146	1.921	1.739	1.592
6.	5.609	5.470	5.087	4.565	4.008	3.487	3.033	2.652	2.339	2.084	1.877	1.709	1.571
8.	4.748	4.654	4.386	4.008	3.590	3.183	2.815	2.497	2.228	2.005	1.820	1.667	1.541
10.	3.995	3.934	3.752	3.487	3.183	2.875	2.586	2.328	2.104	1.914	1.753	1.617	1.504
12.	3.378	3.339	3.216	3.033	2.815	2.586	2.364	2.160	1.977	1.818	1.680	1.563	1.463
14.	2.886	2.861	2.779	2.652	2.497	2.328	2.160	2.000	1.853	1.722	1.607	1.506	1.420
16.	2.498	2.483	2.428	2.339	2.228	2.104	1.977	1.853	1.737	1.630	1.534	1.450	1.375
18.	2.192	2.184	2.146	2.084	2.005	1.914	1.818	1.722	1.630	1.544	1.466	1.395	1.332
20.	1.950	1.946	1.921	1.877	1.820	1.753	1.680	1.607	1.534	1.466	1.402	1.343	1.291
22.	1.757	1.756	1.739	1.709	1.667	1.617	1.563	1.506	1.450	1.395	1.343	1.295	1.252
24.	1.602	1.603	1.592	1.571	1.541	1.504	1.463	1.420	1.375	1.332	1.291	1.252	1.216
26.	1.476	1.479	1.472	1.458	1.436	1.409	1.378	1.345	1.311	1.277	1.244	1.212	1.183
28.	1.374	1.378	1.375	1.365	1.350	1.330	1.307	1.282	1.255	1.228	1.202	1.178	1.154
30.	1.291	1.295	1.294	1.288	1.278	1.264	1.246	1.227	1.207	1.187	1.166	1.147	1.129
32.	1.222	1.227	1.228	1.225	1.218	1.208	1.196	1.182	1.166	1.151	1.135	1.121	1.107
34.	1.166	1.172	1.174	1.173	1.169	1.162	1.153	1.143	1.132	1.120	1.109	1.098	1.088
36.	1.120	1.126	1.130	1.130	1.128	1.124	1.118	1.111	1.103	1.095	1.087	1.079	1.072
38.	1.083	1.089	1.093	1.095	1.095	1.093	1.089	1.084	1.079	1.073	1.068	1.063	1.059
40.	1.053	1.060	1.065	1.067	1.068	1.067	1.066	1.063	1.060	1.056	1.053	1.050	1.049
42.	1.030	1.037	1.042	1.045	1.047	1.048	1.047	1.046	1.044	1.042	1.041	1.040	1.041
44.	1.012	1.019	1.025	1.029	1.031	1.033	1.033	1.033	1.033	1.032	1.032	1.033	1.035
46.	1.000	1.007	1.013	1.017	1.020	1.022	1.024	1.024	1.025	1.025	1.026	1.028	1.031
48.	0.993	1.000	1.006	1.011	1.014	1.016	1.018	1.019	1.020	1.021	1.022	1.025	1.029
50.	0.991	0.998	1.004	1.009	1.012	1.014	1.016	1.017	1.018	1.019	1.021	1.024	1.028

ROOM HEIGHT			70.0		DETECTOR HEIGHT			8.0	CEILING STRENGTH				0.1
X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	1.508	1.397	1.306	1.233	1.173	1.124	1.085	1.054	1.029	1.011	0.998	0.991	0.988
2.	1.511	1.400	1.311	1.238	1.178	1.130	1.091	1.060	1.036	1.018	1.005	0.998	0.996
4.	1.503	1.396	1.309	1.238	1.180	1.133	1.095	1.065	1.041	1.023	1.011	1.004	1.002
6.	1.486	1.385	1.302	1.234	1.179	1.133	1.097	1.067	1.044	1.027	1.015	1.008	1.006
8.	1.462	1.368	1.290	1.227	1.174	1.131	1.096	1.068	1.046	1.030	1.018	1.012	1.009
10.	1.432	1.346	1.275	1.216	1.167	1.126	1.094	1.067	1.047	1.031	1.020	1.014	1.012
12.	1.398	1.321	1.256	1.202	1.157	1.120	1.090	1.065	1.046	1.032	1.021	1.016	1.014
14.	1.362	1.294	1.236	1.187	1.146	1.112	1.085	1.062	1.045	1.031	1.022	1.017	1.015
16.	1.325	1.265	1.214	1.171	1.134	1.104	1.079	1.059	1.043	1.031	1.022	1.017	1.016
18.	1.288	1.237	1.192	1.154	1.122	1.095	1.073	1.055	1.041	1.030	1.023	1.019	1.017
20.	1.253	1.209	1.171	1.138	1.110	1.087	1.068	1.052	1.040	1.031	1.024	1.020	1.019
22.	1.219	1.182	1.150	1.123	1.099	1.079	1.063	1.050	1.039	1.032	1.026	1.023	1.022
24.	1.189	1.158	1.131	1.108	1.089	1.072	1.059	1.049	1.041	1.035	1.030	1.028	1.027
26.	1.161	1.136	1.114	1.096	1.080	1.067	1.057	1.049	1.044	1.040	1.037	1.035	1.035
28.	1.136	1.116	1.099	1.085	1.073	1.064	1.057	1.053	1.049	1.048	1.047	1.046	1.046
30.	1.114	1.099	1.087	1.077	1.069	1.064	1.060	1.059	1.059	1.060	1.061	1.062	1.062
32.	1.096	1.085	1.077	1.071	1.067	1.065	1.066	1.069	1.073	1.077	1.081	1.084	1.085
34.	1.080	1.073	1.069	1.067	1.067	1.070	1.076	1.084	1.092	1.101	1.109	1.115	1.116
36.	1.067	1.064	1.064	1.065	1.070	1.079	1.090	1.103	1.119	1.134	1.148	1.157	1.161
38.	1.057	1.057	1.060	1.066	1.076	1.090	1.107	1.129	1.153	1.178	1.201	1.216	1.222
40.	1.049	1.053	1.059	1.069	1.084	1.103	1.129	1.161	1.197	1.236	1.272	1.297	1.307
42.	1.044	1.049	1.059	1.073	1.092	1.119	1.153	1.197	1.250	1.308	1.364	1.406	1.422
44.	1.040	1.048	1.060	1.077	1.101	1.134	1.178	1.236	1.308	1.391	1.476	1.544	1.570
46.	1.037	1.047	1.061	1.081	1.109	1.148	1.201	1.272	1.364	1.476	1.598	1.700	1.740
48.	1.035	1.046	1.062	1.084	1.115	1.157	1.216	1.297	1.406	1.544	1.700	1.835	1.891
50.	1.035	1.046	1.062	1.085	1.116	1.161	1.222	1.307	1.422	1.570	1.740	1.891	1.954

ROOM HEIGHT			70.0		DETECTOR HEIGHT			10.0	CEILING STRENGTH				0.1
X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	1.476	1.374	1.291	1.222	1.166	1.120	1.083	1.053	1.030	1.012	1.000	0.993	0.991
2.	1.479	1.378	1.295	1.227	1.172	1.126	1.089	1.060	1.037	1.019	1.007	1.000	0.998
4.	1.472	1.375	1.294	1.228	1.174	1.130	1.093	1.065	1.042	1.025	1.013	1.006	1.004
6.	1.458	1.365	1.288	1.225	1.173	1.130	1.095	1.067	1.045	1.029	1.017	1.011	1.008
8.	1.436	1.350	1.278	1.218	1.169	1.128	1.095	1.068	1.047	1.031	1.020	1.014	1.012
10.	1.409	1.330	1.264	1.208	1.162	1.124	1.093	1.067	1.048	1.033	1.022	1.016	1.014
12.	1.378	1.307	1.246	1.196	1.153	1.118	1.089	1.066	1.047	1.033	1.024	1.018	1.016
14.	1.345	1.282	1.227	1.182	1.143	1.111	1.084	1.063	1.046	1.033	1.024	1.019	1.017
16.	1.311	1.255	1.207	1.166	1.132	1.103	1.079	1.060	1.044	1.033	1.025	1.020	1.018
18.	1.277	1.228	1.187	1.151	1.120	1.095	1.073	1.056	1.042	1.032	1.025	1.021	1.019
20.	1.244	1.202	1.166	1.135	1.109	1.087	1.068	1.053	1.041	1.032	1.026	1.022	1.021
22.	1.212	1.178	1.147	1.121	1.098	1.079	1.063	1.050	1.040	1.033	1.028	1.025	1.024
24.	1.183	1.154	1.129	1.107	1.088	1.072	1.059	1.049	1.041	1.035	1.031	1.029	1.028
26.	1.157	1.133	1.113	1.095	1.080	1.067	1.057	1.049	1.043	1.039	1.036	1.035	1.034
28.	1.133	1.115	1.098	1.084	1.073	1.064	1.057	1.051	1.048	1.046	1.044	1.044	1.044
30.	1.113	1.098	1.086	1.076	1.068	1.062	1.058	1.056	1.055	1.056	1.056	1.057	1.057
32.	1.095	1.084	1.076	1.069	1.065	1.063	1.063	1.064	1.067	1.070	1.072	1.074	1.075
34.	1.080	1.073	1.068	1.065	1.065	1.066	1.070	1.076	1.082	1.089	1.095	1.099	1.100
36.	1.067	1.064	1.062	1.063	1.066	1.072	1.081	1.091	1.103	1.115	1.125	1.132	1.134
38.	1.057	1.057	1.058	1.063	1.070	1.081	1.095	1.111	1.129	1.148	1.164	1.175	1.179
40.	1.049	1.051	1.056	1.064	1.076	1.091	1.111	1.135	1.162	1.189	1.214	1.231	1.237
42.	1.043	1.048	1.055	1.067	1.082	1.103	1.129	1.162	1.199	1.238	1.274	1.300	1.309
44.	1.039	1.046	1.056	1.070	1.089	1.115	1.148	1.189	1.238	1.291	1.341	1.379	1.393
46.	1.036	1.044	1.056	1.072	1.095	1.125	1.164	1.214	1.274	1.341	1.408	1.459	1.479
48.	1.035	1.044	1.057	1.074	1.099	1.132	1.175	1.231	1.300	1.379	1.459	1.522	1.546
50.	1.034	1.044	1.057	1.075	1.100	1.134	1.179	1.237	1.309	1.393	1.479	1.546	1.572

ROOM HEIGHT			70.0		DETECTOR HEIGHT			12.0	CEILING STRENGTH				0.1
X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	5.325	5.201	4.857	4.383	3.872	3.387	2.960	2.598	2.298	2.052	1.851	1.686	1.551
2.	5.201	5.084	4.758	4.306	3.816	3.348	2.933	2.581	2.288	2.046	1.848	1.686	1.553
4.	4.857	4.758	4.477	4.082	3.647	3.226	2.846	2.520	2.245	2.017	1.828	1.673	1.544
6.	4.383	4.306	4.082	3.762	3.400	3.042	2.712	2.423	2.175	1.966	1.792	1.647	1.526
8.	3.872	3.816	3.647	3.400	3.115	2.823	2.548	2.301	2.085	1.901	1.744	1.611	1.500
10.	3.387	3.348	3.226	3.042	2.823	2.594	2.372	2.167	1.984	1.824	1.686	1.568	1.468
12.	2.960	2.933	2.846	2.712	2.548	2.372	2.196	2.030	1.878	1.743	1.624	1.521	1.432
14.	2.598	2.581	2.520	2.423	2.301	2.167	2.030	1.898	1.773	1.661	1.560	1.471	1.393
16.	2.298	2.288	2.245	2.175	2.085	1.984	1.878	1.773	1.673	1.580	1.496	1.420	1.353
18.	2.052	2.046	2.017	1.966	1.901	1.824	1.743	1.661	1.580	1.505	1.434	1.371	1.313
20.	1.851	1.848	1.828	1.792	1.744	1.686	1.624	1.560	1.496	1.434	1.377	1.324	1.275
22.	1.686	1.686	1.673	1.647	1.611	1.568	1.521	1.471	1.420	1.371	1.324	1.280	1.240
24.	1.551	1.553	1.544	1.526	1.500	1.468	1.432	1.393	1.353	1.313	1.275	1.240	1.206
26.	1.440	1.443	1.438	1.425	1.407	1.383	1.355	1.325	1.294	1.263	1.232	1.203	1.176
28.	1.348	1.352	1.350	1.342	1.328	1.311	1.290	1.267	1.243	1.218	1.194	1.171	1.149
30.	1.272	1.277	1.277	1.272	1.262	1.250	1.234	1.217	1.198	1.179	1.160	1.142	1.125
32.	1.209	1.215	1.216	1.213	1.207	1.198	1.187	1.174	1.160	1.145	1.131	1.117	1.104
34.	1.157	1.163	1.165	1.165	1.161	1.155	1.147	1.138	1.128	1.117	1.106	1.096	1.086
36.	1.114	1.120	1.124	1.125	1.123	1.120	1.114	1.108	1.100	1.092	1.085	1.077	1.071
38.	1.079	1.086	1.090	1.092	1.092	1.090	1.087	1.083	1.078	1.072	1.067	1.062	1.058
40.	1.051	1.058	1.063	1.066	1.067	1.066	1.065	1.062	1.059	1.056	1.053	1.050	1.048
42.	1.029	1.036	1.041	1.045	1.047	1.048	1.047	1.046	1.044	1.043	1.041	1.040	1.040
44.	1.012	1.020	1.025	1.029	1.032	1.033	1.034	1.034	1.033	1.033	1.032	1.033	1.034
46.	1.001	1.008	1.014	1.018	1.021	1.023	1.025	1.025	1.026	1.026	1.026	1.028	1.030
48.	0.994	1.001	1.007	1.012	1.015	1.018	1.019	1.020	1.021	1.022	1.023	1.025	1.028
50.	0.992	0.999	1.005	1.010	1.013	1.016	1.017	1.018	1.019	1.020	1.022	1.024	1.027

ROOM HEIGHT			70.0		DETECTOR HEIGHT			14.0	CEILING STRENGTH				0.1
X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	4.069	4.005	3.815	3.539	3.224	2.906	2.608	2.343	2.114	1.918	1.754	1.615	1.499
2.	4.005	3.943	3.761	3.495	3.190	2.881	2.591	2.332	2.107	1.915	1.753	1.616	1.501
4.	3.815	3.761	3.598	3.359	3.082	2.799	2.530	2.287	2.075	1.892	1.737	1.606	1.495
6.	3.539	3.495	3.359	3.157	2.919	2.671	2.433	2.214	2.021	1.852	1.708	1.584	1.480
8.	3.224	3.190	3.082	2.919	2.723	2.515	2.311	2.121	1.950	1.799	1.667	1.554	1.458
10.	2.906	2.881	2.799	2.671	2.515	2.346	2.177	2.016	1.868	1.736	1.619	1.518	1.430
12.	2.608	2.591	2.530	2.433	2.311	2.177	2.039	1.906	1.781	1.668	1.566	1.477	1.398
14.	2.343	2.332	2.287	2.214	2.121	2.016	1.906	1.797	1.694	1.598	1.511	1.433	1.364
16.	2.114	2.107	2.075	2.021	1.950	1.868	1.781	1.694	1.609	1.529	1.455	1.388	1.328
18.	1.918	1.915	1.892	1.852	1.799	1.736	1.668	1.598	1.529	1.463	1.401	1.344	1.293
20.	1.754	1.753	1.737	1.708	1.667	1.619	1.566	1.511	1.455	1.401	1.350	1.302	1.259
22.	1.615	1.616	1.606	1.584	1.554	1.518	1.477	1.433	1.388	1.344	1.302	1.263	1.226
24.	1.499	1.501	1.495	1.480	1.458	1.430	1.398	1.364	1.328	1.293	1.259	1.226	1.195
26.	1.402	1.405	1.402	1.391	1.375	1.354	1.330	1.303	1.275	1.247	1.219	1.192	1.167
28.	1.320	1.324	1.323	1.316	1.305	1.289	1.271	1.250	1.228	1.206	1.184	1.162	1.142
30.	1.252	1.257	1.257	1.253	1.245	1.234	1.220	1.204	1.187	1.170	1.152	1.136	1.120
32.	1.194	1.200	1.202	1.200	1.195	1.187	1.177	1.165	1.152	1.139	1.125	1.112	1.100
34.	1.146	1.153	1.155	1.155	1.152	1.147	1.140	1.131	1.122	1.112	1.102	1.092	1.083
36.	1.107	1.113	1.117	1.118	1.117	1.114	1.109	1.103	1.096	1.089	1.082	1.075	1.068
38.	1.074	1.081	1.085	1.088	1.088	1.086	1.083	1.080	1.075	1.070	1.065	1.060	1.056
40.	1.048	1.055	1.060	1.063	1.064	1.064	1.063	1.060	1.057	1.054	1.051	1.048	1.046
42.	1.027	1.034	1.040	1.043	1.045	1.046	1.046	1.045	1.043	1.042	1.040	1.039	1.039
44.	1.012	1.019	1.024	1.028	1.031	1.033	1.033	1.033	1.033	1.032	1.032	1.032	1.033
46.	1.001	1.008	1.014	1.018	1.021	1.023	1.025	1.025	1.026	1.026	1.026	1.027	1.029
48.	0.994	1.002	1.007	1.012	1.015	1.018	1.019	1.020	1.021	1.022	1.023	1.024	1.026
50.	0.992	0.999	1.005	1.010	1.014	1.016	1.018	1.019	1.020	1.020	1.021	1.023	1.026

ROOM HEIGHT 70.0 DETECTOR HEIGHT 12.0 CEILING STRENGTH 0.1

X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	1.440	1.348	1.272	1.209	1.157	1.114	1.079	1.051	1.029	1.012	1.001	0.994	0.992
2.	1.443	1.352	1.277	1.215	1.163	1.120	1.086	1.058	1.036	1.020	1.008	1.001	0.999
4.	1.438	1.350	1.277	1.216	1.165	1.124	1.090	1.063	1.041	1.025	1.014	1.007	1.005
6.	1.425	1.342	1.272	1.213	1.165	1.125	1.092	1.066	1.045	1.029	1.018	1.012	1.010
8.	1.407	1.328	1.262	1.207	1.161	1.123	1.092	1.067	1.047	1.032	1.021	1.015	1.013
10.	1.383	1.311	1.250	1.198	1.155	1.120	1.090	1.066	1.048	1.033	1.023	1.018	1.016
12.	1.355	1.290	1.234	1.187	1.147	1.114	1.087	1.065	1.047	1.034	1.025	1.019	1.017
14.	1.325	1.267	1.217	1.174	1.138	1.108	1.083	1.062	1.046	1.034	1.025	1.020	1.018
16.	1.294	1.243	1.198	1.160	1.128	1.100	1.078	1.059	1.044	1.033	1.026	1.021	1.019
18.	1.263	1.218	1.179	1.145	1.117	1.092	1.072	1.056	1.043	1.033	1.026	1.022	1.020
20.	1.232	1.194	1.160	1.131	1.106	1.085	1.067	1.053	1.041	1.032	1.026	1.023	1.022
22.	1.203	1.171	1.142	1.117	1.096	1.077	1.062	1.050	1.040	1.033	1.028	1.025	1.024
24.	1.176	1.149	1.125	1.104	1.086	1.071	1.058	1.048	1.040	1.034	1.030	1.028	1.027
26.	1.151	1.129	1.109	1.092	1.078	1.065	1.056	1.048	1.042	1.037	1.034	1.033	1.032
28.	1.129	1.111	1.095	1.082	1.071	1.062	1.054	1.049	1.045	1.043	1.041	1.040	1.040
30.	1.109	1.095	1.083	1.073	1.065	1.059	1.055	1.052	1.051	1.050	1.050	1.050	1.050
32.	1.092	1.082	1.073	1.067	1.062	1.059	1.058	1.058	1.059	1.061	1.063	1.064	1.065
34.	1.078	1.071	1.065	1.062	1.061	1.061	1.063	1.067	1.071	1.076	1.080	1.083	1.084
36.	1.065	1.062	1.059	1.059	1.061	1.065	1.071	1.079	1.087	1.095	1.103	1.108	1.109
38.	1.056	1.054	1.055	1.058	1.063	1.071	1.081	1.093	1.107	1.120	1.131	1.138	1.141
40.	1.048	1.049	1.052	1.058	1.067	1.079	1.093	1.111	1.130	1.149	1.165	1.176	1.180
42.	1.042	1.045	1.051	1.059	1.071	1.087	1.107	1.130	1.155	1.181	1.204	1.220	1.226
44.	1.037	1.043	1.050	1.061	1.076	1.095	1.120	1.149	1.181	1.215	1.245	1.267	1.275
46.	1.034	1.041	1.050	1.063	1.080	1.103	1.131	1.165	1.204	1.245	1.283	1.311	1.321
48.	1.033	1.040	1.050	1.064	1.083	1.108	1.138	1.176	1.220	1.267	1.311	1.343	1.354
50.	1.032	1.040	1.050	1.065	1.084	1.109	1.141	1.180	1.226	1.275	1.321	1.354	1.367

ROOM HEIGHT 70.0 DETECTOR HEIGHT 14.0 CEILING STRENGTH 0.1

X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	1.402	1.320	1.252	1.194	1.146	1.107	1.074	1.048	1.027	1.012	1.001	0.994	0.992
2.	1.405	1.324	1.257	1.200	1.153	1.113	1.081	1.055	1.034	1.019	1.008	1.002	0.999
4.	1.402	1.323	1.257	1.202	1.155	1.117	1.085	1.060	1.040	1.024	1.014	1.007	1.005
6.	1.391	1.316	1.253	1.200	1.155	1.118	1.088	1.063	1.043	1.028	1.018	1.012	1.010
8.	1.375	1.305	1.245	1.195	1.152	1.117	1.088	1.064	1.045	1.031	1.021	1.015	1.014
10.	1.354	1.289	1.234	1.187	1.147	1.114	1.086	1.064	1.046	1.033	1.023	1.018	1.016
12.	1.330	1.271	1.220	1.177	1.140	1.109	1.083	1.063	1.046	1.033	1.025	1.019	1.018
14.	1.303	1.250	1.204	1.165	1.131	1.103	1.080	1.060	1.045	1.033	1.025	1.020	1.019
16.	1.275	1.228	1.187	1.152	1.122	1.096	1.075	1.057	1.043	1.033	1.026	1.021	1.020
18.	1.247	1.206	1.170	1.139	1.112	1.089	1.070	1.054	1.042	1.032	1.026	1.022	1.020
20.	1.219	1.184	1.152	1.125	1.102	1.082	1.065	1.051	1.040	1.032	1.026	1.023	1.021
22.	1.192	1.162	1.136	1.112	1.092	1.075	1.060	1.048	1.039	1.032	1.027	1.024	1.023
24.	1.167	1.142	1.120	1.100	1.083	1.068	1.056	1.046	1.039	1.033	1.029	1.026	1.026
26.	1.144	1.123	1.105	1.088	1.074	1.063	1.053	1.045	1.039	1.035	1.032	1.030	1.030
28.	1.123	1.106	1.091	1.078	1.068	1.058	1.051	1.046	1.041	1.039	1.037	1.036	1.035
30.	1.105	1.091	1.080	1.070	1.062	1.056	1.051	1.048	1.046	1.044	1.044	1.044	1.043
32.	1.088	1.078	1.070	1.063	1.058	1.055	1.053	1.052	1.052	1.053	1.054	1.054	1.054
34.	1.074	1.068	1.062	1.058	1.056	1.055	1.056	1.058	1.061	1.064	1.066	1.068	1.069
36.	1.063	1.058	1.056	1.055	1.055	1.057	1.061	1.066	1.072	1.078	1.083	1.086	1.087
38.	1.055	1.051	1.051	1.053	1.056	1.061	1.068	1.077	1.086	1.095	1.103	1.108	1.109
40.	1.049	1.046	1.048	1.052	1.058	1.066	1.077	1.089	1.102	1.115	1.126	1.133	1.136
42.	1.039	1.041	1.046	1.052	1.061	1.072	1.086	1.102	1.119	1.136	1.151	1.161	1.165
44.	1.035	1.039	1.044	1.053	1.064	1.078	1.095	1.115	1.136	1.158	1.177	1.189	1.194
46.	1.032	1.037	1.044	1.054	1.066	1.083	1.103	1.126	1.151	1.177	1.199	1.215	1.220
48.	1.030	1.036	1.044	1.054	1.068	1.086	1.108	1.133	1.161	1.189	1.215	1.232	1.239
50.	1.030	1.035	1.043	1.054	1.069	1.087	1.109	1.136	1.165	1.194	1.220	1.239	1.245

ROOM HEIGHT 70.0 DETECTOR HEIGHT 16.0 CEILING STRENGTH 0.1

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	3.261	3.226	3.114	2.945	2.743	2.529	2.320	2.126	1.950	1.796	1.662	1.547	1.448
2.	3.226	3.192	3.084	2.920	2.723	2.514	2.310	2.119	1.947	1.795	1.663	1.549	1.451
4.	3.114	3.084	2.985	2.835	2.653	2.458	2.267	2.086	1.923	1.778	1.651	1.541	1.446
6.	2.945	2.920	2.835	2.703	2.543	2.369	2.196	2.032	1.881	1.746	1.627	1.524	1.434
8.	2.743	2.723	2.653	2.543	2.407	2.257	2.106	1.960	1.825	1.703	1.594	1.499	1.415
10.	2.529	2.514	2.458	2.369	2.257	2.132	2.004	1.878	1.760	1.652	1.554	1.468	1.392
12.	2.320	2.310	2.267	2.196	2.106	2.004	1.897	1.791	1.690	1.596	1.510	1.433	1.364
14.	2.126	2.119	2.086	2.032	1.960	1.878	1.791	1.703	1.618	1.537	1.463	1.395	1.334
16.	1.950	1.947	1.923	1.881	1.825	1.760	1.690	1.618	1.547	1.478	1.415	1.356	1.303
18.	1.796	1.795	1.778	1.746	1.703	1.652	1.596	1.537	1.478	1.422	1.368	1.317	1.271
20.	1.662	1.663	1.651	1.627	1.594	1.554	1.510	1.463	1.415	1.368	1.322	1.280	1.241
22.	1.547	1.549	1.541	1.524	1.499	1.468	1.433	1.395	1.356	1.317	1.280	1.244	1.211
24.	1.448	1.451	1.446	1.434	1.415	1.392	1.364	1.334	1.303	1.271	1.241	1.211	1.183
26.	1.363	1.367	1.365	1.357	1.343	1.325	1.304	1.280	1.255	1.230	1.205	1.181	1.158
28.	1.291	1.296	1.296	1.290	1.280	1.267	1.251	1.233	1.213	1.193	1.173	1.153	1.134
30.	1.230	1.236	1.237	1.234	1.227	1.217	1.205	1.191	1.176	1.160	1.144	1.128	1.113
32.	1.179	1.184	1.187	1.185	1.181	1.174	1.165	1.155	1.143	1.131	1.118	1.106	1.095
34.	1.135	1.141	1.144	1.145	1.142	1.138	1.132	1.124	1.115	1.106	1.097	1.087	1.078
36.	1.099	1.105	1.109	1.110	1.110	1.107	1.103	1.098	1.091	1.085	1.078	1.071	1.065
38.	1.068	1.075	1.080	1.082	1.083	1.082	1.079	1.076	1.071	1.067	1.062	1.057	1.053
40.	1.044	1.051	1.056	1.059	1.061	1.061	1.060	1.058	1.055	1.052	1.049	1.046	1.044
42.	1.025	1.032	1.037	1.041	1.043	1.044	1.044	1.043	1.042	1.040	1.038	1.037	1.036
44.	1.010	1.017	1.023	1.027	1.030	1.031	1.032	1.032	1.032	1.031	1.030	1.030	1.030
46.	1.000	1.007	1.013	1.017	1.020	1.023	1.024	1.025	1.025	1.025	1.025	1.025	1.026
48.	0.994	1.001	1.007	1.011	1.015	1.017	1.019	1.020	1.021	1.021	1.022	1.022	1.024
50.	0.992	0.999	1.005	1.010	1.013	1.016	1.017	1.018	1.019	1.020	1.020	1.022	1.023

ROOM HEIGHT 70.0 DETECTOR HEIGHT 18.0 CEILING STRENGTH 0.1

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	2.715	2.695	2.626	2.518	2.384	2.237	2.088	1.943	1.809	1.688	1.579	1.483	1.399
2.	2.695	2.676	2.609	2.503	2.372	2.228	2.082	1.940	1.808	1.688	1.581	1.486	1.403
4.	2.626	2.609	2.546	2.448	2.326	2.190	2.051	1.917	1.790	1.675	1.572	1.480	1.400
6.	2.518	2.503	2.448	2.361	2.250	2.127	2.000	1.876	1.759	1.651	1.553	1.466	1.390
8.	2.384	2.372	2.326	2.250	2.154	2.046	1.933	1.822	1.715	1.616	1.527	1.446	1.375
10.	2.237	2.228	2.190	2.127	2.046	1.954	1.856	1.758	1.664	1.575	1.494	1.420	1.355
12.	2.088	2.082	2.051	2.000	1.933	1.856	1.773	1.689	1.607	1.529	1.457	1.391	1.331
14.	1.943	1.940	1.917	1.876	1.822	1.758	1.689	1.618	1.547	1.480	1.417	1.358	1.305
16.	1.809	1.808	1.790	1.759	1.715	1.664	1.607	1.547	1.488	1.430	1.376	1.325	1.278
18.	1.688	1.688	1.675	1.651	1.616	1.575	1.529	1.480	1.430	1.382	1.335	1.291	1.250
20.	1.579	1.581	1.572	1.553	1.527	1.494	1.457	1.417	1.376	1.335	1.295	1.258	1.223
22.	1.483	1.486	1.480	1.466	1.446	1.420	1.391	1.358	1.325	1.291	1.258	1.226	1.196
24.	1.399	1.403	1.400	1.390	1.375	1.355	1.331	1.305	1.278	1.250	1.223	1.196	1.171
26.	1.326	1.331	1.330	1.323	1.312	1.296	1.278	1.257	1.235	1.213	1.190	1.168	1.147
28.	1.263	1.268	1.269	1.265	1.257	1.245	1.231	1.215	1.197	1.179	1.161	1.143	1.126
30.	1.209	1.215	1.216	1.214	1.209	1.200	1.190	1.177	1.164	1.149	1.135	1.120	1.106
32.	1.163	1.169	1.171	1.171	1.167	1.162	1.154	1.144	1.134	1.123	1.111	1.100	1.089
34.	1.123	1.129	1.133	1.134	1.132	1.128	1.123	1.116	1.108	1.100	1.091	1.082	1.074
36.	1.090	1.096	1.101	1.102	1.102	1.100	1.096	1.092	1.086	1.080	1.073	1.067	1.061
38.	1.062	1.069	1.074	1.076	1.077	1.076	1.074	1.071	1.067	1.063	1.058	1.054	1.050
40.	1.039	1.046	1.051	1.055	1.057	1.057	1.056	1.054	1.052	1.049	1.046	1.043	1.041
42.	1.021	1.028	1.034	1.038	1.040	1.041	1.042	1.041	1.040	1.038	1.036	1.034	1.033
44.	1.008	1.015	1.021	1.025	1.028	1.030	1.030	1.031	1.030	1.029	1.029	1.028	1.028
46.	0.998	1.005	1.011	1.016	1.019	1.021	1.023	1.023	1.023	1.023	1.023	1.023	1.024
48.	0.992	1.000	1.006	1.010	1.014	1.016	1.018	1.019	1.019	1.020	1.020	1.021	1.022
50.	0.991	0.998	1.004	1.009	1.012	1.015	1.016	1.018	1.018	1.019	1.019	1.020	1.021

ROOM HEIGHT			70.0		DETECTOR HEIGHT			16.0		CEILING STRENGTH			0.1
X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	1.363	1.291	1.230	1.179	1.135	1.099	1.068	1.044	1.025	1.010	1.000	0.994	0.992
2.	1.367	1.296	1.236	1.184	1.141	1.105	1.075	1.051	1.032	1.017	1.007	1.001	0.999
4.	1.365	1.296	1.237	1.187	1.144	1.109	1.080	1.056	1.037	1.023	1.013	1.007	1.005
6.	1.357	1.290	1.234	1.185	1.145	1.110	1.082	1.059	1.041	1.027	1.017	1.011	1.010
8.	1.343	1.280	1.227	1.181	1.142	1.110	1.083	1.061	1.043	1.030	1.020	1.015	1.013
10.	1.325	1.267	1.217	1.174	1.138	1.107	1.082	1.061	1.044	1.031	1.023	1.017	1.016
12.	1.304	1.251	1.205	1.165	1.132	1.103	1.079	1.060	1.044	1.032	1.024	1.019	1.017
14.	1.280	1.233	1.191	1.155	1.124	1.098	1.076	1.058	1.043	1.032	1.025	1.020	1.018
16.	1.255	1.213	1.176	1.143	1.115	1.091	1.071	1.055	1.042	1.032	1.025	1.021	1.019
18.	1.230	1.193	1.160	1.131	1.106	1.085	1.067	1.052	1.040	1.031	1.025	1.021	1.020
20.	1.205	1.173	1.144	1.118	1.097	1.078	1.062	1.049	1.038	1.030	1.025	1.022	1.020
22.	1.181	1.153	1.128	1.106	1.087	1.071	1.057	1.046	1.037	1.030	1.025	1.022	1.022
24.	1.158	1.134	1.113	1.095	1.078	1.065	1.053	1.044	1.036	1.030	1.026	1.024	1.023
26.	1.136	1.117	1.099	1.084	1.071	1.059	1.050	1.042	1.036	1.032	1.029	1.027	1.026
28.	1.117	1.101	1.087	1.074	1.064	1.055	1.047	1.042	1.037	1.034	1.032	1.031	1.031
30.	1.099	1.087	1.076	1.066	1.058	1.051	1.046	1.043	1.040	1.038	1.037	1.037	1.037
32.	1.084	1.074	1.066	1.059	1.054	1.049	1.047	1.045	1.044	1.044	1.044	1.045	1.045
34.	1.071	1.064	1.058	1.054	1.051	1.049	1.049	1.049	1.050	1.052	1.054	1.055	1.055
36.	1.059	1.055	1.051	1.049	1.049	1.050	1.052	1.055	1.058	1.062	1.065	1.067	1.068
38.	1.050	1.047	1.046	1.047	1.049	1.052	1.056	1.062	1.068	1.076	1.079	1.082	1.084
40.	1.042	1.042	1.043	1.045	1.049	1.055	1.062	1.070	1.079	1.088	1.095	1.099	1.101
42.	1.036	1.037	1.040	1.044	1.050	1.058	1.068	1.079	1.091	1.102	1.111	1.117	1.120
44.	1.032	1.034	1.038	1.044	1.052	1.062	1.074	1.088	1.102	1.115	1.127	1.135	1.138
46.	1.029	1.032	1.037	1.044	1.054	1.065	1.079	1.095	1.111	1.127	1.141	1.150	1.153
48.	1.027	1.031	1.037	1.045	1.055	1.067	1.082	1.099	1.117	1.135	1.150	1.160	1.164
50.	1.026	1.031	1.037	1.045	1.055	1.068	1.084	1.101	1.120	1.138	1.153	1.164	1.168

ROOM HEIGHT			70.0		DETECTOR HEIGHT			18.0		CEILING STRENGTH			0.1
X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	1.326	1.263	1.209	1.163	1.123	1.090	1.062	1.039	1.021	1.008	0.998	0.992	0.991
2.	1.331	1.268	1.215	1.169	1.129	1.096	1.069	1.046	1.028	1.015	1.005	1.000	0.998
4.	1.330	1.269	1.216	1.171	1.133	1.101	1.074	1.051	1.034	1.021	1.011	1.006	1.004
6.	1.323	1.265	1.214	1.171	1.134	1.102	1.076	1.055	1.038	1.025	1.016	1.010	1.009
8.	1.312	1.257	1.209	1.167	1.132	1.102	1.077	1.057	1.040	1.028	1.019	1.014	1.012
10.	1.296	1.245	1.200	1.162	1.128	1.100	1.076	1.057	1.041	1.030	1.021	1.016	1.015
12.	1.278	1.231	1.190	1.154	1.123	1.096	1.074	1.056	1.042	1.030	1.023	1.018	1.016
14.	1.257	1.215	1.177	1.144	1.116	1.092	1.071	1.054	1.041	1.031	1.023	1.019	1.018
16.	1.235	1.197	1.164	1.134	1.108	1.086	1.067	1.052	1.040	1.030	1.023	1.019	1.018
18.	1.213	1.179	1.149	1.123	1.100	1.080	1.063	1.049	1.038	1.029	1.023	1.020	1.019
20.	1.190	1.161	1.135	1.111	1.091	1.073	1.058	1.046	1.036	1.029	1.023	1.020	1.019
22.	1.168	1.143	1.120	1.100	1.082	1.067	1.054	1.043	1.034	1.028	1.023	1.021	1.020
24.	1.147	1.126	1.106	1.089	1.074	1.061	1.050	1.041	1.033	1.028	1.024	1.022	1.021
26.	1.128	1.110	1.093	1.079	1.066	1.055	1.046	1.039	1.033	1.028	1.025	1.023	1.023
28.	1.110	1.095	1.081	1.070	1.059	1.051	1.043	1.038	1.033	1.030	1.028	1.026	1.026
30.	1.093	1.081	1.071	1.061	1.053	1.047	1.042	1.037	1.034	1.032	1.031	1.030	1.030
32.	1.079	1.070	1.061	1.054	1.049	1.044	1.041	1.039	1.037	1.036	1.036	1.036	1.036
34.	1.066	1.059	1.053	1.049	1.045	1.043	1.041	1.041	1.041	1.042	1.042	1.043	1.043
36.	1.055	1.051	1.047	1.044	1.043	1.042	1.043	1.045	1.046	1.049	1.050	1.052	1.052
38.	1.046	1.043	1.042	1.041	1.041	1.043	1.046	1.049	1.053	1.057	1.060	1.062	1.063
40.	1.039	1.038	1.037	1.039	1.041	1.045	1.049	1.055	1.060	1.066	1.070	1.073	1.074
42.	1.033	1.033	1.034	1.037	1.041	1.046	1.053	1.060	1.068	1.075	1.081	1.085	1.086
44.	1.028	1.030	1.032	1.036	1.042	1.049	1.057	1.066	1.075	1.084	1.091	1.096	1.098
46.	1.025	1.028	1.031	1.036	1.042	1.050	1.060	1.070	1.081	1.091	1.100	1.105	1.107
48.	1.023	1.026	1.030	1.036	1.043	1.052	1.062	1.073	1.085	1.096	1.105	1.111	1.114
50.	1.023	1.026	1.030	1.036	1.043	1.052	1.063	1.074	1.086	1.098	1.107	1.114	1.116

ROOM HEIGHT 70.0 DETECTOR HEIGHT 20.0 CEILING STRENGTH 0.1

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	2.332	2.321	2.277	2.205	2.114	2.010	1.901	1.793	1.690	1.593	1.505	1.426	1.355
2.	2.321	2.310	2.267	2.197	2.107	2.005	1.898	1.792	1.690	1.595	1.508	1.429	1.359
4.	2.277	2.267	2.227	2.161	2.076	1.979	1.877	1.776	1.678	1.586	1.501	1.425	1.357
6.	2.205	2.197	2.161	2.101	2.023	1.934	1.840	1.745	1.653	1.567	1.487	1.415	1.349
8.	2.114	2.107	2.076	2.023	1.955	1.875	1.790	1.704	1.620	1.540	1.466	1.398	1.337
10.	2.010	2.005	1.979	1.934	1.875	1.806	1.731	1.654	1.579	1.507	1.439	1.377	1.320
12.	1.901	1.898	1.877	1.840	1.790	1.731	1.666	1.599	1.533	1.469	1.408	1.352	1.300
14.	1.793	1.792	1.776	1.745	1.704	1.654	1.599	1.542	1.484	1.428	1.374	1.324	1.278
16	1.690	1.690	1.678	1.653	1.620	1.579	1.533	1.484	1.435	1.386	1.339	1.295	1.254
18.	1.593	1.595	1.586	1.567	1.540	1.507	1.469	1.428	1.386	1.345	1.304	1.266	1.230
20.	1.505	1.508	1.501	1.487	1.466	1.439	1.408	1.374	1.339	1.304	1.270	1.237	1.205
22.	1.426	1.429	1.425	1.415	1.398	1.377	1.352	1.324	1.295	1.266	1.237	1.208	1.181
24.	1.355	1.359	1.357	1.349	1.337	1.320	1.300	1.278	1.254	1.230	1.205	1.181	1.159
26.	1.292	1.297	1.296	1.291	1.282	1.269	1.254	1.236	1.216	1.196	1.176	1.156	1.137
28.	1.237	1.242	1.243	1.240	1.234	1.224	1.212	1.198	1.182	1.166	1.149	1.133	1.117
30.	1.189	1.195	1.197	1.195	1.191	1.184	1.175	1.164	1.152	1.139	1.125	1.112	1.099
32.	1.147	1.153	1.156	1.156	1.154	1.149	1.142	1.134	1.125	1.114	1.104	1.093	1.083
34.	1.111	1.118	1.122	1.123	1.122	1.119	1.114	1.108	1.101	1.093	1.085	1.077	1.069
36.	1.081	1.088	1.092	1.094	1.094	1.093	1.090	1.085	1.080	1.075	1.068	1.062	1.056
38.	1.056	1.062	1.067	1.070	1.071	1.071	1.069	1.066	1.063	1.059	1.054	1.050	1.046
40.	1.035	1.042	1.047	1.050	1.052	1.053	1.052	1.051	1.049	1.046	1.043	1.040	1.037
42.	1.018	1.025	1.030	1.034	1.037	1.038	1.039	1.038	1.037	1.035	1.033	1.032	1.030
44.	1.005	1.012	1.018	1.022	1.025	1.027	1.028	1.028	1.028	1.027	1.026	1.025	1.025
46.	0.996	1.003	1.009	1.014	1.017	1.020	1.021	1.022	1.022	1.022	1.021	1.021	1.021
48.	0.991	0.998	1.004	1.009	1.012	1.015	1.017	1.018	1.018	1.018	1.018	1.018	1.019
50.	0.989	0.996	1.002	1.007	1.011	1.013	1.015	1.016	1.017	1.017	1.017	1.017	1.018

ROOM HEIGHT 70.0 DETECTOR HEIGHT 22.0 CEILING STRENGTH 0.1

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	2.057	2.051	2.022	1.973	1.909	1.834	1.753	1.671	1.591	1.513	1.441	1.375	1.315
2.	2.051	2.045	2.017	1.969	1.906	1.832	1.753	1.672	1.592	1.516	1.445	1.379	1.320
4.	2.022	2.017	1.990	1.945	1.885	1.814	1.738	1.660	1.583	1.510	1.441	1.377	1.319
6.	1.973	1.969	1.945	1.903	1.847	1.782	1.711	1.638	1.565	1.495	1.430	1.369	1.313
8.	1.909	1.906	1.885	1.847	1.797	1.738	1.673	1.606	1.539	1.474	1.413	1.355	1.303
10.	1.834	1.832	1.814	1.782	1.738	1.686	1.628	1.567	1.506	1.447	1.391	1.338	1.289
12.	1.753	1.753	1.738	1.711	1.673	1.628	1.577	1.523	1.469	1.416	1.365	1.317	1.272
14.	1.671	1.672	1.660	1.638	1.606	1.567	1.523	1.477	1.429	1.382	1.337	1.293	1.253
16.	1.591	1.592	1.583	1.565	1.539	1.506	1.469	1.429	1.388	1.347	1.307	1.268	1.232
18.	1.513	1.516	1.510	1.495	1.474	1.447	1.416	1.382	1.347	1.311	1.276	1.243	1.211
20.	1.441	1.445	1.441	1.430	1.413	1.391	1.365	1.337	1.307	1.276	1.246	1.217	1.189
22.	1.375	1.379	1.377	1.369	1.355	1.338	1.317	1.293	1.268	1.243	1.217	1.192	1.168
24.	1.315	1.320	1.319	1.313	1.303	1.289	1.272	1.253	1.232	1.211	1.189	1.168	1.147
26.	1.261	1.266	1.266	1.263	1.255	1.244	1.231	1.216	1.199	1.181	1.163	1.145	1.127
28.	1.213	1.218	1.220	1.218	1.213	1.204	1.194	1.182	1.168	1.153	1.139	1.124	1.109
30.	1.170	1.176	1.178	1.178	1.175	1.169	1.161	1.151	1.140	1.129	1.117	1.104	1.093
32.	1.133	1.139	1.142	1.143	1.141	1.137	1.131	1.124	1.115	1.106	1.097	1.087	1.077
34.	1.100	1.107	1.111	1.112	1.112	1.109	1.105	1.100	1.094	1.087	1.079	1.071	1.064
36.	1.073	1.079	1.084	1.086	1.087	1.086	1.083	1.079	1.075	1.069	1.064	1.058	1.052
38.	1.049	1.056	1.061	1.064	1.065	1.065	1.064	1.062	1.059	1.055	1.051	1.046	1.042
40.	1.030	1.037	1.042	1.046	1.048	1.049	1.048	1.047	1.045	1.042	1.040	1.037	1.034
42.	1.014	1.021	1.027	1.031	1.034	1.035	1.036	1.035	1.034	1.033	1.031	1.029	1.027
44.	1.002	1.010	1.015	1.020	1.023	1.025	1.026	1.026	1.026	1.025	1.024	1.023	1.022
46.	0.994	1.001	1.007	1.012	1.015	1.018	1.019	1.020	1.020	1.020	1.019	1.019	1.018
48.	0.989	0.996	1.002	1.007	1.011	1.013	1.015	1.016	1.016	1.016	1.016	1.016	1.016
50.	0.987	0.995	1.001	1.005	1.009	1.012	1.013	1.015	1.015	1.015	1.015	1.015	1.015

ROOM HEIGHT			70.0		DETECTOR HEIGHT			20.0		CEILING STRENGTH			0.1
X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	1.292	1.237	1.189	1.147	1.111	1.081	1.056	1.035	1.018	1.005	0.996	0.991	0.989
2.	1.297	1.242	1.195	1.153	1.118	1.088	1.062	1.042	1.025	1.012	1.033	0.998	0.996
4.	1.296	1.243	1.197	1.156	1.122	1.092	1.067	1.047	1.030	1.018	1.009	1.004	1.002
6.	1.291	1.240	1.195	1.156	1.123	1.094	1.070	1.050	1.034	1.022	1.014	1.009	1.007
8.	1.282	1.234	1.191	1.154	1.122	1.094	1.071	1.052	1.037	1.025	1.017	1.012	1.011
10.	1.269	1.224	1.184	1.149	1.119	1.093	1.071	1.053	1.038	1.027	1.020	1.015	1.013
12.	1.254	1.212	1.175	1.142	1.114	1.090	1.069	1.052	1.039	1.028	1.021	1.017	1.015
14.	1.236	1.198	1.164	1.134	1.108	1.085	1.066	1.051	1.038	1.028	1.022	1.018	1.016
16.	1.216	1.182	1.152	1.125	1.101	1.080	1.063	1.049	1.037	1.028	1.022	1.018	1.017
18.	1.196	1.166	1.139	1.114	1.093	1.075	1.059	1.046	1.035	1.027	1.022	1.018	1.017
20.	1.176	1.149	1.125	1.104	1.085	1.068	1.054	1.043	1.033	1.026	1.021	1.018	1.017
22.	1.156	1.133	1.112	1.093	1.077	1.062	1.050	1.040	1.032	1.025	1.021	1.018	1.017
24.	1.137	1.117	1.099	1.083	1.069	1.056	1.046	1.037	1.030	1.025	1.021	1.019	1.018
26.	1.119	1.102	1.087	1.074	1.061	1.051	1.042	1.035	1.029	1.025	1.022	1.020	1.019
28.	1.102	1.089	1.076	1.065	1.055	1.046	1.039	1.033	1.029	1.025	1.023	1.022	1.021
30.	1.087	1.076	1.066	1.057	1.049	1.042	1.037	1.033	1.029	1.027	1.025	1.024	1.024
32.	1.074	1.065	1.057	1.050	1.044	1.039	1.035	1.033	1.031	1.029	1.028	1.028	1.028
34.	1.061	1.055	1.049	1.044	1.040	1.037	1.035	1.034	1.033	1.033	1.033	1.033	1.033
36.	1.051	1.046	1.042	1.039	1.037	1.036	1.035	1.036	1.036	1.037	1.038	1.039	1.039
38.	1.042	1.039	1.037	1.035	1.035	1.035	1.036	1.038	1.040	1.043	1.044	1.046	1.046
40.	1.035	1.033	1.033	1.033	1.034	1.036	1.038	1.041	1.045	1.048	1.051	1.053	1.054
42.	1.029	1.029	1.029	1.031	1.033	1.036	1.040	1.045	1.050	1.054	1.058	1.061	1.061
44.	1.025	1.025	1.027	1.029	1.033	1.037	1.043	1.048	1.054	1.060	1.065	1.068	1.069
46.	1.022	1.023	1.025	1.028	1.033	1.038	1.044	1.051	1.058	1.065	1.070	1.073	1.075
48.	1.020	1.022	1.024	1.028	1.033	1.039	1.046	1.053	1.061	1.068	1.073	1.077	1.078
50.	1.019	1.021	1.024	1.028	1.033	1.039	1.046	1.054	1.061	1.069	1.075	1.078	1.080

ROOM HEIGHT			70.0		DETECTOR HEIGHT			22.0		CEILING STRENGTH			0.1
X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	1.261	1.213	1.170	1.133	1.100	1.073	1.049	1.030	1.014	1.002	0.994	0.989	0.987
2.	1.266	1.218	1.176	1.139	1.107	1.079	1.056	1.037	1.021	1.010	1.001	0.996	0.995
4.	1.266	1.220	1.178	1.142	1.111	1.084	1.061	1.042	1.027	1.015	1.007	1.002	1.001
6.	1.263	1.218	1.178	1.143	1.112	1.086	1.064	1.046	1.031	1.020	1.012	1.007	1.005
8.	1.255	1.213	1.175	1.141	1.112	1.087	1.065	1.048	1.034	1.023	1.015	1.011	1.009
10.	1.244	1.204	1.169	1.137	1.109	1.086	1.065	1.049	1.035	1.025	1.018	1.013	1.012
12.	1.231	1.194	1.161	1.131	1.105	1.083	1.064	1.048	1.036	1.026	1.019	1.015	1.013
14.	1.216	1.182	1.151	1.124	1.100	1.079	1.062	1.047	1.035	1.026	1.020	1.016	1.015
16.	1.199	1.168	1.140	1.115	1.094	1.075	1.059	1.045	1.034	1.026	1.020	1.016	1.015
18.	1.181	1.153	1.129	1.106	1.087	1.069	1.055	1.042	1.033	1.025	1.020	1.016	1.015
20.	1.163	1.139	1.117	1.097	1.079	1.064	1.051	1.040	1.031	1.024	1.019	1.016	1.015
22.	1.145	1.124	1.104	1.087	1.071	1.058	1.046	1.037	1.029	1.023	1.019	1.016	1.015
24.	1.127	1.109	1.093	1.077	1.064	1.052	1.042	1.034	1.027	1.022	1.018	1.016	1.015
26.	1.111	1.095	1.081	1.068	1.057	1.047	1.038	1.031	1.026	1.021	1.018	1.016	1.016
28.	1.095	1.082	1.071	1.060	1.050	1.042	1.035	1.029	1.025	1.021	1.019	1.017	1.017
30.	1.081	1.071	1.061	1.052	1.044	1.038	1.032	1.028	1.024	1.022	1.020	1.019	1.019
32.	1.068	1.060	1.052	1.045	1.039	1.034	1.030	1.027	1.025	1.023	1.022	1.021	1.021
34.	1.057	1.050	1.044	1.039	1.035	1.032	1.029	1.027	1.026	1.025	1.025	1.024	1.024
36.	1.047	1.042	1.038	1.034	1.032	1.030	1.028	1.028	1.028	1.028	1.028	1.028	1.028
38.	1.038	1.035	1.032	1.030	1.029	1.028	1.028	1.029	1.030	1.031	1.032	1.033	1.033
40.	1.031	1.029	1.028	1.027	1.027	1.028	1.029	1.031	1.033	1.035	1.036	1.037	1.038
42.	1.026	1.025	1.024	1.025	1.026	1.028	1.030	1.033	1.036	1.038	1.041	1.042	1.043
44.	1.021	1.021	1.022	1.023	1.025	1.028	1.031	1.035	1.038	1.042	1.045	1.047	1.047
46.	1.018	1.019	1.020	1.022	1.025	1.028	1.032	1.036	1.041	1.045	1.048	1.050	1.051
48.	1.016	1.017	1.019	1.021	1.024	1.028	1.033	1.037	1.042	1.047	1.050	1.053	1.053
50.	1.016	1.017	1.019	1.021	1.024	1.028	1.033	1.038	1.043	1.047	1.051	1.053	1.054

ROOM HEIGHT	70.0	DETECTOR HEIGHT	24.0	CEILING STRENGTH	0.1

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	1.856	1.854	1.834	1.800	1.754	1.698	1.637	1.574	1.510	1.447	1.388	1.332	1.281
2.	1.854	1.851	1.833	1.799	1.753	1.698	1.638	1.575	1.512	1.451	1.392	1.336	1.285
4.	1.834	1.833	1.815	1.782	1.739	1.686	1.628	1.567	1.506	1.446	1.389	1.335	1.286
6.	1.800	1.799	1.782	1.753	1.712	1.663	1.608	1.551	1.492	1.435	1.381	1.329	1.281
8.	1.754	1.753	1.739	1.712	1.675	1.630	1.579	1.526	1.472	1.419	1.367	1.319	1.273
10.	1.698	1.698	1.686	1.663	1.630	1.589	1.544	1.495	1.446	1.397	1.349	1.304	1.262
12.	1.637	1.638	1.628	1.608	1.579	1.544	1.503	1.460	1.416	1.371	1.328	1.286	1.247
14.	1.574	1.575	1.567	1.551	1.526	1.495	1.460	1.422	1.382	1.343	1.304	1.266	1.231
16.	1.510	1.512	1.506	1.492	1.472	1.446	1.416	1.382	1.348	1.313	1.278	1.244	1.213
18.	1.447	1.451	1.446	1.435	1.419	1.397	1.371	1.343	1.313	1.282	1.252	1.222	1.194
20.	1.388	1.392	1.389	1.381	1.367	1.349	1.328	1.304	1.278	1.252	1.225	1.199	1.174
22.	1.332	1.336	1.335	1.329	1.319	1.304	1.286	1.266	1.244	1.222	1.199	1.177	1.155
24.	1.281	1.285	1.286	1.281	1.273	1.262	1.247	1.231	1.213	1.194	1.174	1.155	1.136
26.	1.234	1.239	1.240	1.238	1.232	1.223	1.211	1.198	1.183	1.167	1.151	1.134	1.118
28.	1.191	1.197	1.199	1.198	1.194	1.187	1.178	1.167	1.155	1.142	1.129	1.115	1.102
30.	1.153	1.159	1.162	1.162	1.160	1.155	1.148	1.140	1.130	1.119	1.108	1.097	1.086
32.	1.120	1.126	1.129	1.131	1.129	1.126	1.121	1.115	1.107	1.099	1.090	1.081	1.072
34.	1.090	1.097	1.101	1.103	1.103	1.101	1.097	1.093	1.087	1.081	1.074	1.066	1.059
36.	1.065	1.071	1.076	1.079	1.080	1.079	1.077	1.074	1.069	1.065	1.059	1.054	1.048
38.	1.043	1.050	1.055	1.058	1.060	1.060	1.059	1.057	1.054	1.051	1.047	1.043	1.039
40.	1.025	1.032	1.038	1.041	1.044	1.045	1.045	1.044	1.042	1.039	1.037	1.034	1.031
42.	1.011	1.018	1.023	1.028	1.030	1.032	1.033	1.032	1.031	1.030	1.028	1.026	1.024
44.	1.000	1.007	1.013	1.017	1.020	1.022	1.024	1.024	1.023	1.023	1.022	1.020	1.019
46.	0.992	0.999	1.005	1.010	1.013	1.015	1.017	1.018	1.018	1.018	1.017	1.016	1.016
48.	0.987	0.994	1.000	1.005	1.009	1.011	1.013	1.014	1.015	1.014	1.014	1.014	1.013
50.	0.986	0.993	0.999	1.004	1.007	1.010	1.012	1.013	1.013	1.013	1.013	1.013	1.013

ROOM HEIGHT	70.0	DETECTOR HEIGHT	26.0	CEILING STRENGTH	0.1

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	1.710	1.710	1.696	1.672	1.637	1.595	1.547	1.497	1.445	1.394	1.344	1.296	1.252
2.	1.710	1.709	1.696	1.672	1.638	1.596	1.550	1.500	1.449	1.398	1.348	1.301	1.257
4.	1.696	1.696	1.684	1.661	1.628	1.588	1.543	1.494	1.445	1.395	1.347	1.301	1.258
6.	1.672	1.672	1.661	1.639	1.608	1.570	1.528	1.482	1.434	1.387	1.341	1.296	1.255
8.	1.637	1.638	1.628	1.608	1.580	1.545	1.505	1.462	1.418	1.373	1.330	1.288	1.248
10.	1.595	1.596	1.588	1.570	1.545	1.513	1.477	1.438	1.397	1.355	1.315	1.276	1.239
12.	1.547	1.550	1.543	1.528	1.505	1.477	1.444	1.409	1.372	1.334	1.297	1.261	1.226
14.	1.497	1.500	1.494	1.482	1.462	1.438	1.409	1.377	1.344	1.310	1.276	1.243	1.212
16.	1.445	1.449	1.445	1.434	1.418	1.397	1.372	1.344	1.314	1.284	1.254	1.224	1.196
18.	1.394	1.398	1.395	1.387	1.373	1.355	1.334	1.310	1.284	1.258	1.231	1.204	1.179
20.	1.344	1.348	1.347	1.341	1.330	1.315	1.297	1.276	1.254	1.231	1.207	1.184	1.162
22.	1.296	1.301	1.301	1.296	1.288	1.276	1.261	1.243	1.224	1.204	1.184	1.164	1.144
24.	1.252	1.257	1.258	1.255	1.248	1.239	1.226	1.212	1.196	1.179	1.162	1.144	1.127
26.	1.210	1.216	1.218	1.216	1.211	1.204	1.194	1.182	1.169	1.155	1.140	1.125	1.111
28.	1.173	1.179	1.181	1.181	1.178	1.172	1.164	1.155	1.144	1.132	1.120	1.107	1.095
30.	1.139	1.145	1.148	1.149	1.147	1.143	1.137	1.129	1.121	1.111	1.101	1.091	1.081
32.	1.108	1.115	1.118	1.120	1.119	1.117	1.112	1.107	1.100	1.092	1.084	1.076	1.067
34.	1.081	1.088	1.092	1.094	1.095	1.093	1.091	1.086	1.081	1.075	1.069	1.062	1.055
36.	1.058	1.065	1.069	1.072	1.073	1.073	1.071	1.068	1.065	1.060	1.055	1.050	1.045
38.	1.038	1.045	1.050	1.053	1.055	1.056	1.055	1.053	1.051	1.047	1.044	1.040	1.036
40.	1.021	1.028	1.034	1.037	1.040	1.041	1.041	1.040	1.039	1.036	1.034	1.031	1.028
42.	1.008	1.015	1.020	1.025	1.027	1.029	1.030	1.030	1.029	1.027	1.026	1.024	1.022
44.	0.997	1.004	1.010	1.015	1.018	1.020	1.021	1.022	1.021	1.021	1.019	1.018	1.017
46.	0.990	0.997	1.003	1.008	1.011	1.014	1.015	1.016	1.016	1.016	1.015	1.014	1.013
48.	0.985	0.993	0.999	1.003	1.007	1.010	1.011	1.012	1.013	1.013	1.012	1.012	1.011
50.	0.984	0.991	0.997	1.002	1.006	1.008	1.010	1.011	1.012	1.012	1.011	1.011	1.010

ROOM HEIGHT			70.0		DETECTOR HEIGHT			24.0		CEILING STRENGTH			0.1
X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	1.234	1.191	1.153	1.120	1.090	1.065	1.043	1.025	1.011	1.000	0.992	0.987	0.986
2.	1.239	1.197	1.159	1.126	1.097	1.071	1.050	1.032	1.018	1.007	0.999	0.994	0.993
4.	1.240	1.199	1.162	1.129	1.101	1.076	1.055	1.038	1.023	1.013	1.005	1.000	0.999
6.	1.238	1.198	1.162	1.131	1.103	1.079	1.058	1.041	1.028	1.017	1.010	1.005	1.004
8.	1.232	1.194	1.160	1.129	1.103	1.080	1.060	1.044	1.030	1.020	1.013	1.009	1.007
10.	1.223	1.187	1.155	1.126	1.101	1.079	1.060	1.045	1.032	1.022	1.015	1.011	1.010
12.	1.211	1.178	1.148	1.121	1.097	1.077	1.059	1.045	1.033	1.024	1.017	1.013	1.012
14.	1.198	1.167	1.140	1.115	1.093	1.074	1.057	1.044	1.032	1.024	1.018	1.014	1.013
16.	1.183	1.155	1.130	1.107	1.087	1.069	1.054	1.042	1.031	1.023	1.018	1.015	1.013
18.	1.167	1.142	1.119	1.099	1.081	1.065	1.051	1.039	1.030	1.023	1.018	1.014	1.013
20.	1.151	1.129	1.108	1.090	1.074	1.059	1.047	1.037	1.028	1.022	1.017	1.014	1.013
22.	1.134	1.115	1.097	1.081	1.066	1.054	1.043	1.034	1.026	1.020	1.016	1.014	1.013
24.	1.118	1.102	1.086	1.072	1.059	1.048	1.039	1.031	1.024	1.019	1.016	1.013	1.013
26.	1.103	1.089	1.076	1.063	1.053	1.043	1.035	1.028	1.022	1.018	1.015	1.013	1.013
28.	1.089	1.077	1.066	1.055	1.046	1.038	1.031	1.026	1.021	1.018	1.015	1.014	1.013
30.	1.076	1.066	1.056	1.048	1.040	1.034	1.028	1.024	1.020	1.017	1.016	1.014	1.014
32.	1.063	1.055	1.048	1.041	1.035	1.030	1.026	1.022	1.020	1.018	1.016	1.016	1.015
34.	1.053	1.046	1.040	1.035	1.031	1.027	1.024	1.022	1.020	1.019	1.018	1.017	1.017
36.	1.043	1.038	1.034	1.030	1.027	1.024	1.023	1.021	1.021	1.020	1.020	1.020	1.020
38.	1.035	1.031	1.028	1.026	1.024	1.023	1.022	1.022	1.022	1.022	1.022	1.022	1.023
40.	1.028	1.026	1.024	1.022	1.022	1.021	1.022	1.022	1.023	1.024	1.025	1.025	1.026
42.	1.022	1.021	1.020	1.020	1.020	1.021	1.022	1.023	1.025	1.026	1.028	1.028	1.029
44.	1.018	1.018	1.017	1.018	1.019	1.020	1.022	1.024	1.026	1.028	1.030	1.031	1.032
46.	1.015	1.015	1.016	1.016	1.018	1.020	1.022	1.025	1.028	1.030	1.032	1.033	1.034
48.	1.013	1.014	1.014	1.016	1.017	1.020	1.022	1.025	1.028	1.031	1.033	1.035	1.035
50.	1.013	1.013	1.014	1.015	1.017	1.020	1.023	1.026	1.029	1.032	1.034	1.035	1.036

ROOM HEIGHT			70.0		DETECTOR HEIGHT			26.0		CEILING STRENGTH			0.1
X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	1.210	1.173	1.139	1.108	1.081	1.058	1.038	1.021	1.008	0.997	0.990	0.985	0.984
2.	1.216	1.179	1.145	1.115	1.088	1.065	1.045	1.028	1.015	1.004	0.997	0.993	0.991
4.	1.218	1.181	1.148	1.118	1.092	1.069	1.050	1.034	1.020	1.010	1.003	0.999	0.997
6.	1.216	1.181	1.149	1.120	1.094	1.072	1.053	1.037	1.025	1.015	1.008	1.003	1.002
8.	1.211	1.178	1.147	1.119	1.095	1.073	1.055	1.040	1.027	1.018	1.011	1.007	1.006
10.	1.204	1.172	1.143	1.117	1.093	1.073	1.056	1.041	1.029	1.020	1.014	1.010	1.008
12.	1.194	1.164	1.137	1.112	1.091	1.071	1.055	1.041	1.030	1.021	1.015	1.011	1.010
14.	1.182	1.155	1.129	1.107	1.086	1.068	1.053	1.040	1.030	1.022	1.016	1.012	1.011
16.	1.169	1.144	1.121	1.100	1.081	1.065	1.051	1.039	1.029	1.021	1.016	1.013	1.012
18.	1.155	1.132	1.111	1.092	1.075	1.060	1.047	1.036	1.027	1.021	1.016	1.013	1.012
20.	1.140	1.120	1.101	1.084	1.069	1.055	1.044	1.034	1.026	1.019	1.015	1.012	1.011
22.	1.125	1.107	1.091	1.076	1.062	1.050	1.040	1.031	1.024	1.018	1.014	1.012	1.011
24.	1.111	1.095	1.081	1.067	1.055	1.045	1.036	1.028	1.022	1.017	1.013	1.011	1.010
26.	1.096	1.083	1.071	1.059	1.049	1.040	1.032	1.025	1.020	1.015	1.012	1.011	1.010
28.	1.083	1.072	1.061	1.051	1.042	1.035	1.028	1.022	1.018	1.014	1.012	1.010	1.010
30.	1.071	1.061	1.052	1.044	1.037	1.030	1.025	1.020	1.017	1.014	1.012	1.011	1.010
32.	1.059	1.051	1.044	1.037	1.031	1.026	1.022	1.018	1.016	1.013	1.012	1.011	1.011
34.	1.049	1.042	1.037	1.031	1.027	1.023	1.020	1.017	1.015	1.013	1.012	1.012	1.012
36.	1.040	1.035	1.030	1.026	1.023	1.020	1.018	1.016	1.015	1.014	1.013	1.013	1.013
38.	1.032	1.028	1.025	1.022	1.020	1.018	1.016	1.016	1.015	1.015	1.015	1.015	1.015
40.	1.025	1.022	1.020	1.018	1.017	1.016	1.016	1.015	1.016	1.016	1.016	1.016	1.016
42.	1.020	1.018	1.017	1.016	1.015	1.015	1.015	1.016	1.016	1.017	1.018	1.018	1.018
44.	1.015	1.014	1.014	1.013	1.013	1.014	1.015	1.016	1.017	1.018	1.019	1.020	1.020
46.	1.012	1.012	1.012	1.012	1.012	1.013	1.015	1.016	1.018	1.019	1.020	1.021	1.021
48.	1.011	1.010	1.011	1.011	1.012	1.013	1.015	1.016	1.018	1.020	1.021	1.022	1.022
50.	1.010	1.010	1.010	1.011	1.012	1.013	1.015	1.016	1.018	1.020	1.021	1.022	1.023

ROOM HEIGHT 70.0 DETECTOR HEIGHT 28.0 CEILING STRENGTH 0.1

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	1.605	1.606	1.596	1.578	1.551	1.518	1.480	1.439	1.396	1.352	1.309	1.268	1.229
2.	1.606	1.607	1.598	1.580	1.553	1.520	1.483	1.442	1.399	1.356	1.314	1.273	1.234
4.	1.596	1.598	1.589	1.572	1.546	1.515	1.478	1.439	1.397	1.355	1.314	1.274	1.236
6.	1.578	1.580	1.572	1.555	1.532	1.501	1.467	1.429	1.389	1.349	1.309	1.270	1.234
8.	1.551	1.553	1.546	1.532	1.509	1.481	1.449	1.413	1.376	1.338	1.300	1.263	1.228
10.	1.518	1.520	1.515	1.501	1.481	1.456	1.426	1.393	1.358	1.323	1.287	1.253	1.220
12.	1.480	1.483	1.478	1.467	1.449	1.426	1.399	1.369	1.337	1.305	1.272	1.240	1.209
14.	1.439	1.442	1.439	1.429	1.413	1.393	1.369	1.342	1.313	1.284	1.254	1.225	1.196
16.	1.396	1.399	1.397	1.389	1.376	1.358	1.337	1.313	1.288	1.261	1.234	1.208	1.182
18.	1.352	1.356	1.355	1.349	1.338	1.323	1.305	1.284	1.261	1.238	1.214	1.190	1.167
20.	1.309	1.314	1.314	1.309	1.300	1.287	1.272	1.254	1.234	1.214	1.193	1.172	1.151
22.	1.268	1.273	1.274	1.270	1.263	1.253	1.240	1.225	1.208	1.190	1.172	1.153	1.135
24.	1.229	1.234	1.236	1.234	1.228	1.220	1.209	1.196	1.182	1.167	1.151	1.135	1.119
26.	1.192	1.198	1.200	1.199	1.195	1.189	1.180	1.169	1.158	1.145	1.131	1.118	1.104
28.	1.158	1.164	1.167	1.167	1.164	1.160	1.153	1.144	1.135	1.124	1.113	1.101	1.089
30.	1.127	1.133	1.137	1.138	1.136	1.133	1.128	1.121	1.113	1.104	1.095	1.085	1.076
32.	1.099	1.105	1.109	1.111	1.111	1.109	1.105	1.100	1.094	1.087	1.079	1.071	1.063
34.	1.074	1.081	1.085	1.088	1.088	1.087	1.085	1.081	1.076	1.071	1.065	1.058	1.052
36.	1.052	1.059	1.064	1.067	1.068	1.068	1.067	1.064	1.061	1.056	1.052	1.047	1.042
38.	1.033	1.040	1.045	1.049	1.051	1.052	1.051	1.050	1.047	1.044	1.041	1.037	1.033
40.	1.018	1.025	1.030	1.034	1.037	1.038	1.038	1.037	1.036	1.034	1.031	1.028	1.025
42.	1.005	1.012	1.018	1.022	1.025	1.027	1.028	1.027	1.027	1.025	1.024	1.021	1.019
44.	0.995	1.002	1.008	1.012	1.016	1.018	1.019	1.020	1.020	1.019	1.018	1.016	1.015
46.	0.988	0.995	1.001	1.006	1.009	1.012	1.013	1.014	1.014	1.014	1.013	1.012	1.011
48.	0.984	0.991	0.997	1.002	1.005	1.008	1.010	1.011	1.011	1.011	1.011	1.010	1.009
50.	0.982	0.990	0.996	1.000	1.004	1.007	1.009	1.010	1.010	1.010	1.010	1.009	1.009

ROOM HEIGHT 70.0 DETECTOR HEIGHT 30.0 CEILING STRENGTH 0.1

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	1.532	1.533	1.527	1.512	1.491	1.464	1.432	1.397	1.360	1.322	1.284	1.247	1.211
2.	1.533	1.536	1.529	1.515	1.494	1.467	1.435	1.401	1.364	1.326	1.289	1.252	1.217
4.	1.527	1.529	1.523	1.509	1.489	1.463	1.432	1.398	1.363	1.326	1.289	1.253	1.219
6.	1.512	1.515	1.509	1.496	1.477	1.452	1.423	1.391	1.356	1.321	1.286	1.251	1.218
8.	1.491	1.494	1.489	1.477	1.459	1.436	1.408	1.378	1.345	1.312	1.278	1.245	1.213
10.	1.464	1.467	1.463	1.452	1.436	1.414	1.389	1.360	1.330	1.299	1.267	1.236	1.206
12.	1.432	1.435	1.432	1.423	1.408	1.389	1.366	1.340	1.312	1.283	1.253	1.224	1.196
14.	1.397	1.401	1.398	1.391	1.378	1.360	1.340	1.316	1.291	1.264	1.237	1.211	1.185
16.	1.360	1.364	1.363	1.356	1.345	1.330	1.312	1.291	1.268	1.244	1.220	1.196	1.172
18.	1.322	1.326	1.326	1.321	1.312	1.299	1.283	1.264	1.244	1.223	1.201	1.179	1.158
20.	1.284	1.289	1.289	1.286	1.278	1.267	1.253	1.237	1.220	1.201	1.182	1.162	1.143
22.	1.247	1.252	1.253	1.251	1.245	1.236	1.224	1.211	1.196	1.179	1.162	1.145	1.128
24.	1.211	1.217	1.219	1.218	1.213	1.206	1.196	1.185	1.172	1.158	1.143	1.128	1.113
26.	1.178	1.184	1.186	1.186	1.183	1.177	1.169	1.160	1.149	1.137	1.125	1.112	1.099
28.	1.147	1.153	1.156	1.156	1.154	1.150	1.144	1.136	1.127	1.117	1.107	1.096	1.085
30.	1.118	1.124	1.128	1.129	1.128	1.125	1.121	1.115	1.107	1.099	1.090	1.081	1.072
32.	1.092	1.098	1.102	1.104	1.104	1.103	1.099	1.095	1.089	1.082	1.075	1.068	1.060
34.	1.068	1.075	1.079	1.082	1.083	1.082	1.080	1.077	1.072	1.067	1.061	1.055	1.049
36.	1.048	1.054	1.059	1.063	1.064	1.064	1.063	1.061	1.058	1.054	1.049	1.044	1.039
38.	1.030	1.037	1.042	1.046	1.048	1.049	1.048	1.047	1.045	1.042	1.038	1.035	1.031
40.	1.015	1.022	1.027	1.031	1.034	1.036	1.036	1.035	1.034	1.032	1.029	1.026	1.024
42.	1.003	1.010	1.015	1.020	1.023	1.025	1.026	1.026	1.025	1.024	1.022	1.020	1.018
44.	0.993	1.000	1.006	1.011	1.014	1.016	1.018	1.018	1.018	1.017	1.016	1.015	1.013
46.	0.986	0.994	1.000	1.004	1.008	1.010	1.012	1.013	1.013	1.013	1.012	1.011	1.010
48.	0.982	0.990	0.996	1.000	1.004	1.007	1.009	1.010	1.010	1.010	1.009	1.009	1.008
50.	0.981	0.988	0.994	0.999	1.003	1.006	1.008	1.009	1.009	1.009	1.009	1.008	1.007

ROOM HEIGHT			70.0		DETECTOR HEIGHT			28.0		CEILING STRENGTH			0.1
X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	1.192	1.158	1.127	1.099	1.074	1.052	1.033	1.018	1.005	0.995	0.988	0.984	0.982
2.	1.198	1.164	1.133	1.105	1.081	1.059	1.040	1.025	1.012	1.002	0.995	0.991	0.990
4.	1.200	1.167	1.137	1.109	1.085	1.064	1.045	1.030	1.018	1.008	1.001	0.997	0.996
6.	1.199	1.167	1.138	1.111	1.088	1.067	1.049	1.034	1.022	1.012	1.006	1.002	1.000
8.	1.195	1.164	1.136	1.111	1.088	1.068	1.051	1.037	1.025	1.016	1.009	1.005	1.004
10.	1.189	1.160	1.133	1.109	1.087	1.068	1.052	1.038	1.027	1.018	1.012	1.008	1.007
12.	1.180	1.153	1.128	1.105	1.085	1.067	1.051	1.038	1.028	1.019	1.013	1.010	1.009
14.	1.169	1.144	1.121	1.100	1.081	1.064	1.050	1.037	1.027	1.020	1.014	1.011	1.010
16.	1.158	1.135	1.113	1.094	1.076	1.061	1.047	1.036	1.027	1.020	1.014	1.011	1.010
18.	1.145	1.124	1.104	1.087	1.071	1.056	1.044	1.034	1.025	1.019	1.014	1.011	1.010
20.	1.131	1.113	1.095	1.079	1.065	1.052	1.041	1.031	1.024	1.018	1.013	1.011	1.010
22.	1.118	1.101	1.085	1.071	1.058	1.047	1.037	1.028	1.021	1.016	1.012	1.010	1.009
24.	1.104	1.089	1.076	1.063	1.052	1.042	1.033	1.025	1.019	1.015	1.011	1.009	1.009
26.	1.091	1.078	1.066	1.055	1.045	1.037	1.029	1.023	1.017	1.013	1.010	1.008	1.008
28.	1.078	1.067	1.057	1.048	1.039	1.032	1.025	1.020	1.015	1.012	1.009	1.008	1.007
30.	1.066	1.057	1.049	1.041	1.034	1.027	1.022	1.017	1.014	1.011	1.009	1.007	1.007
32.	1.055	1.048	1.041	1.034	1.028	1.023	1.019	1.015	1.012	1.010	1.008	1.007	1.007
34.	1.045	1.039	1.034	1.028	1.024	1.020	1.016	1.013	1.011	1.009	1.008	1.007	1.007
36.	1.037	1.032	1.027	1.023	1.020	1.017	1.014	1.012	1.010	1.009	1.008	1.008	1.008
38.	1.029	1.025	1.022	1.019	1.016	1.014	1.012	1.011	1.010	1.009	1.009	1.009	1.009
40.	1.023	1.020	1.017	1.015	1.013	1.012	1.011	1.010	1.010	1.010	1.010	1.010	1.010
42.	1.017	1.015	1.014	1.012	1.011	1.010	1.010	1.010	1.010	1.010	1.010	1.010	1.011
44.	1.013	1.012	1.011	1.010	1.009	1.009	1.009	1.010	1.010	1.011	1.011	1.011	1.011
46.	1.010	1.009	1.009	1.008	1.008	1.008	1.009	1.010	1.010	1.011	1.012	1.012	1.012
48.	1.008	1.008	1.007	1.007	1.007	1.008	1.009	1.010	1.010	1.011	1.012	1.013	1.013
50.	1.008	1.007	1.007	1.007	1.007	1.008	1.009	1.010	1.011	1.011	1.012	1.013	1.013

ROOM HEIGHT			70.0		DETECTOR HEIGHT			30.0		CEILING STRENGTH			0.1
X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	1.178	1.147	1.118	1.092	1.068	1.048	1.030	1.015	1.003	0.993	0.986	0.982	0.981
2.	1.184	1.153	1.124	1.098	1.075	1.054	1.037	1.022	1.010	1.000	0.994	0.990	0.988
4.	1.186	1.156	1.128	1.102	1.079	1.059	1.042	1.027	1.015	1.006	1.000	0.996	0.994
6.	1.186	1.156	1.129	1.104	1.082	1.063	1.046	1.031	1.020	1.011	1.004	1.000	0.999
8.	1.183	1.154	1.128	1.104	1.083	1.064	1.048	1.034	1.023	1.014	1.008	1.004	1.003
10.	1.177	1.150	1.125	1.103	1.082	1.064	1.049	1.036	1.025	1.016	1.010	1.007	1.006
12.	1.169	1.144	1.121	1.099	1.080	1.063	1.048	1.036	1.026	1.018	1.012	1.009	1.008
14.	1.160	1.136	1.115	1.095	1.077	1.061	1.047	1.035	1.026	1.018	1.013	1.010	1.009
16.	1.149	1.127	1.107	1.089	1.072	1.058	1.045	1.034	1.025	1.018	1.013	1.010	1.009
18.	1.137	1.117	1.099	1.082	1.067	1.054	1.042	1.032	1.024	1.017	1.013	1.010	1.009
20.	1.125	1.107	1.090	1.075	1.061	1.049	1.038	1.029	1.022	1.016	1.012	1.009	1.009
22.	1.112	1.096	1.081	1.068	1.055	1.044	1.035	1.026	1.020	1.015	1.011	1.009	1.008
24.	1.099	1.085	1.072	1.060	1.049	1.039	1.031	1.024	1.018	1.013	1.010	1.008	1.007
26.	1.086	1.074	1.063	1.052	1.043	1.034	1.027	1.021	1.015	1.011	1.008	1.007	1.006
28.	1.074	1.064	1.054	1.045	1.037	1.030	1.023	1.018	1.013	1.010	1.007	1.006	1.005
30.	1.063	1.054	1.046	1.038	1.031	1.025	1.020	1.015	1.011	1.008	1.006	1.005	1.005
32.	1.052	1.045	1.038	1.032	1.026	1.021	1.016	1.013	1.010	1.007	1.006	1.005	1.004
34.	1.043	1.037	1.031	1.026	1.021	1.017	1.014	1.011	1.008	1.006	1.005	1.004	1.004
36.	1.034	1.030	1.025	1.021	1.017	1.014	1.011	1.009	1.007	1.006	1.005	1.004	1.004
38.	1.027	1.023	1.020	1.016	1.014	1.011	1.009	1.008	1.006	1.005	1.005	1.004	1.004
40.	1.021	1.018	1.015	1.013	1.011	1.009	1.008	1.006	1.006	1.005	1.005	1.005	1.005
42.	1.015	1.013	1.011	1.010	1.008	1.007	1.006	1.006	1.005	1.005	1.005	1.005	1.005
44.	1.011	1.010	1.008	1.007	1.006	1.006	1.005	1.005	1.005	1.005	1.005	1.006	1.006
46.	1.008	1.007	1.006	1.006	1.005	1.005	1.005	1.005	1.005	1.005	1.006	1.006	1.006
48.	1.007	1.006	1.005	1.005	1.004	1.004	1.004	1.005	1.005	1.006	1.006	1.006	1.006
50.	1.006	1.005	1.005	1.004	1.004	1.004	1.004	1.005	1.005	1.006	1.006	1.006	1.006

ROOM HEIGHT 70.0 DETECTOR HEIGHT 32.0 CEILING STRENGTH 0.1

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	1.485	1.488	1.483	1.471	1.452	1.429	1.401	1.369	1.336	1.302	1.267	1.233	1.200
2.	1.488	1.491	1.486	1.474	1.456	1.432	1.404	1.374	1.341	1.307	1.272	1.238	1.206
4.	1.483	1.486	1.481	1.470	1.452	1.429	1.402	1.372	1.340	1.307	1.273	1.240	1.208
6.	1.471	1.474	1.470	1.459	1.442	1.420	1.395	1.366	1.335	1.303	1.270	1.238	1.207
8.	1.452	1.456	1.452	1.442	1.427	1.406	1.382	1.354	1.325	1.294	1.263	1.233	1.203
10.	1.429	1.432	1.429	1.420	1.406	1.387	1.365	1.339	1.312	1.283	1.254	1.225	1.196
12.	1.401	1.404	1.402	1.395	1.382	1.365	1.344	1.320	1.295	1.268	1.241	1.214	1.188
14.	1.369	1.374	1.372	1.366	1.354	1.339	1.320	1.299	1.276	1.251	1.226	1.201	1.177
16.	1.336	1.341	1.340	1.335	1.325	1.312	1.295	1.276	1.255	1.233	1.210	1.187	1.165
18.	1.302	1.307	1.307	1.303	1.294	1.283	1.268	1.251	1.233	1.213	1.192	1.172	1.152
20.	1.267	1.272	1.273	1.270	1.263	1.254	1.241	1.226	1.210	1.192	1.174	1.156	1.138
22.	1.233	1.238	1.240	1.238	1.233	1.225	1.214	1.201	1.187	1.172	1.156	1.140	1.124
24.	1.200	1.206	1.208	1.207	1.203	1.196	1.188	1.177	1.165	1.152	1.138	1.124	1.109
26.	1.169	1.174	1.177	1.177	1.174	1.169	1.162	1.153	1.143	1.132	1.120	1.108	1.095
28.	1.139	1.145	1.148	1.149	1.148	1.144	1.138	1.131	1.123	1.113	1.103	1.093	1.082
30.	1.112	1.118	1.122	1.123	1.123	1.120	1.116	1.110	1.103	1.096	1.087	1.078	1.070
32.	1.087	1.093	1.098	1.100	1.100	1.099	1.096	1.091	1.086	1.079	1.073	1.065	1.058
34.	1.064	1.071	1.076	1.078	1.080	1.079	1.077	1.074	1.070	1.065	1.059	1.053	1.047
36.	1.045	1.051	1.056	1.060	1.061	1.062	1.061	1.058	1.055	1.052	1.047	1.043	1.038
38.	1.027	1.034	1.040	1.043	1.046	1.047	1.046	1.045	1.043	1.040	1.037	1.033	1.029
40.	1.013	1.020	1.025	1.030	1.032	1.034	1.034	1.034	1.032	1.030	1.028	1.025	1.022
42.	1.001	1.008	1.014	1.018	1.021	1.023	1.024	1.024	1.024	1.022	1.021	1.019	1.016
44.	0.992	0.999	1.005	1.010	1.013	1.015	1.017	1.017	1.017	1.016	1.015	1.014	1.012
46.	0.985	0.993	0.999	1.003	1.007	1.010	1.011	1.012	1.012	1.012	1.011	1.010	1.009
48.	0.981	0.989	0.995	1.000	1.003	1.006	1.008	1.009	1.009	1.009	1.009	1.008	1.007
50.	0.980	0.987	0.993	0.998	1.002	1.005	1.007	1.008	1.008	1.008	1.008	1.007	1.006

ROOM HEIGHT 70.0 DETECTOR HEIGHT 34.0 CEILING STRENGTH 0.1

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	1.463	1.466	1.462	1.451	1.434	1.412	1.385	1.356	1.325	1.292	1.259	1.226	1.194
2.	1.466	1.469	1.465	1.454	1.437	1.415	1.389	1.360	1.329	1.297	1.264	1.231	1.200
4.	1.462	1.465	1.461	1.450	1.434	1.413	1.388	1.359	1.329	1.297	1.265	1.233	1.202
6.	1.451	1.454	1.450	1.441	1.425	1.405	1.381	1.353	1.324	1.293	1.262	1.232	1.202
8.	1.434	1.437	1.434	1.425	1.411	1.392	1.369	1.343	1.315	1.286	1.256	1.227	1.198
10.	1.412	1.415	1.413	1.405	1.392	1.374	1.353	1.329	1.302	1.275	1.247	1.219	1.192
12.	1.385	1.389	1.388	1.381	1.369	1.353	1.333	1.311	1.287	1.261	1.235	1.209	1.183
14.	1.356	1.360	1.359	1.353	1.343	1.329	1.311	1.291	1.268	1.245	1.221	1.197	1.173
16.	1.325	1.329	1.329	1.324	1.315	1.302	1.287	1.268	1.248	1.227	1.205	1.183	1.161
18.	1.292	1.297	1.297	1.293	1.286	1.275	1.261	1.245	1.227	1.208	1.188	1.168	1.148
20.	1.259	1.264	1.265	1.262	1.256	1.247	1.235	1.221	1.205	1.188	1.171	1.153	1.135
22.	1.226	1.231	1.233	1.232	1.227	1.219	1.209	1.197	1.183	1.168	1.153	1.137	1.121
24.	1.194	1.200	1.202	1.202	1.198	1.192	1.183	1.173	1.161	1.148	1.135	1.121	1.107
26.	1.164	1.170	1.173	1.173	1.170	1.166	1.159	1.150	1.140	1.129	1.118	1.106	1.094
28.	1.135	1.141	1.145	1.146	1.144	1.141	1.135	1.128	1.120	1.111	1.101	1.091	1.081
30.	1.109	1.115	1.119	1.121	1.120	1.118	1.114	1.108	1.101	1.094	1.086	1.077	1.068
32.	1.084	1.091	1.095	1.097	1.098	1.096	1.094	1.089	1.084	1.078	1.071	1.064	1.057
34.	1.062	1.069	1.074	1.077	1.078	1.077	1.075	1.072	1.068	1.063	1.058	1.052	1.046
36.	1.043	1.050	1.055	1.058	1.060	1.060	1.059	1.057	1.054	1.051	1.046	1.042	1.037
38.	1.026	1.033	1.038	1.042	1.045	1.046	1.045	1.044	1.042	1.039	1.036	1.032	1.029
40.	1.012	1.019	1.025	1.029	1.031	1.033	1.033	1.033	1.032	1.030	1.027	1.025	1.022
42.	1.000	1.007	1.013	1.018	1.021	1.023	1.024	1.024	1.023	1.022	1.020	1.018	1.016
44.	0.991	0.998	1.004	1.009	1.012	1.015	1.016	1.017	1.016	1.016	1.014	1.013	1.011
46.	0.985	0.992	0.998	1.003	1.006	1.009	1.011	1.012	1.012	1.011	1.010	1.009	1.008
48.	0.981	0.988	0.994	0.999	1.003	1.006	1.007	1.008	1.009	1.009	1.008	1.007	1.006
50.	0.980	0.987	0.993	0.998	1.002	1.004	1.006	1.007	1.008	1.008	1.007	1.006	1.005

ROOM HEIGHT			70.0		DETECTOR HEIGHT			32.0		CEILING STRENGTH -			0.1
X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	1.169	1.139	1.112	1.087	1.064	1.045	1.027	1.013	1.001	0.992	0.985	0.981	0.980
2.	1.174	1.145	1.118	1.093	1.071	1.051	1.034	1.020	1.008	0.999	0.993	0.989	0.987
4.	1.177	1.148	1.122	1.098	1.076	1.056	1.040	1.025	1.014	1.005	0.999	0.995	0.993
6.	1.177	1.149	1.123	1.100	1.078	1.060	1.043	1.030	1.018	1.010	1.003	1.000	0.998
8.	1.174	1.148	1.123	1.100	1.080	1.061	1.046	1.032	1.021	1.013	1.007	1.003	1.002
10.	1.169	1.144	1.120	1.099	1.079	1.062	1.047	1.034	1.023	1.015	1.010	1.006	1.005
12.	1.162	1.138	1.116	1.096	1.077	1.061	1.046	1.034	1.024	1.017	1.011	1.008	1.007
14.	1.153	1.131	1.110	1.091	1.074	1.058	1.045	1.034	1.024	1.017	1.012	1.009	1.008
16.	1.143	1.123	1.103	1.086	1.070	1.055	1.043	1.032	1.024	1.017	1.012	1.009	1.008
18.	1.132	1.113	1.096	1.079	1.065	1.052	1.040	1.030	1.022	1.016	1.012	1.009	1.008
20.	1.120	1.103	1.087	1.073	1.059	1.047	1.037	1.028	1.021	1.015	1.011	1.009	1.008
22.	1.108	1.093	1.078	1.065	1.053	1.043	1.033	1.025	1.019	1.014	1.010	1.008	1.007
24.	1.095	1.082	1.070	1.058	1.047	1.038	1.029	1.022	1.016	1.012	1.009	1.007	1.006
26.	1.083	1.072	1.061	1.050	1.041	1.033	1.025	1.019	1.014	1.010	1.007	1.006	1.005
28.	1.072	1.062	1.052	1.043	1.035	1.028	1.022	1.016	1.012	1.008	1.006	1.005	1.004
30.	1.061	1.052	1.044	1.037	1.030	1.023	1.018	1.014	1.010	1.007	1.005	1.004	1.003
32.	1.050	1.043	1.037	1.030	1.024	1.019	1.015	1.011	1.008	1.006	1.004	1.003	1.002
34.	1.041	1.035	1.030	1.024	1.020	1.015	1.012	1.009	1.006	1.004	1.003	1.002	1.002
36.	1.033	1.028	1.023	1.019	1.015	1.012	1.009	1.007	1.005	1.003	1.002	1.002	1.002
38.	1.025	1.022	1.018	1.015	1.012	1.009	1.007	1.005	1.004	1.003	1.002	1.002	1.002
40.	1.019	1.016	1.014	1.011	1.009	1.007	1.005	1.004	1.003	1.002	1.002	1.002	1.002
42.	1.014	1.012	1.010	1.008	1.006	1.005	1.004	1.003	1.002	1.002	1.002	1.002	1.002
44.	1.010	1.008	1.007	1.006	1.004	1.003	1.003	1.002	1.002	1.002	1.002	1.002	1.002
46.	1.007	1.006	1.005	1.004	1.003	1.002	1.002	1.002	1.002	1.002	1.002	1.002	1.002
48.	1.006	1.005	1.004	1.003	1.002	1.002	1.002	1.002	1.002	1.002	1.002	1.002	1.002
50.	1.005	1.004	1.003	1.002	1.002	1.002	1.002	1.002	1.002	1.002	1.002	1.002	1.002

ROOM HEIGHT			70.0		DETECTOR HEIGHT			34.0		CEILING STRENGTH			0.1
X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	1.164	1.135	1.109	1.084	1.062	1.043	1.026	1.012	1.000	0.991	0.985	0.981	0.980
2.	1.170	1.141	1.115	1.091	1.069	1.050	1.033	1.019	1.007	0.998	0.992	0.988	0.987
4.	1.173	1.145	1.119	1.095	1.074	1.055	1.038	1.025	1.013	1.004	0.998	0.994	0.993
6.	1.173	1.146	1.121	1.097	1.077	1.058	1.042	1.029	1.018	1.009	1.003	0.999	0.998
8.	1.170	1.144	1.120	1.098	1.078	1.060	1.045	1.031	1.021	1.012	1.006	1.003	1.002
10.	1.166	1.141	1.118	1.096	1.077	1.060	1.046	1.033	1.023	1.015	1.009	1.006	1.004
12.	1.159	1.135	1.114	1.094	1.075	1.059	1.045	1.033	1.024	1.016	1.011	1.007	1.006
14.	1.150	1.128	1.108	1.089	1.072	1.057	1.044	1.033	1.024	1.017	1.012	1.008	1.007
16.	1.140	1.120	1.101	1.084	1.068	1.054	1.042	1.032	1.023	1.016	1.012	1.009	1.008
18.	1.129	1.111	1.094	1.078	1.063	1.051	1.039	1.030	1.022	1.016	1.011	1.009	1.008
20.	1.118	1.101	1.086	1.071	1.058	1.046	1.036	1.027	1.020	1.014	1.010	1.008	1.007
22.	1.106	1.091	1.077	1.064	1.052	1.042	1.032	1.025	1.018	1.013	1.009	1.007	1.006
24.	1.094	1.081	1.068	1.057	1.046	1.037	1.029	1.022	1.016	1.011	1.008	1.006	1.005
26.	1.082	1.070	1.060	1.049	1.040	1.032	1.025	1.019	1.013	1.009	1.007	1.005	1.004
28.	1.070	1.061	1.051	1.042	1.034	1.027	1.021	1.016	1.011	1.008	1.005	1.004	1.003
30.	1.060	1.051	1.043	1.036	1.029	1.023	1.017	1.013	1.009	1.006	1.004	1.003	1.002
32.	1.049	1.042	1.036	1.029	1.024	1.018	1.014	1.010	1.007	1.005	1.003	1.002	1.002
34.	1.040	1.034	1.029	1.024	1.019	1.015	1.011	1.008	1.005	1.003	1.002	1.001	1.001
36.	1.032	1.027	1.023	1.018	1.015	1.011	1.008	1.006	1.004	1.002	1.001	1.001	1.000
38.	1.025	1.021	1.017	1.014	1.011	1.008	1.006	1.004	1.003	1.002	1.001	1.000	1.000
40.	1.019	1.016	1.013	1.010	1.008	1.006	1.004	1.003	1.002	1.001	1.000	1.000	1.000
42.	1.013	1.011	1.009	1.007	1.005	1.004	1.003	1.002	1.001	1.001	1.000	1.000	1.000
44.	1.009	1.008	1.006	1.005	1.003	1.002	1.002	1.001	1.001	1.000	1.000	1.000	1.000
46.	1.007	1.005	1.004	1.003	1.002	1.001	1.001	1.000	1.000	1.000	1.000	1.000	1.000
48.	1.005	1.004	1.003	1.002	1.001	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000
50.	1.004	1.003	1.002	1.002	1.001	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

TEN SOURCES

Rectangular Array,

70 Units High
100 x 100 Units in Area

"Ceiling Strength 0.2": D_8 = 83%
D_2 = 17%

ROOM HEIGHT			70.0		DETECTOR HEIGHT			0.	CEILING STRENGTH			0.2
X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	0.427	155.552	39.219	17.680	10.146	6.661	4.771	3.634	2.898	2.396	2.039	1.776	1.579
2.	155.552	77.998	31.469	15.963	9.582	6.429	4.662	3.578	2.868	2.380	2.031	1.773	1.579
4.	39.219	31.469	19.841	12.390	8.219	5.819	4.354	3.409	2.770	2.320	1.994	1.750	1.565
6.	17.680	15.963	12.390	9.081	6.675	5.039	3.930	3.164	2.621	2.226	1.933	1.710	1.539
8.	10.146	9.582	8.219	6.675	5.324	4.266	3.472	2.883	2.442	2.109	1.855	1.657	1.502
10.	6.661	6.429	5.819	5.039	4.266	3.592	3.039	2.599	2.253	1.981	1.766	1.596	1.459
12.	4.771	4.662	4.354	3.930	3.472	3.039	2.658	2.335	2.069	1.851	1.674	1.529	1.412
14.	3.634	3.578	3.409	3.164	2.883	2.599	2.335	2.101	1.898	1.727	1.583	1.462	1.363
16.	2.898	2.868	2.770	2.621	2.442	2.253	2.069	1.898	1.745	1.611	1.496	1.397	1.314
18.	2.396	2.380	2.320	2.226	2.109	1.981	1.851	1.727	1.611	1.508	1.416	1.336	1.267
20.	2.039	2.031	1.994	1.933	1.855	1.766	1.674	1.583	1.496	1.416	1.344	1.280	1.224
22.	1.776	1.773	1.750	1.710	1.657	1.596	1.529	1.462	1.397	1.336	1.280	1.230	1.185
24.	1.579	1.579	1.565	1.539	1.502	1.459	1.412	1.363	1.314	1.267	1.224	1.185	1.150
26.	1.427	1.429	1.421	1.404	1.380	1.349	1.315	1.280	1.244	1.209	1.176	1.146	1.119
28.	1.308	1.312	1.308	1.298	1.281	1.261	1.236	1.211	1.185	1.159	1.135	1.113	1.093
30.	1.214	1.219	1.219	1.213	1.202	1.188	1.172	1.154	1.135	1.117	1.100	1.084	1.071
32.	1.139	1.146	1.147	1.145	1.139	1.130	1.119	1.107	1.094	1.082	1.071	1.061	1.054
34.	1.080	1.086	1.090	1.090	1.087	1.082	1.076	1.068	1.060	1.053	1.047	1.042	1.040
36.	1.032	1.039	1.043	1.045	1.045	1.043	1.040	1.036	1.033	1.029	1.027	1.027	1.029
38.	0.993	1.001	1.006	1.010	1.012	1.012	1.012	1.011	1.010	1.010	1.012	1.015	1.021
40.	0.963	0.971	0.977	0.982	0.985	0.988	0.989	0.991	0.992	0.995	0.999	1.006	1.016
42.	0.940	0.948	0.955	0.960	0.965	0.968	0.972	0.975	0.979	0.984	0.990	1.000	1.012
44.	0.922	0.931	0.938	0.944	0.949	0.954	0.959	0.963	0.968	0.975	0.984	0.995	1.011
46.	0.910	0.919	0.927	0.933	0.939	0.944	0.949	0.955	0.961	0.969	0.979	0.992	1.010
48.	0.903	0.912	0.920	0.927	0.933	0.938	0.944	0.950	0.957	0.966	0.976	0.990	1.009
50.	0.901	0.910	0.917	0.924	0.931	0.937	0.942	0.949	0.956	0.965	0.976	0.990	1.009

ROOM HEIGHT			70.0		DETECTOR HEIGHT			2.0	CEILING STRENGTH			0.2
X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	155.555	78.002	31.472	15.966	9.585	6.432	4.665	3.580	2.871	2.382	2.033	1.775	1.580
2.	78.002	52.155	26.308	14.563	9.085	6.218	4.561	3.527	2.842	2.367	2.025	1.772	1.581
4.	31.472	26.308	17.696	11.547	7.860	5.650	4.269	3.365	2.746	2.309	1.989	1.750	1.567
6.	15.966	14.563	11.547	8.638	6.446	4.918	3.865	3.128	2.602	2.217	1.929	1.711	1.561
8.	9.585	9.085	7.860	6.446	5.187	4.186	3.426	2.856	2.428	2.103	1.853	1.658	1.506
10.	6.432	6.218	5.650	4.918	4.186	3.541	3.008	2.581	2.244	1.977	1.766	1.598	1.463
12.	4.665	4.561	4.269	3.865	3.426	3.008	2.638	2.324	2.063	1.850	1.675	1.532	1.416
14.	3.580	3.527	3.365	3.128	2.856	2.581	2.324	2.094	1.896	1.727	1.585	1.466	1.368
16.	2.871	2.842	2.746	2.602	2.428	2.244	2.063	1.896	1.745	1.614	1.500	1.402	1.320
18.	2.382	2.367	2.309	2.217	2.103	1.977	1.850	1.727	1.614	1.511	1.421	1.342	1.273
20.	2.033	2.025	1.989	1.929	1.853	1.766	1.675	1.585	1.500	1.421	1.349	1.286	1.231
22.	1.775	1.772	1.750	1.711	1.658	1.598	1.532	1.466	1.402	1.342	1.286	1.236	1.192
24.	1.580	1.581	1.567	1.541	1.506	1.463	1.416	1.368	1.320	1.273	1.231	1.192	1.157
26.	1.430	1.433	1.425	1.408	1.384	1.354	1.321	1.285	1.250	1.215	1.183	1.153	1.126
28.	1.313	1.317	1.313	1.303	1.287	1.266	1.243	1.217	1.191	1.166	1.142	1.120	1.100
30.	1.220	1.225	1.225	1.219	1.209	1.195	1.178	1.161	1.142	1.124	1.107	1.092	1.079
32.	1.146	1.152	1.154	1.151	1.145	1.137	1.126	1.114	1.101	1.089	1.078	1.068	1.061
34.	1.086	1.093	1.096	1.097	1.094	1.089	1.083	1.075	1.068	1.060	1.054	1.049	1.047
36.	1.039	1.046	1.050	1.053	1.052	1.051	1.048	1.044	1.040	1.037	1.035	1.034	1.036
38.	1.000	1.008	1.014	1.017	1.019	1.020	1.019	1.018	1.018	1.018	1.019	1.022	1.029
40.	0.970	0.978	0.985	0.989	0.993	0.995	0.997	0.998	1.000	1.003	1.007	1.013	1.023
42.	0.947	0.955	0.962	0.968	0.972	0.976	0.979	0.982	0.986	0.991	0.998	1.007	1.020
44.	0.930	0.938	0.946	0.952	0.957	0.962	0.966	0.971	0.976	0.983	0.991	1.002	1.018
46.	0.918	0.926	0.934	0.941	0.946	0.952	0.957	0.963	0.969	0.977	0.987	0.999	1.017
48.	0.911	0.920	0.927	0.934	0.940	0.946	0.952	0.958	0.965	0.973	0.984	0.998	1.016
50.	0.908	0.917	0.925	0.932	0.938	0.944	0.950	0.956	0.964	0.972	0.983	0.997	1.016

ROOM HEIGHT			70.0		DETECTOR HEIGHT			0.		CEILING STRENGTH			0.2
X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	1.427	1.308	1.214	1.139	1.080	1.032	0.993	0.963	0.940	0.922	0.910	0.903	0.901
2.	1.429	1.312	1.219	1.146	1.086	1.039	1.001	0.971	0.948	0.931	0.919	0.912	0.910
4.	1.421	1.308	1.219	1.147	1.090	1.043	1.006	0.977	0.955	0.938	0.927	0.920	0.917
6.	1.404	1.298	1.213	1.145	1.090	1.045	1.010	0.982	0.960	0.944	0.933	0.927	0.924
8.	1.380	1.281	1.202	1.139	1.087	1.045	1.012	0.985	0.965	0.949	0.939	0.933	0.931
10.	1.349	1.261	1.188	1.130	1.082	1.043	1.012	0.988	0.968	0.954	0.944	0.938	0.937
12.	1.315	1.236	1.172	1.119	1.076	1.040	1.012	0.989	0.972	0.959	0.949	0.944	0.942
14.	1.280	1.211	1.154	1.107	1.068	1.036	1.011	0.991	0.975	0.963	0.955	0.950	0.949
16.	1.244	1.185	1.135	1.094	1.060	1.033	1.010	0.992	0.979	0.968	0.961	0.957	0.956
18.	1.209	1.159	1.117	1.082	1.053	1.029	1.010	0.995	0.984	0.975	0.969	0.966	0.965
20.	1.176	1.135	1.100	1.071	1.047	1.027	1.012	0.999	0.990	0.984	0.979	0.976	0.976
22.	1.146	1.113	1.084	1.061	1.042	1.027	1.015	1.006	1.000	0.995	0.992	0.990	0.990
24.	1.119	1.093	1.071	1.054	1.040	1.029	1.021	1.016	1.012	1.011	1.010	1.009	1.009
26.	1.096	1.077	1.061	1.049	1.040	1.034	1.031	1.030	1.030	1.031	1.033	1.034	1.034
28.	1.077	1.064	1.054	1.047	1.044	1.043	1.045	1.049	1.055	1.060	1.065	1.068	1.069
30.	1.061	1.054	1.050	1.049	1.052	1.057	1.066	1.076	1.088	1.099	1.108	1.115	1.117
32.	1.049	1.047	1.049	1.054	1.064	1.077	1.093	1.112	1.133	1.152	1.169	1.180	1.184
34.	1.040	1.044	1.052	1.064	1.081	1.103	1.130	1.161	1.194	1.226	1.254	1.273	1.280
36.	1.034	1.043	1.057	1.077	1.103	1.136	1.177	1.224	1.277	1.330	1.378	1.411	1.423
38.	1.031	1.045	1.066	1.093	1.130	1.177	1.236	1.308	1.391	1.480	1.563	1.625	1.647
40.	1.030	1.049	1.076	1.112	1.161	1.224	1.308	1.414	1.546	1.699	1.853	1.975	2.023
42.	1.030	1.055	1.088	1.133	1.194	1.277	1.391	1.546	1.755	2.023	2.331	2.604	2.717
44.	1.031	1.060	1.099	1.152	1.226	1.330	1.480	1.699	2.023	2.503	3.164	3.879	4.223
46.	1.033	1.065	1.108	1.169	1.254	1.378	1.563	1.853	2.331	3.164	4.653	6.979	8.530
48.	1.034	1.068	1.115	1.180	1.273	1.411	1.625	1.975	2.604	3.879	6.979	16.285	31.796
50.	1.034	1.069	1.117	1.184	1.280	1.423	1.647	2.023	2.717	4.223	8.530	31.796	0.772

ROOM HEIGHT			70.0		DETECTOR HEIGHT			2.0		CEILING STRENGTH			0.2
X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	1.430	1.313	1.220	1.146	1.086	1.039	1.000	0.970	0.947	0.930	0.918	0.911	0.908
2.	1.433	1.317	1.225	1.152	1.093	1.046	1.008	0.978	0.955	0.938	0.926	0.920	0.917
4.	1.425	1.313	1.225	1.154	1.096	1.050	1.014	0.985	0.962	0.946	0.934	0.927	0.925
6.	1.408	1.303	1.219	1.151	1.097	1.053	1.017	0.989	0.968	0.952	0.941	0.934	0.932
8.	1.384	1.287	1.209	1.145	1.094	1.052	1.019	0.993	0.972	0.957	0.946	0.940	0.938
10.	1.354	1.266	1.195	1.137	1.089	1.051	1.020	0.995	0.976	0.962	0.952	0.946	0.944
12.	1.321	1.243	1.178	1.126	1.083	1.048	1.019	0.997	0.979	0.966	0.957	0.952	0.950
14.	1.285	1.217	1.161	1.114	1.075	1.044	1.018	0.998	0.982	0.971	0.963	0.958	0.956
16.	1.250	1.191	1.142	1.101	1.068	1.040	1.018	1.000	0.986	0.976	0.969	0.965	0.964
18.	1.215	1.166	1.124	1.089	1.060	1.037	1.018	1.003	0.991	0.983	0.977	0.973	0.972
20.	1.183	1.142	1.107	1.078	1.054	1.035	1.019	1.007	0.998	0.991	0.987	0.984	0.983
22.	1.153	1.120	1.092	1.068	1.049	1.034	1.022	1.013	1.007	1.002	0.999	0.998	0.997
24.	1.126	1.100	1.079	1.061	1.047	1.036	1.029	1.023	1.020	1.018	1.017	1.016	1.016
26.	1.103	1.084	1.068	1.056	1.047	1.041	1.038	1.037	1.037	1.038	1.040	1.041	1.041
28.	1.084	1.071	1.061	1.054	1.051	1.050	1.052	1.056	1.061	1.066	1.071	1.074	1.075
30.	1.068	1.061	1.057	1.056	1.059	1.064	1.072	1.083	1.094	1.104	1.114	1.120	1.122
32.	1.056	1.054	1.056	1.061	1.070	1.083	1.099	1.118	1.138	1.157	1.173	1.183	1.187
34.	1.047	1.051	1.059	1.070	1.087	1.109	1.135	1.165	1.197	1.229	1.256	1.274	1.281
36.	1.041	1.050	1.064	1.083	1.109	1.141	1.181	1.227	1.278	1.330	1.375	1.407	1.419
38.	1.038	1.052	1.072	1.099	1.135	1.181	1.238	1.308	1.388	1.473	1.553	1.611	1.632
40.	1.037	1.056	1.083	1.118	1.165	1.227	1.308	1.410	1.536	1.681	1.826	1.939	1.983
42.	1.037	1.061	1.094	1.138	1.197	1.278	1.388	1.536	1.734	1.984	2.266	2.511	2.612
44.	1.038	1.066	1.104	1.157	1.229	1.330	1.473	1.681	1.984	2.421	3.002	3.605	3.886
46.	1.040	1.071	1.114	1.173	1.256	1.375	1.553	1.826	2.266	3.002	4.231	5.953	6.987
48.	1.041	1.074	1.120	1.183	1.274	1.407	1.611	1.939	2.511	3.605	5.953	11.123	16.293
50.	1.041	1.075	1.122	1.187	1.281	1.419	1.632	1.983	2.612	3.886	6.987	16.293	31.804

ROOM HEIGHT 70.0 DETECTOR HEIGHT 4.0 CEILING STRENGTH 0.2

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	39.227	31.477	19.849	12.397	8.227	5.825	4.360	3.415	2.775	2.325	1.998	1.754	1.568
2.	31.477	26.312	17.701	11.551	7.864	5.654	4.272	3.368	2.749	2.311	1.991	1.752	1.569
4.	19.849	17.701	13.398	9.602	6.947	5.190	4.021	3.223	2.663	2.258	1.958	1.731	1.556
6.	12.397	11.551	9.602	7.535	5.839	4.578	3.668	3.011	2.530	2.172	1.902	1.696	1.531
8.	8.227	7.864	6.947	5.839	4.805	3.950	3.279	2.764	2.369	2.065	1.829	1.644	1.497
10.	5.825	5.654	5.190	4.578	3.950	3.382	2.903	2.512	2.198	1.947	1.747	1.586	1.456
12.	4.360	4.272	4.021	3.668	3.279	2.903	2.564	2.273	2.029	1.827	1.660	1.524	1.411
14.	3.415	3.368	3.223	3.011	2.764	2.512	2.273	2.058	1.871	1.710	1.574	1.460	1.365
16.	2.775	2.749	2.663	2.530	2.369	2.198	2.029	1.871	1.728	1.602	1.492	1.398	1.318
18.	2.325	2.311	2.258	2.172	2.065	1.947	1.827	1.710	1.602	1.503	1.416	1.340	1.273
20.	1.998	1.991	1.958	1.902	1.829	1.747	1.660	1.574	1.492	1.416	1.347	1.286	1.232
22.	1.754	1.752	1.731	1.694	1.644	1.586	1.524	1.460	1.398	1.340	1.286	1.237	1.194
24.	1.568	1.569	1.556	1.531	1.497	1.456	1.411	1.365	1.318	1.273	1.232	1.194	1.160
26.	1.424	1.426	1.419	1.403	1.380	1.351	1.319	1.285	1.250	1.217	1.185	1.156	1.130
28.	1.310	1.314	1.311	1.301	1.286	1.266	1.243	1.218	1.193	1.168	1.145	1.123	1.104
30.	1.220	1.225	1.225	1.219	1.210	1.196	1.181	1.163	1.145	1.128	1.111	1.096	1.083
32.	1.147	1.154	1.155	1.153	1.148	1.139	1.129	1.117	1.105	1.093	1.082	1.073	1.066
34.	1.089	1.096	1.100	1.100	1.098	1.093	1.087	1.080	1.072	1.065	1.059	1.054	1.052
36.	1.042	1.050	1.055	1.057	1.057	1.055	1.052	1.049	1.045	1.042	1.040	1.039	1.041
38.	1.005	1.013	1.018	1.022	1.024	1.025	1.024	1.024	1.023	1.023	1.024	1.027	1.033
40.	0.975	0.984	0.990	0.995	0.998	1.000	1.002	1.004	1.006	1.008	1.012	1.019	1.028
42.	0.952	0.961	0.968	0.973	0.978	0.982	0.985	0.988	0.992	0.997	1.003	1.012	1.024
44.	0.935	0.944	0.951	0.958	0.963	0.968	0.972	0.977	0.982	0.988	0.996	1.007	1.022
46.	0.924	0.932	0.940	0.947	0.952	0.958	0.963	0.969	0.975	0.982	0.992	1.004	1.021
48.	0.917	0.925	0.933	0.940	0.946	0.952	0.958	0.964	0.971	0.979	0.989	1.003	1.020
50.	0.914	0.923	0.931	0.938	0.944	0.950	0.956	0.962	0.969	0.978	0.988	1.002	1.020

ROOM HEIGHT 70.0 DETECTOR HEIGHT 6.0 CEILING STRENGTH 0.2

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	17.694	15.976	12.402	9.094	6.686	5.050	3.940	3.173	2.629	2.234	1.940	1.716	1.543
2.	15.976	14.572	11.556	8.646	6.454	4.926	3.872	3.135	2.608	2.222	1.934	1.715	1.544
4.	12.402	11.556	9.607	7.539	5.843	4.583	3.672	3.015	2.533	2.175	1.904	1.696	1.533
6.	9.094	8.646	7.539	6.240	5.063	4.115	3.386	2.835	2.418	2.099	1.854	1.662	1.511
8.	6.686	6.454	5.843	5.063	4.291	3.616	3.063	2.623	2.276	2.003	1.788	1.616	1.479
10.	5.050	4.926	4.583	4.115	3.616	3.149	2.743	2.402	2.123	1.896	1.712	1.562	1.441
12.	3.940	3.872	3.672	3.386	3.063	2.743	2.449	2.191	1.971	1.786	1.632	1.504	1.398
14.	3.173	3.135	3.015	2.835	2.623	2.402	2.191	1.997	1.826	1.678	1.552	1.445	1.354
16.	2.629	2.608	2.533	2.418	2.276	2.123	1.971	1.826	1.695	1.578	1.475	1.386	1.310
18.	2.234	2.222	2.175	2.099	2.003	1.896	1.786	1.678	1.578	1.486	1.403	1.331	1.268
20.	1.940	1.934	1.904	1.854	1.788	1.712	1.632	1.552	1.475	1.403	1.338	1.280	1.228
22.	1.716	1.715	1.696	1.662	1.616	1.562	1.504	1.445	1.386	1.331	1.280	1.233	1.192
24.	1.543	1.544	1.533	1.511	1.479	1.441	1.398	1.354	1.310	1.268	1.228	1.192	1.159
26.	1.408	1.411	1.405	1.390	1.368	1.341	1.311	1.278	1.246	1.214	1.183	1.155	1.130
28.	1.300	1.305	1.302	1.293	1.279	1.260	1.238	1.215	1.191	1.167	1.145	1.124	1.105
30.	1.214	1.220	1.220	1.215	1.206	1.193	1.178	1.162	1.145	1.128	1.112	1.097	1.085
32.	1.145	1.151	1.153	1.152	1.146	1.139	1.129	1.118	1.106	1.095	1.084	1.075	1.068
34.	1.089	1.096	1.099	1.100	1.098	1.094	1.088	1.081	1.074	1.067	1.061	1.056	1.054
36.	1.044	1.051	1.056	1.058	1.059	1.057	1.054	1.051	1.048	1.044	1.042	1.042	1.043
38.	1.007	1.015	1.021	1.025	1.027	1.027	1.027	1.027	1.026	1.026	1.027	1.030	1.035
40.	0.978	0.987	0.993	0.998	1.001	1.004	1.006	1.007	1.009	1.012	1.015	1.021	1.030
42.	0.956	0.965	0.972	0.977	0.982	0.986	0.989	0.992	0.996	1.000	1.006	1.015	1.026
44.	0.940	0.948	0.955	0.962	0.967	0.972	0.976	0.981	0.986	0.992	1.000	1.010	1.024
46.	0.928	0.937	0.944	0.951	0.957	0.962	0.967	0.973	0.979	0.986	0.995	1.007	1.023
48.	0.921	0.930	0.938	0.945	0.951	0.957	0.962	0.968	0.975	0.983	0.993	1.005	1.022
50.	0.919	0.928	0.936	0.943	0.949	0.955	0.961	0.967	0.974	0.982	0.992	1.005	1.022

ROOM HEIGHT			70.0		DETECTOR HEIGHT			4.0		CEILING STRENGTH			0.2
X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	1.424	1.310	1.220	1.147	1.089	1.042	1.005	0.975	0.952	0.935	0.924	0.917	0.914
2.	1.426	1.314	1.225	1.154	1.096	1.050	1.013	0.984	0.961	0.944	0.932	0.925	0.923
4.	1.419	1.311	1.225	1.155	1.100	1.055	1.018	0.990	0.968	0.951	0.940	0.933	0.931
6.	1.403	1.301	1.219	1.153	1.100	1.057	1.022	0.995	0.973	0.958	0.947	0.940	0.938
8.	1.380	1.286	1.210	1.148	1.098	1.057	1.024	0.998	0.978	0.963	0.952	0.946	0.944
10.	1.351	1.266	1.196	1.139	1.093	1.055	1.025	1.000	0.982	0.968	0.958	0.952	0.950
12.	1.319	1.243	1.181	1.129	1.087	1.052	1.024	1.002	0.985	0.972	0.963	0.958	0.956
14.	1.285	1.218	1.163	1.117	1.080	1.049	1.024	1.004	0.988	0.977	0.969	0.964	0.962
16.	1.250	1.193	1.145	1.105	1.072	1.045	1.023	1.006	0.992	0.982	0.975	0.971	0.969
18.	1.217	1.168	1.128	1.093	1.065	1.042	1.023	1.008	0.997	0.988	0.982	0.979	0.978
20.	1.185	1.145	1.111	1.082	1.059	1.040	1.024	1.012	1.003	0.996	0.992	0.989	0.988
22.	1.156	1.123	1.096	1.073	1.054	1.039	1.027	1.019	1.012	1.007	1.004	1.003	1.002
24.	1.130	1.104	1.083	1.066	1.052	1.041	1.033	1.028	1.024	1.022	1.021	1.020	1.020
26.	1.107	1.088	1.073	1.061	1.052	1.046	1.042	1.041	1.041	1.042	1.043	1.044	1.044
28.	1.088	1.075	1.065	1.059	1.055	1.054	1.056	1.059	1.064	1.068	1.073	1.076	1.077
30.	1.073	1.065	1.061	1.060	1.062	1.067	1.075	1.084	1.094	1.104	1.113	1.119	1.121
32.	1.061	1.059	1.060	1.065	1.073	1.085	1.100	1.117	1.136	1.153	1.168	1.178	1.181
34.	1.052	1.055	1.062	1.073	1.089	1.109	1.134	1.161	1.191	1.220	1.245	1.261	1.267
36.	1.046	1.054	1.067	1.085	1.109	1.139	1.176	1.219	1.265	1.312	1.353	1.381	1.391
38.	1.042	1.056	1.075	1.100	1.134	1.176	1.229	1.292	1.364	1.440	1.509	1.559	1.577
40.	1.041	1.059	1.084	1.117	1.161	1.219	1.292	1.388	1.495	1.618	1.740	1.832	1.867
42.	1.041	1.064	1.094	1.136	1.191	1.265	1.364	1.495	1.663	1.868	2.089	2.272	2.346
44.	1.042	1.068	1.104	1.153	1.220	1.312	1.440	1.618	1.868	2.206	2.618	3.008	3.178
46.	1.043	1.073	1.113	1.168	1.245	1.353	1.509	1.740	2.089	2.618	3.377	4.238	4.668
48.	1.044	1.076	1.119	1.178	1.261	1.381	1.559	1.832	2.272	3.008	4.238	5.960	6.994
50.	1.044	1.077	1.121	1.181	1.267	1.391	1.577	1.867	2.346	3.178	4.668	6.994	8.546

ROOM HEIGHT			70.0		DETECTOR HEIGHT			6.0		CEILING STRENGTH			0.2
X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	1.408	1.300	1.214	1.145	1.089	1.044	1.007	0.978	0.956	0.940	0.928	0.921	0.919
2.	1.411	1.305	1.220	1.151	1.096	1.051	1.015	0.987	0.965	0.948	0.937	0.930	0.928
4.	1.405	1.302	1.220	1.153	1.099	1.056	1.021	0.993	0.972	0.955	0.944	0.938	0.936
6.	1.390	1.293	1.215	1.152	1.100	1.058	1.025	0.998	0.977	0.962	0.951	0.945	0.943
8.	1.368	1.279	1.206	1.146	1.098	1.059	1.027	1.001	0.982	0.967	0.957	0.951	0.949
10.	1.341	1.260	1.193	1.139	1.094	1.057	1.027	1.004	0.986	0.972	0.962	0.957	0.955
12.	1.311	1.238	1.178	1.129	1.088	1.054	1.027	1.006	0.989	0.976	0.967	0.962	0.961
14.	1.278	1.215	1.162	1.118	1.081	1.051	1.027	1.007	0.992	0.981	0.973	0.968	0.967
16.	1.246	1.191	1.145	1.106	1.074	1.048	1.026	1.009	0.996	0.986	0.979	0.975	0.974
18.	1.214	1.167	1.128	1.095	1.067	1.044	1.026	1.012	1.000	0.992	0.986	0.983	0.982
20.	1.183	1.145	1.112	1.084	1.061	1.042	1.027	1.015	1.006	1.000	0.995	0.993	0.992
22.	1.155	1.124	1.097	1.075	1.056	1.042	1.030	1.021	1.015	1.010	1.007	1.005	1.005
24.	1.130	1.105	1.085	1.068	1.054	1.043	1.035	1.030	1.026	1.024	1.023	1.022	1.022
26.	1.108	1.090	1.075	1.063	1.054	1.048	1.044	1.042	1.042	1.042	1.043	1.044	1.044
28.	1.090	1.077	1.067	1.060	1.056	1.055	1.056	1.059	1.063	1.067	1.070	1.073	1.074
30.	1.075	1.067	1.063	1.061	1.063	1.067	1.073	1.082	1.091	1.100	1.107	1.112	1.114
32.	1.063	1.060	1.061	1.065	1.073	1.083	1.097	1.112	1.128	1.144	1.156	1.165	1.168
34.	1.054	1.056	1.063	1.073	1.087	1.105	1.127	1.151	1.177	1.202	1.224	1.238	1.243
36.	1.048	1.055	1.067	1.083	1.105	1.132	1.164	1.202	1.242	1.282	1.316	1.340	1.348
38.	1.044	1.056	1.073	1.097	1.127	1.164	1.211	1.265	1.326	1.388	1.444	1.484	1.498
40.	1.042	1.059	1.082	1.112	1.151	1.202	1.265	1.343	1.433	1.531	1.623	1.692	1.717
42.	1.042	1.063	1.091	1.128	1.177	1.242	1.326	1.433	1.565	1.718	1.873	1.995	2.043
44.	1.042	1.067	1.100	1.144	1.202	1.282	1.388	1.531	1.718	1.952	2.211	2.433	2.523
46.	1.043	1.070	1.107	1.156	1.224	1.316	1.444	1.623	1.873	2.211	2.624	3.014	3.184
48.	1.044	1.073	1.112	1.165	1.238	1.340	1.484	1.692	1.995	2.433	3.014	3.617	3.899
50.	1.044	1.074	1.114	1.168	1.243	1.348	1.498	1.717	2.043	2.523	3.184	3.899	4.243

ROOM HEIGHT 70.0 DETECTOR HEIGHT 8.0 CEILING STRENGTH 0.2

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	10.165	9.600	8.238	6.692	5.341	4.282	3.487	2.896	2.454	2.120	1.864	1.665	1.509
2.	9.600	9.100	7.875	6.460	5.200	4.199	3.438	2.867	2.438	2.111	1.860	1.665	1.511
4.	8.238	7.875	6.957	5.849	4.815	3.959	3.288	2.772	2.376	2.072	1.835	1.648	1.501
6.	6.692	6.460	5.849	5.069	4.296	3.621	3.067	2.627	2.280	2.006	1.790	1.618	1.481
8.	5.341	5.200	4.815	4.296	3.750	3.246	2.812	2.452	2.160	1.923	1.732	1.578	1.452
10.	4.282	4.199	3.959	3.621	3.246	2.882	2.552	2.268	2.028	1.829	1.665	1.529	1.417
12.	3.487	3.438	3.288	3.067	2.812	2.552	2.307	2.087	1.895	1.731	1.593	1.476	1.379
14.	2.896	2.867	2.772	2.627	2.452	2.268	2.087	1.919	1.768	1.635	1.520	1.422	1.338
16.	2.454	2.438	2.376	2.280	2.160	2.028	1.895	1.768	1.650	1.544	1.450	1.368	1.297
18.	2.120	2.111	2.072	2.006	1.923	1.829	1.731	1.635	1.544	1.460	1.384	1.316	1.258
20.	1.864	1.860	1.835	1.790	1.732	1.665	1.593	1.520	1.450	1.384	1.323	1.269	1.220
22.	1.665	1.665	1.648	1.618	1.578	1.529	1.476	1.422	1.368	1.316	1.269	1.225	1.186
24.	1.509	1.511	1.501	1.481	1.452	1.417	1.379	1.338	1.297	1.258	1.220	1.186	1.155
26.	1.384	1.388	1.383	1.370	1.350	1.325	1.297	1.267	1.236	1.206	1.178	1.151	1.127
28.	1.285	1.289	1.287	1.280	1.266	1.249	1.229	1.207	1.185	1.162	1.141	1.121	1.104
30.	1.204	1.210	1.210	1.206	1.198	1.186	1.172	1.157	1.141	1.125	1.110	1.096	1.084
32.	1.138	1.145	1.147	1.146	1.142	1.134	1.125	1.115	1.104	1.093	1.083	1.074	1.067
34.	1.085	1.092	1.096	1.097	1.095	1.092	1.086	1.080	1.073	1.067	1.061	1.056	1.054
36.	1.042	1.050	1.055	1.057	1.058	1.057	1.054	1.051	1.048	1.045	1.043	1.042	1.043
38.	1.007	1.015	1.021	1.025	1.027	1.028	1.028	1.028	1.027	1.027	1.028	1.031	1.035
40.	0.980	0.988	0.994	0.999	1.003	1.006	1.007	1.009	1.011	1.013	1.017	1.022	1.030
42.	0.958	0.967	0.974	0.979	0.984	0.988	0.991	0.994	0.998	1.002	1.008	1.015	1.026
44.	0.942	0.951	0.958	0.964	0.970	0.974	0.979	0.983	0.988	0.994	1.001	1.011	1.023
46.	0.931	0.940	0.947	0.954	0.960	0.965	0.970	0.976	0.981	0.988	0.997	1.008	1.022
48.	0.924	0.933	0.941	0.948	0.954	0.960	0.965	0.971	0.978	0.985	0.994	1.006	1.021
50.	0.922	0.931	0.939	0.946	0.952	0.958	0.964	0.970	0.976	0.984	0.993	1.005	1.021

ROOM HEIGHT 70.0 DETECTOR HEIGHT 10.0 CEILING STRENGTH 0.2

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	6.687	6.455	5.843	5.062	4.289	3.613	3.059	2.618	2.270	1.996	1.779	1.606	1.467
2.	6.455	6.240	5.671	4.938	4.205	3.559	3.025	2.597	2.258	1.989	1.776	1.607	1.470
4.	5.843	5.671	5.207	4.595	3.966	3.397	2.916	2.524	2.209	1.957	1.755	1.593	1.462
6.	5.062	4.938	4.595	4.126	3.627	3.160	2.752	2.411	2.131	1.903	1.718	1.567	1.445
8.	4.289	4.205	3.966	3.627	3.252	2.887	2.558	2.273	2.032	1.833	1.668	1.532	1.419
10.	3.613	3.559	3.397	3.160	2.887	2.611	2.353	2.123	1.923	1.753	1.609	1.489	1.388
12.	3.059	3.025	2.916	2.752	2.558	2.353	2.155	1.973	1.810	1.668	1.546	1.442	1.354
14.	2.618	2.597	2.524	2.411	2.273	2.123	1.973	1.830	1.700	1.584	1.482	1.393	1.317
16.	2.270	2.258	2.209	2.131	2.032	1.923	1.810	1.700	1.597	1.503	1.419	1.344	1.280
18.	1.996	1.989	1.957	1.903	1.833	1.753	1.668	1.584	1.503	1.428	1.359	1.298	1.243
20.	1.779	1.776	1.755	1.718	1.668	1.609	1.546	1.482	1.419	1.359	1.304	1.254	1.209
22.	1.606	1.607	1.593	1.567	1.532	1.489	1.442	1.393	1.344	1.298	1.254	1.213	1.177
24.	1.467	1.470	1.462	1.445	1.419	1.388	1.354	1.317	1.280	1.243	1.209	1.177	1.148
26.	1.355	1.359	1.355	1.344	1.327	1.305	1.279	1.252	1.224	1.196	1.169	1.145	1.122
28.	1.264	1.269	1.268	1.262	1.250	1.235	1.216	1.196	1.175	1.155	1.135	1.116	1.100
30.	1.190	1.196	1.197	1.194	1.187	1.176	1.164	1.149	1.134	1.120	1.105	1.092	1.081
32.	1.129	1.136	1.137	1.138	1.134	1.128	1.119	1.110	1.100	1.090	1.080	1.072	1.065
34.	1.079	1.086	1.091	1.092	1.091	1.087	1.083	1.077	1.071	1.065	1.059	1.055	1.052
36.	1.039	1.046	1.051	1.054	1.055	1.054	1.052	1.050	1.046	1.044	1.042	1.041	1.041
38.	1.006	1.014	1.020	1.024	1.026	1.027	1.027	1.027	1.027	1.027	1.027	1.030	1.034
40.	0.979	0.988	0.994	0.999	1.003	1.006	1.007	1.009	1.011	1.013	1.016	1.021	1.028
42.	0.959	0.967	0.974	0.980	0.985	0.989	0.992	0.995	0.998	1.002	1.008	1.014	1.024
44.	0.943	0.952	0.959	0.966	0.971	0.976	0.980	0.984	0.989	0.994	1.001	1.010	1.021
46.	0.933	0.941	0.949	0.956	0.962	0.967	0.972	0.977	0.983	0.989	0.997	1.007	1.019
48.	0.926	0.935	0.943	0.950	0.956	0.962	0.967	0.973	0.979	0.986	0.994	1.005	1.018
50.	0.924	0.933	0.941	0.948	0.954	0.960	0.966	0.971	0.977	0.985	0.993	1.004	1.018

ROOM HEIGHT			70.0		DETECTOR HEIGHT			8.0	CEILING STRENGTH				0.2
X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	1.384	1.285	1.204	1.138	1.085	1.042	1.007	0.980	0.958	0.942	0.931	0.924	0.922
2.	1.388	1.289	1.210	1.145	1.092	1.050	1.015	0.988	0.967	0.951	0.940	0.933	0.931
4.	1.383	1.287	1.210	1.147	1.096	1.055	1.021	0.994	0.974	0.958	0.947	0.941	0.939
6.	1.370	1.280	1.206	1.146	1.097	1.057	1.025	0.999	0.979	0.964	0.954	0.948	0.946
8.	1.350	1.266	1.198	1.142	1.095	1.058	1.027	1.003	0.984	0.970	0.960	0.954	0.952
10.	1.325	1.249	1.186	1.134	1.092	1.057	1.028	1.006	0.988	0.974	0.965	0.960	0.958
12.	1.297	1.229	1.172	1.125	1.086	1.054	1.028	1.007	0.991	0.979	0.970	0.965	0.964
14.	1.267	1.207	1.157	1.115	1.080	1.051	1.028	1.009	0.994	0.983	0.976	0.971	0.970
16.	1.236	1.185	1.141	1.104	1.073	1.048	1.027	1.011	0.998	0.988	0.981	0.978	0.976
18.	1.206	1.162	1.125	1.093	1.067	1.045	1.027	1.013	1.002	0.994	0.988	0.985	0.984
20.	1.178	1.141	1.110	1.083	1.061	1.043	1.028	1.017	1.008	1.001	0.997	0.994	0.993
22.	1.151	1.121	1.096	1.074	1.056	1.042	1.031	1.022	1.015	1.011	1.008	1.006	1.005
24.	1.127	1.104	1.084	1.067	1.054	1.043	1.035	1.030	1.026	1.023	1.022	1.021	1.021
26.	1.107	1.089	1.074	1.062	1.053	1.047	1.043	1.041	1.040	1.040	1.040	1.041	1.041
28.	1.089	1.076	1.067	1.060	1.055	1.054	1.054	1.056	1.059	1.062	1.065	1.067	1.068
30.	1.074	1.067	1.062	1.060	1.061	1.064	1.069	1.076	1.084	1.091	1.097	1.101	1.103
32.	1.062	1.060	1.060	1.063	1.069	1.078	1.089	1.102	1.116	1.129	1.140	1.147	1.150
34.	1.053	1.055	1.061	1.069	1.081	1.097	1.115	1.136	1.158	1.179	1.197	1.208	1.212
36.	1.047	1.054	1.064	1.078	1.097	1.120	1.148	1.179	1.212	1.244	1.272	1.290	1.297
38.	1.043	1.054	1.069	1.089	1.115	1.148	1.187	1.231	1.280	1.329	1.372	1.401	1.412
40.	1.041	1.056	1.076	1.102	1.136	1.179	1.231	1.293	1.364	1.437	1.503	1.551	1.568
42.	1.040	1.059	1.084	1.116	1.158	1.212	1.280	1.364	1.462	1.569	1.672	1.749	1.778
44.	1.040	1.062	1.091	1.129	1.179	1.244	1.329	1.437	1.569	1.722	1.878	2.000	2.047
46.	1.040	1.065	1.097	1.140	1.197	1.272	1.372	1.503	1.672	1.878	2.099	2.282	2.356
48.	1.041	1.067	1.101	1.147	1.208	1.290	1.401	1.551	1.749	2.000	2.282	2.527	2.628
50.	1.041	1.068	1.103	1.150	1.212	1.297	1.412	1.568	1.778	2.047	2.356	2.628	2.742

ROOM HEIGHT			70.0		DETECTOR HEIGHT			10.0	CEILING STRENGTH				0.2
X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	1.355	1.264	1.190	1.129	1.079	1.039	1.006	0.979	0.959	0.943	0.933	0.926	0.924
2.	1.359	1.269	1.196	1.136	1.086	1.046	1.014	0.988	0.967	0.952	0.941	0.935	0.933
4.	1.355	1.268	1.197	1.139	1.091	1.051	1.020	0.994	0.974	0.959	0.949	0.943	0.941
6.	1.344	1.262	1.194	1.138	1.092	1.054	1.024	0.999	0.980	0.966	0.956	0.950	0.948
8.	1.327	1.250	1.187	1.134	1.091	1.055	1.026	1.003	0.985	0.971	0.962	0.956	0.954
10.	1.305	1.235	1.176	1.128	1.087	1.054	1.027	1.006	0.989	0.976	0.967	0.962	0.960
12.	1.279	1.216	1.164	1.119	1.083	1.052	1.027	1.007	0.992	0.980	0.972	0.967	0.966
14.	1.252	1.196	1.149	1.110	1.077	1.050	1.027	1.009	0.995	0.984	0.977	0.973	0.971
16.	1.224	1.175	1.134	1.100	1.071	1.046	1.027	1.011	0.998	0.989	0.983	0.979	0.977
18.	1.196	1.155	1.120	1.090	1.065	1.044	1.027	1.013	1.002	0.994	0.989	0.986	0.985
20.	1.169	1.135	1.105	1.080	1.059	1.042	1.027	1.016	1.008	1.001	0.997	0.994	0.993
22.	1.145	1.116	1.092	1.072	1.055	1.041	1.030	1.021	1.014	1.010	1.007	1.005	1.004
24.	1.122	1.100	1.081	1.065	1.052	1.041	1.034	1.028	1.024	1.021	1.019	1.018	1.018
26.	1.102	1.085	1.071	1.060	1.051	1.044	1.040	1.037	1.036	1.036	1.036	1.036	1.036
28.	1.085	1.073	1.064	1.057	1.052	1.050	1.049	1.050	1.052	1.055	1.057	1.059	1.059
30.	1.071	1.064	1.059	1.056	1.056	1.058	1.062	1.068	1.074	1.080	1.085	1.088	1.089
32.	1.060	1.057	1.056	1.059	1.063	1.070	1.080	1.090	1.101	1.112	1.121	1.126	1.128
34.	1.051	1.052	1.056	1.063	1.073	1.086	1.101	1.119	1.136	1.153	1.167	1.176	1.179
36.	1.044	1.050	1.058	1.070	1.086	1.105	1.128	1.153	1.180	1.205	1.226	1.240	1.245
38.	1.040	1.049	1.062	1.080	1.101	1.128	1.160	1.195	1.233	1.270	1.301	1.323	1.330
40.	1.037	1.050	1.068	1.090	1.119	1.153	1.195	1.243	1.296	1.348	1.395	1.427	1.439
42.	1.036	1.052	1.074	1.101	1.136	1.180	1.233	1.296	1.366	1.439	1.506	1.554	1.572
44.	1.036	1.055	1.080	1.112	1.153	1.205	1.270	1.348	1.439	1.538	1.631	1.700	1.725
46.	1.036	1.057	1.085	1.121	1.167	1.226	1.301	1.395	1.506	1.631	1.753	1.846	1.881
48.	1.036	1.059	1.088	1.126	1.176	1.240	1.323	1.427	1.554	1.700	1.846	1.959	2.003
50.	1.036	1.059	1.089	1.128	1.179	1.245	1.330	1.439	1.572	1.725	1.881	2.003	2.051

ROOM HEIGHT 70.0 DETECTOR HEIGHT 12.0 CEILING STRENGTH 0.2

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	4.805	4.694	4.386	3.960	3.502	3.067	2.683	2.359	2.090	1.870	1.690	1.543	1.422
2.	4.694	4.590	4.297	3.892	3.452	3.033	2.661	2.345	2.082	1.866	1.689	1.544	1.425
4.	4.386	4.297	4.046	3.692	3.302	2.924	2.584	2.291	2.045	1.841	1.672	1.534	1.419
6.	3.960	3.892	3.692	3.405	3.081	2.760	2.464	2.205	1.983	1.797	1.641	1.512	1.404
8.	3.502	3.452	3.302	3.081	2.825	2.564	2.318	2.097	1.904	1.739	1.599	1.482	1.383
10.	3.067	3.033	2.924	2.760	2.564	2.360	2.161	1.978	1.815	1.672	1.550	1.445	1.356
12.	2.683	2.661	2.584	2.464	2.318	2.161	2.004	1.856	1.721	1.601	1.495	1.404	1.325
14.	2.359	2.345	2.291	2.205	2.097	1.978	1.856	1.738	1.628	1.528	1.439	1.361	1.293
16.	2.090	2.082	2.045	1.983	1.904	1.815	1.721	1.628	1.540	1.458	1.384	1.318	1.259
18.	1.870	1.866	1.841	1.797	1.739	1.672	1.601	1.528	1.458	1.392	1.331	1.276	1.226
20.	1.690	1.689	1.672	1.641	1.599	1.550	1.495	1.439	1.384	1.331	1.281	1.236	1.195
22.	1.543	1.544	1.534	1.512	1.482	1.445	1.404	1.361	1.318	1.276	1.236	1.199	1.166
24.	1.422	1.425	1.419	1.404	1.383	1.356	1.325	1.293	1.259	1.226	1.195	1.166	1.139
26.	1.323	1.327	1.324	1.315	1.300	1.281	1.258	1.233	1.208	1.183	1.158	1.136	1.115
28.	1.241	1.246	1.246	1.241	1.231	1.217	1.201	1.183	1.164	1.145	1.127	1.109	1.094
30.	1.173	1.180	1.181	1.179	1.173	1.164	1.152	1.139	1.126	1.112	1.099	1.087	1.076
32.	1.117	1.124	1.127	1.127	1.124	1.119	1.111	1.103	1.094	1.084	1.075	1.067	1.061
34.	1.071	1.079	1.083	1.085	1.084	1.081	1.077	1.072	1.066	1.061	1.055	1.051	1.048
36.	1.033	1.041	1.046	1.049	1.051	1.050	1.049	1.046	1.043	1.041	1.039	1.038	1.038
38.	1.002	1.010	1.016	1.021	1.023	1.025	1.025	1.025	1.025	1.025	1.025	1.027	1.030
40.	0.978	0.986	0.992	0.998	1.001	1.004	1.006	1.008	1.009	1.012	1.014	1.018	1.024
42.	0.958	0.967	0.974	0.979	0.984	0.988	0.991	0.994	0.998	1.001	1.006	1.012	1.020
44.	0.944	0.952	0.960	0.966	0.971	0.976	0.980	0.984	0.989	0.994	1.000	1.007	1.017
46.	0.933	0.942	0.950	0.956	0.962	0.967	0.972	0.977	0.982	0.988	0.995	1.004	1.015
48.	0.927	0.936	0.944	0.951	0.957	0.962	0.968	0.973	0.979	0.985	0.993	1.002	1.014
50.	0.925	0.934	0.942	0.949	0.955	0.961	0.966	0.972	0.978	0.984	0.992	1.002	1.014

ROOM HEIGHT 70.0 DETECTOR HEIGHT 14.0 CEILING STRENGTH 0.2

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	3.676	3.619	3.449	3.202	2.920	2.634	2.368	2.130	1.925	1.750	1.603	1.479	1.375
2.	3.619	3.564	3.401	3.163	2.890	2.613	2.353	2.121	1.920	1.748	1.603	1.481	1.379
4.	3.449	3.401	3.256	3.042	2.794	2.540	2.299	2.082	1.892	1.729	1.590	1.473	1.375
6.	3.202	3.163	3.042	2.862	2.648	2.426	2.213	2.018	1.845	1.694	1.565	1.456	1.363
8.	2.920	2.890	2.794	2.648	2.473	2.287	2.105	1.935	1.782	1.648	1.531	1.430	1.345
10.	2.634	2.613	2.540	2.426	2.287	2.136	1.985	1.842	1.710	1.593	1.489	1.399	1.322
12.	2.368	2.353	2.299	2.213	2.105	1.985	1.863	1.745	1.634	1.533	1.443	1.364	1.295
14.	2.130	2.121	2.082	2.018	1.935	1.842	1.745	1.648	1.557	1.472	1.395	1.327	1.266
16.	1.925	1.920	1.892	1.845	1.782	1.710	1.634	1.557	1.482	1.412	1.347	1.289	1.237
18.	1.750	1.748	1.729	1.694	1.648	1.593	1.533	1.472	1.412	1.354	1.301	1.252	1.207
20.	1.603	1.603	1.590	1.565	1.531	1.489	1.443	1.395	1.347	1.301	1.257	1.216	1.179
22.	1.479	1.481	1.473	1.456	1.430	1.399	1.364	1.327	1.289	1.252	1.216	1.183	1.153
24.	1.375	1.379	1.375	1.363	1.345	1.322	1.295	1.266	1.237	1.207	1.179	1.153	1.128
26.	1.289	1.293	1.292	1.284	1.271	1.255	1.235	1.213	1.191	1.168	1.146	1.125	1.106
28.	1.216	1.222	1.222	1.218	1.209	1.198	1.183	1.167	1.151	1.133	1.117	1.101	1.087
30.	1.155	1.161	1.164	1.162	1.157	1.149	1.139	1.128	1.116	1.103	1.091	1.080	1.070
32.	1.104	1.111	1.115	1.115	1.113	1.108	1.102	1.094	1.086	1.077	1.069	1.062	1.055
34.	1.062	1.069	1.074	1.076	1.076	1.074	1.070	1.066	1.060	1.055	1.050	1.046	1.043
36.	1.027	1.034	1.040	1.043	1.045	1.045	1.044	1.042	1.039	1.037	1.035	1.034	1.033
38.	0.998	1.006	1.012	1.017	1.019	1.021	1.022	1.022	1.021	1.021	1.022	1.023	1.026
40.	0.975	0.983	0.990	0.995	0.999	1.002	1.004	1.006	1.007	1.009	1.011	1.015	1.020
42.	0.957	0.965	0.972	0.978	0.983	0.987	0.990	0.993	0.996	0.999	1.003	1.009	1.016
44.	0.943	0.951	0.959	0.965	0.970	0.975	0.979	0.983	0.987	0.992	0.997	1.004	1.013
46.	0.933	0.942	0.949	0.956	0.962	0.967	0.972	0.977	0.981	0.987	0.993	1.001	1.011
48.	0.928	0.936	0.944	0.951	0.957	0.962	0.967	0.973	0.978	0.984	0.991	0.999	1.009
50.	0.926	0.934	0.942	0.949	0.955	0.961	0.966	0.971	0.977	0.983	0.990	0.999	1.009

ROOM HEIGHT			70.0		DETECTOR HEIGHT			12.0	CEILING STRENGTH				0.2
X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	1.323	1.241	1.173	1.117	1.071	1.033	1.002	0.978	0.958	0.944	0.933	0.927	0.925
2.	1.327	1.246	1.180	1.124	1.079	1.041	1.010	0.986	0.967	0.952	0.942	0.936	0.934
4.	1.324	1.246	1.181	1.127	1.083	1.046	1.016	0.992	0.974	0.960	0.950	0.944	0.942
6.	1.315	1.241	1.179	1.127	1.085	1.049	1.021	0.998	0.979	0.966	0.956	0.951	0.949
8.	1.300	1.231	1.173	1.124	1.084	1.051	1.023	1.001	0.984	0.971	0.962	0.957	0.955
10.	1.281	1.217	1.164	1.119	1.081	1.050	1.025	1.004	0.988	0.976	0.967	0.962	0.961
12.	1.258	1.201	1.152	1.111	1.077	1.049	1.025	1.006	0.991	0.980	0.972	0.968	0.966
14.	1.233	1.183	1.139	1.103	1.072	1.046	1.025	1.008	0.994	0.984	0.977	0.973	0.972
16.	1.208	1.164	1.126	1.094	1.066	1.043	1.025	1.009	0.998	0.989	0.982	0.979	0.978
18.	1.183	1.145	1.112	1.084	1.061	1.041	1.025	1.012	1.001	0.994	0.988	0.985	0.984
20.	1.158	1.127	1.099	1.075	1.055	1.039	1.025	1.014	1.006	1.000	0.995	0.993	0.992
22.	1.136	1.109	1.087	1.067	1.051	1.038	1.027	1.018	1.012	1.007	1.004	1.002	1.002
24.	1.115	1.094	1.076	1.061	1.048	1.038	1.030	1.024	1.020	1.017	1.015	1.014	1.014
26.	1.096	1.080	1.067	1.056	1.047	1.040	1.036	1.033	1.031	1.030	1.030	1.030	1.030
28.	1.080	1.069	1.059	1.052	1.048	1.045	1.043	1.044	1.045	1.046	1.048	1.049	1.049
30.	1.067	1.059	1.054	1.051	1.051	1.052	1.054	1.058	1.063	1.067	1.071	1.074	1.074
32.	1.056	1.052	1.051	1.053	1.056	1.061	1.068	1.077	1.085	1.094	1.100	1.105	1.106
34.	1.047	1.048	1.051	1.056	1.064	1.074	1.086	1.100	1.113	1.126	1.137	1.144	1.147
36.	1.040	1.045	1.052	1.061	1.074	1.090	1.108	1.127	1.148	1.167	1.183	1.193	1.197
38.	1.036	1.043	1.054	1.068	1.086	1.108	1.132	1.160	1.188	1.215	1.238	1.253	1.259
40.	1.033	1.044	1.058	1.077	1.100	1.127	1.160	1.196	1.234	1.272	1.303	1.325	1.333
42.	1.031	1.045	1.063	1.085	1.113	1.148	1.188	1.234	1.284	1.334	1.377	1.407	1.418
44.	1.030	1.046	1.067	1.094	1.126	1.167	1.215	1.272	1.334	1.397	1.454	1.494	1.509
46.	1.030	1.048	1.071	1.100	1.137	1.183	1.238	1.303	1.377	1.454	1.524	1.574	1.593
48.	1.030	1.049	1.074	1.105	1.144	1.193	1.253	1.325	1.407	1.494	1.574	1.633	1.655
50.	1.030	1.049	1.074	1.106	1.147	1.197	1.259	1.333	1.418	1.509	1.593	1.655	1.678

ROOM HEIGHT			70.0		DETECTOR HEIGHT			14.0	CEILING STRENGTH				0.2
X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	1.289	1.216	1.155	1.104	1.062	1.027	0.998	0.975	0.957	0.943	0.933	0.928	0.926
2.	1.293	1.222	1.161	1.111	1.069	1.034	1.006	0.983	0.965	0.951	0.942	0.936	0.934
4.	1.292	1.222	1.164	1.115	1.074	1.040	1.012	0.990	0.972	0.959	0.949	0.944	0.942
6.	1.284	1.218	1.162	1.115	1.076	1.043	1.017	0.995	0.978	0.965	0.956	0.951	0.949
8.	1.271	1.209	1.157	1.113	1.076	1.045	1.019	0.999	0.983	0.970	0.962	0.957	0.955
10.	1.255	1.198	1.149	1.108	1.074	1.045	1.021	1.002	0.987	0.975	0.967	0.962	0.961
12.	1.235	1.183	1.139	1.102	1.070	1.044	1.022	1.004	0.990	0.979	0.972	0.967	0.966
14.	1.213	1.167	1.128	1.094	1.066	1.042	1.022	1.006	0.993	0.983	0.977	0.973	0.971
16.	1.191	1.151	1.116	1.086	1.060	1.039	1.021	1.007	0.996	0.987	0.981	0.978	0.977
18.	1.168	1.133	1.103	1.077	1.055	1.037	1.021	1.009	0.999	0.992	0.987	0.984	0.983
20.	1.146	1.117	1.091	1.069	1.050	1.035	1.022	1.011	1.003	0.997	0.993	0.991	0.990
22.	1.125	1.101	1.080	1.062	1.046	1.034	1.023	1.015	1.009	1.004	1.001	0.999	0.999
24.	1.106	1.087	1.070	1.055	1.043	1.033	1.026	1.020	1.016	1.013	1.011	1.009	1.009
26.	1.089	1.074	1.061	1.050	1.042	1.035	1.030	1.027	1.025	1.023	1.023	1.022	1.022
28.	1.074	1.063	1.054	1.047	1.042	1.038	1.037	1.036	1.036	1.037	1.038	1.039	1.039
30.	1.061	1.054	1.049	1.045	1.044	1.044	1.045	1.048	1.051	1.054	1.057	1.059	1.059
32.	1.050	1.047	1.045	1.045	1.048	1.051	1.057	1.063	1.069	1.075	1.080	1.084	1.085
34.	1.042	1.042	1.044	1.048	1.054	1.061	1.071	1.081	1.091	1.101	1.109	1.114	1.116
36.	1.035	1.038	1.044	1.051	1.061	1.073	1.087	1.102	1.118	1.132	1.144	1.151	1.154
38.	1.030	1.037	1.045	1.057	1.071	1.087	1.106	1.127	1.148	1.168	1.184	1.195	1.198
40.	1.027	1.036	1.048	1.063	1.081	1.102	1.127	1.154	1.182	1.208	1.230	1.244	1.249
42.	1.025	1.036	1.051	1.069	1.091	1.118	1.148	1.182	1.217	1.250	1.279	1.298	1.305
44.	1.023	1.037	1.054	1.075	1.101	1.132	1.168	1.208	1.250	1.291	1.327	1.351	1.360
46.	1.023	1.038	1.057	1.080	1.109	1.144	1.184	1.230	1.279	1.327	1.369	1.398	1.409
48.	1.022	1.039	1.059	1.084	1.114	1.151	1.195	1.244	1.298	1.351	1.398	1.431	1.443
50.	1.022	1.039	1.059	1.085	1.116	1.154	1.198	1.249	1.305	1.360	1.409	1.443	1.455

ROOM HEIGHT 70.0 DETECTOR HEIGHT 16.0 CEILING STRENGTH 0.2

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	2.951	2.919	2.820	2.669	2.488	2.296	2.109	1.935	1.778	1.640	1.521	1.418	1.329
2.	2.919	2.889	2.793	2.646	2.470	2.284	2.101	1.930	1.776	1.640	1.522	1.421	1.334
4.	2.820	2.793	2.705	2.571	2.408	2.234	2.063	1.902	1.756	1.626	1.513	1.415	1.331
6.	2.669	2.646	2.571	2.454	2.310	2.155	2.001	1.854	1.719	1.599	1.493	1.401	1.321
8.	2.488	2.470	2.408	2.310	2.189	2.056	1.921	1.791	1.671	1.562	1.465	1.380	1.306
10.	2.296	2.284	2.234	2.155	2.056	1.945	1.830	1.719	1.614	1.517	1.431	1.354	1.287
12.	2.109	2.101	2.063	2.001	1.921	1.830	1.735	1.641	1.552	1.468	1.393	1.325	1.264
14.	1.935	1.930	1.902	1.854	1.791	1.719	1.641	1.564	1.488	1.417	1.352	1.293	1.240
16.	1.778	1.776	1.756	1.719	1.671	1.614	1.552	1.488	1.426	1.366	1.311	1.260	1.214
18.	1.640	1.640	1.626	1.599	1.562	1.517	1.468	1.417	1.366	1.317	1.270	1.227	1.188
20.	1.521	1.522	1.513	1.493	1.465	1.431	1.393	1.352	1.311	1.270	1.232	1.196	1.163
22.	1.418	1.421	1.415	1.401	1.380	1.354	1.325	1.293	1.260	1.227	1.196	1.166	1.139
24.	1.329	1.334	1.331	1.321	1.306	1.287	1.264	1.240	1.214	1.188	1.163	1.139	1.117
26.	1.254	1.259	1.259	1.253	1.243	1.228	1.211	1.193	1.173	1.152	1.133	1.114	1.096
28.	1.190	1.196	1.197	1.194	1.188	1.178	1.165	1.151	1.136	1.121	1.106	1.092	1.078
30.	1.136	1.142	1.145	1.144	1.141	1.134	1.126	1.116	1.105	1.094	1.083	1.072	1.063
32.	1.090	1.097	1.101	1.102	1.100	1.097	1.091	1.085	1.077	1.070	1.062	1.055	1.049
34.	1.052	1.059	1.064	1.066	1.067	1.065	1.062	1.058	1.054	1.049	1.045	1.041	1.038
36.	1.019	1.027	1.033	1.036	1.038	1.038	1.038	1.036	1.034	1.032	1.030	1.029	1.028
38.	0.993	1.001	1.007	1.012	1.015	1.016	1.017	1.018	1.017	1.017	1.018	1.019	1.021
40.	0.971	0.979	0.986	0.991	0.995	0.998	1.001	1.002	1.004	1.006	1.008	1.011	1.015
42.	0.954	0.963	0.970	0.975	0.980	0.984	0.988	0.990	0.993	0.996	1.000	1.005	1.010
44.	0.941	0.950	0.957	0.963	0.969	0.973	0.978	0.981	0.985	0.989	0.994	1.000	1.007
46.	0.932	0.941	0.948	0.955	0.961	0.966	0.971	0.975	0.980	0.984	0.990	0.997	1.005
48.	0.927	0.936	0.943	0.950	0.956	0.961	0.966	0.971	0.976	0.982	0.988	0.995	1.004
50.	0.925	0.934	0.942	0.948	0.954	0.960	0.965	0.970	0.975	0.981	0.987	0.994	1.004

ROOM HEIGHT 70.0 DETECTOR HEIGHT 18.0 CEILING STRENGTH 0.2

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	2.460	2.442	2.381	2.285	2.165	2.034	1.900	1.771	1.651	1.543	1.446	1.360	1.286
2.	2.442	2.426	2.366	2.272	2.155	2.027	1.896	1.769	1.651	1.544	1.449	1.364	1.291
4.	2.381	2.366	2.311	2.224	2.114	1.993	1.869	1.749	1.637	1.534	1.442	1.360	1.289
6.	2.285	2.272	2.224	2.146	2.048	1.938	1.825	1.714	1.609	1.513	1.427	1.350	1.282
8.	2.165	2.155	2.114	2.048	1.962	1.866	1.765	1.666	1.572	1.484	1.404	1.333	1.270
10.	2.034	2.027	1.993	1.938	1.866	1.784	1.697	1.610	1.527	1.448	1.376	1.312	1.254
12.	1.900	1.896	1.869	1.825	1.765	1.697	1.624	1.549	1.477	1.408	1.345	1.287	1.234
14.	1.771	1.769	1.749	1.714	1.666	1.610	1.549	1.487	1.425	1.366	1.310	1.259	1.213
16.	1.651	1.651	1.637	1.609	1.572	1.527	1.477	1.425	1.373	1.323	1.275	1.231	1.191
18.	1.543	1.544	1.534	1.513	1.484	1.448	1.408	1.366	1.323	1.281	1.241	1.203	1.168
20.	1.446	1.449	1.442	1.427	1.404	1.376	1.345	1.310	1.275	1.241	1.207	1.175	1.146
22.	1.360	1.364	1.360	1.350	1.333	1.312	1.287	1.259	1.231	1.203	1.175	1.149	1.125
24.	1.286	1.291	1.289	1.282	1.270	1.254	1.234	1.213	1.191	1.168	1.146	1.125	1.105
26.	1.221	1.227	1.227	1.223	1.214	1.203	1.188	1.172	1.154	1.137	1.119	1.102	1.086
28.	1.165	1.171	1.173	1.171	1.166	1.158	1.147	1.135	1.122	1.108	1.095	1.082	1.070
30.	1.117	1.124	1.127	1.127	1.124	1.119	1.111	1.103	1.093	1.083	1.073	1.064	1.055
32.	1.076	1.083	1.087	1.089	1.088	1.085	1.080	1.075	1.068	1.061	1.055	1.048	1.042
34.	1.041	1.048	1.053	1.056	1.057	1.056	1.054	1.051	1.047	1.042	1.038	1.035	1.031
36.	1.012	1.019	1.025	1.029	1.031	1.032	1.031	1.030	1.028	1.026	1.025	1.023	1.022
38.	0.987	0.995	1.001	1.006	1.009	1.011	1.012	1.013	1.013	1.013	1.013	1.014	1.015
40.	0.967	0.975	0.982	0.987	0.991	0.995	0.997	0.999	1.000	1.002	1.004	1.006	1.009
42.	0.951	0.960	0.967	0.973	0.977	0.981	0.985	0.988	0.990	0.993	0.996	1.000	1.005
44.	0.939	0.948	0.955	0.961	0.967	0.971	0.975	0.979	0.983	0.986	0.991	0.996	1.002
46.	0.931	0.939	0.947	0.953	0.959	0.964	0.969	0.973	0.977	0.982	0.987	0.993	0.999
48.	0.926	0.934	0.942	0.949	0.955	0.960	0.965	0.969	0.974	0.979	0.984	0.991	0.998
50.	0.924	0.933	0.940	0.947	0.953	0.959	0.964	0.968	0.973	0.978	0.984	0.990	0.998

ROOM HEIGHT			70.0		DETECTOR HEIGHT			16.0	CEILING STRENGTH			0.2
X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	1.254	1.190	1.136	1.090	1.052	1.019	0.993	0.971	0.954	0.941	0.932	0.927	0.925
2.	1.259	1.196	1.142	1.097	1.059	1.027	1.001	0.979	0.963	0.950	0.941	0.936	0.934
4.	1.259	1.197	1.145	1.101	1.064	1.033	1.007	0.986	0.970	0.957	0.948	0.943	0.942
6.	1.253	1.194	1.144	1.102	1.066	1.036	1.012	0.991	0.975	0.963	0.955	0.950	0.948
8.	1.243	1.188	1.141	1.100	1.067	1.038	1.015	0.995	0.980	0.969	0.961	0.956	0.954
10.	1.228	1.178	1.134	1.097	1.065	1.038	1.016	0.998	0.984	0.973	0.966	0.961	0.960
12.	1.211	1.165	1.126	1.091	1.062	1.038	1.017	1.001	0.988	0.978	0.971	0.966	0.965
14.	1.193	1.151	1.116	1.085	1.058	1.036	1.018	1.002	0.990	0.981	0.975	0.971	0.970
16.	1.173	1.136	1.105	1.077	1.054	1.034	1.017	1.004	0.993	0.985	0.980	0.976	0.975
18.	1.152	1.121	1.094	1.070	1.049	1.032	1.017	1.006	0.996	0.989	0.984	0.982	0.981
20.	1.133	1.106	1.083	1.062	1.045	1.030	1.018	1.008	1.000	0.994	0.990	0.988	0.987
22.	1.114	1.092	1.072	1.055	1.041	1.029	1.019	1.011	1.005	1.000	0.997	0.995	0.994
24.	1.096	1.078	1.063	1.049	1.038	1.028	1.021	1.015	1.010	1.007	1.005	1.004	1.004
26.	1.080	1.066	1.054	1.044	1.036	1.029	1.024	1.020	1.018	1.016	1.015	1.015	1.015
28.	1.066	1.056	1.047	1.040	1.035	1.031	1.029	1.028	1.027	1.027	1.028	1.028	1.028
30.	1.054	1.047	1.042	1.038	1.036	1.035	1.036	1.037	1.039	1.041	1.043	1.044	1.045
32.	1.044	1.040	1.038	1.038	1.039	1.041	1.045	1.049	1.054	1.058	1.062	1.064	1.065
34.	1.036	1.035	1.036	1.039	1.043	1.049	1.056	1.063	1.071	1.078	1.084	1.088	1.089
36.	1.029	1.031	1.035	1.041	1.049	1.058	1.068	1.080	1.091	1.101	1.110	1.115	1.117
38.	1.024	1.029	1.036	1.045	1.056	1.068	1.083	1.098	1.113	1.128	1.139	1.147	1.149
40.	1.020	1.028	1.037	1.049	1.063	1.080	1.098	1.118	1.138	1.156	1.171	1.181	1.184
42.	1.018	1.027	1.039	1.054	1.071	1.091	1.113	1.138	1.162	1.185	1.204	1.217	1.221
44.	1.016	1.027	1.041	1.058	1.078	1.101	1.128	1.156	1.185	1.212	1.235	1.251	1.256
46.	1.015	1.028	1.043	1.062	1.084	1.110	1.139	1.171	1.204	1.235	1.262	1.279	1.286
48.	1.015	1.028	1.044	1.064	1.088	1.115	1.147	1.181	1.217	1.251	1.279	1.299	1.306
50.	1.015	1.028	1.045	1.065	1.089	1.117	1.149	1.184	1.221	1.256	1.284	1.306	1.313

ROOM HEIGHT			70.0		DETECTOR HEIGHT			18.0	CEILING STRENGTH			0.2
X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	1.221	1.165	1.117	1.076	1.041	1.012	0.987	0.967	0.951	0.939	0.931	0.926	0.924
2.	1.227	1.171	1.124	1.083	1.048	1.019	0.995	0.975	0.960	0.948	0.939	0.934	0.933
4.	1.227	1.173	1.127	1.087	1.053	1.025	1.001	0.982	0.967	0.955	0.947	0.942	0.940
6.	1.223	1.171	1.127	1.089	1.056	1.029	1.006	0.987	0.973	0.961	0.953	0.949	0.947
8.	1.214	1.166	1.124	1.088	1.057	1.031	1.009	0.991	0.977	0.967	0.959	0.955	0.953
10.	1.203	1.158	1.119	1.085	1.056	1.032	1.011	0.995	0.981	0.971	0.964	0.960	0.959
12.	1.188	1.147	1.111	1.080	1.054	1.031	1.012	0.997	0.985	0.975	0.969	0.965	0.964
14.	1.172	1.135	1.103	1.075	1.051	1.030	1.013	0.999	0.988	0.979	0.973	0.969	0.968
16.	1.154	1.122	1.093	1.068	1.047	1.028	1.013	1.000	0.990	0.983	0.977	0.974	0.973
18.	1.137	1.108	1.083	1.061	1.042	1.026	1.013	1.002	0.993	0.986	0.982	0.979	0.978
20.	1.119	1.095	1.073	1.055	1.038	1.025	1.013	1.004	0.996	0.991	0.987	0.984	0.984
22.	1.102	1.082	1.064	1.048	1.035	1.023	1.014	1.006	1.000	0.996	0.993	0.991	0.990
24.	1.086	1.070	1.055	1.042	1.031	1.022	1.015	1.009	1.005	1.002	0.999	0.998	0.998
26.	1.072	1.059	1.047	1.037	1.029	1.023	1.018	1.014	1.011	1.009	1.008	1.007	1.007
28.	1.059	1.049	1.041	1.034	1.028	1.024	1.021	1.020	1.019	1.018	1.018	1.018	1.018
30.	1.047	1.041	1.035	1.031	1.028	1.027	1.027	1.027	1.028	1.029	1.030	1.031	1.031
32.	1.037	1.034	1.031	1.030	1.030	1.031	1.033	1.036	1.039	1.042	1.045	1.047	1.047
34.	1.029	1.028	1.028	1.030	1.033	1.037	1.042	1.047	1.053	1.058	1.062	1.064	1.065
36.	1.023	1.024	1.027	1.031	1.037	1.044	1.051	1.059	1.068	1.075	1.081	1.085	1.086
38.	1.018	1.021	1.027	1.033	1.042	1.051	1.062	1.073	1.084	1.094	1.102	1.108	1.109
40.	1.014	1.020	1.027	1.036	1.047	1.059	1.073	1.087	1.102	1.114	1.125	1.132	1.134
42.	1.011	1.019	1.028	1.039	1.053	1.068	1.084	1.102	1.119	1.135	1.147	1.156	1.159
44.	1.009	1.018	1.029	1.042	1.058	1.075	1.094	1.114	1.135	1.153	1.168	1.178	1.182
46.	1.008	1.018	1.030	1.045	1.062	1.081	1.102	1.125	1.147	1.168	1.185	1.196	1.200
48.	1.007	1.018	1.031	1.047	1.064	1.085	1.108	1.132	1.156	1.178	1.196	1.209	1.213
50.	1.007	1.018	1.031	1.047	1.065	1.086	1.109	1.134	1.159	1.182	1.200	1.213	1.217

ROOM HEIGHT 70.0 DETECTOR HEIGHT 20.0 CEILING STRENGTH 0.2

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	2.115	2.106	2.067	2.004	1.922	1.829	1.733	1.636	1.544	1.458	1.380	1.309	1.246
2.	2.106	2.097	2.059	1.997	1.917	1.826	1.731	1.636	1.545	1.461	1.383	1.313	1.251
4.	2.067	2.059	2.024	1.965	1.890	1.804	1.713	1.622	1.535	1.454	1.379	1.311	1.251
6.	2.004	1.997	1.965	1.912	1.844	1.765	1.681	1.594	1.515	1.438	1.367	1.303	1.245
8.	1.922	1.917	1.890	1.844	1.783	1.712	1.637	1.560	1.486	1.415	1.350	1.290	1.236
10.	1.829	1.826	1.804	1.765	1.712	1.651	1.585	1.517	1.450	1.387	1.327	1.272	1.223
12.	1.733	1.731	1.713	1.681	1.637	1.585	1.528	1.469	1.410	1.354	1.301	1.251	1.206
14.	1.636	1.636	1.622	1.594	1.560	1.517	1.469	1.419	1.368	1.319	1.272	1.229	1.188
16.	1.544	1.545	1.535	1.515	1.486	1.450	1.410	1.368	1.325	1.283	1.243	1.204	1.169
18.	1.458	1.461	1.454	1.438	1.415	1.387	1.354	1.319	1.283	1.247	1.213	1.180	1.149
20.	1.380	1.383	1.379	1.367	1.350	1.327	1.301	1.272	1.243	1.213	1.184	1.156	1.130
22.	1.309	1.313	1.311	1.303	1.290	1.272	1.251	1.229	1.204	1.180	1.156	1.133	1.111
24.	1.246	1.251	1.251	1.245	1.236	1.223	1.206	1.188	1.169	1.149	1.130	1.111	1.093
26.	1.190	1.196	1.197	1.194	1.188	1.178	1.166	1.152	1.137	1.121	1.106	1.091	1.076
28.	1.141	1.148	1.150	1.149	1.145	1.138	1.130	1.119	1.108	1.096	1.084	1.072	1.061
30.	1.099	1.105	1.109	1.110	1.108	1.104	1.098	1.090	1.082	1.073	1.064	1.056	1.047
32.	1.062	1.069	1.074	1.076	1.075	1.073	1.070	1.065	1.059	1.053	1.047	1.041	1.035
34.	1.030	1.038	1.043	1.046	1.047	1.047	1.045	1.043	1.039	1.036	1.032	1.028	1.025
36.	1.004	1.011	1.017	1.021	1.024	1.025	1.025	1.024	1.022	1.021	1.019	1.018	1.017
38.	0.981	0.989	0.995	1.000	1.004	1.006	1.007	1.008	1.008	1.008	1.008	1.009	1.010
40.	0.963	0.971	0.978	0.983	0.987	0.991	0.993	0.995	0.996	0.998	0.999	1.001	1.004
42.	0.948	0.956	0.963	0.969	0.974	0.978	0.981	0.984	0.987	0.989	0.992	0.995	0.999
44.	0.937	0.945	0.953	0.959	0.964	0.969	0.973	0.976	0.980	0.983	0.987	0.991	0.996
46.	0.929	0.937	0.945	0.951	0.957	0.962	0.967	0.971	0.975	0.979	0.983	0.988	0.994
48.	0.924	0.933	0.940	0.947	0.953	0.958	0.963	0.967	0.972	0.976	0.981	0.986	0.993
50.	0.923	0.931	0.939	0.946	0.952	0.957	0.962	0.966	0.971	0.975	0.980	0.986	0.992

ROOM HEIGHT 70.0 DETECTOR HEIGHT 22.0 CEILING STRENGTH 0.2

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	1.868	1.864	1.838	1.795	1.738	1.671	1.600	1.527	1.455	1.386	1.322	1.263	1.210
2.	1.864	1.859	1.835	1.792	1.736	1.671	1.600	1.528	1.457	1.390	1.326	1.268	1.215
4.	1.838	1.835	1.811	1.771	1.718	1.656	1.588	1.519	1.451	1.385	1.324	1.268	1.216
6.	1.795	1.792	1.771	1.735	1.685	1.628	1.565	1.500	1.435	1.374	1.316	1.262	1.213
8.	1.738	1.736	1.718	1.685	1.641	1.589	1.532	1.472	1.413	1.356	1.302	1.251	1.205
10.	1.671	1.671	1.656	1.628	1.589	1.543	1.492	1.439	1.385	1.333	1.283	1.237	1.194
12.	1.600	1.600	1.588	1.565	1.532	1.492	1.448	1.401	1.353	1.307	1.262	1.220	1.181
14.	1.527	1.528	1.519	1.500	1.472	1.439	1.401	1.360	1.319	1.278	1.238	1.201	1.166
16.	1.455	1.457	1.451	1.435	1.413	1.385	1.353	1.319	1.283	1.248	1.213	1.180	1.149
18.	1.386	1.390	1.385	1.374	1.356	1.333	1.307	1.278	1.248	1.217	1.187	1.159	1.132
20.	1.322	1.326	1.324	1.316	1.302	1.283	1.262	1.238	1.213	1.187	1.162	1.138	1.115
22.	1.263	1.268	1.268	1.262	1.251	1.237	1.220	1.201	1.180	1.159	1.138	1.117	1.098
24.	1.210	1.215	1.216	1.213	1.205	1.194	1.181	1.166	1.149	1.132	1.115	1.098	1.082
26.	1.162	1.168	1.170	1.168	1.163	1.156	1.145	1.134	1.121	1.107	1.093	1.079	1.066
28.	1.119	1.126	1.129	1.129	1.126	1.121	1.113	1.104	1.095	1.084	1.073	1.063	1.053
30.	1.082	1.089	1.093	1.094	1.093	1.090	1.085	1.078	1.071	1.063	1.055	1.048	1.040
32.	1.049	1.056	1.061	1.063	1.064	1.062	1.059	1.055	1.050	1.045	1.039	1.034	1.029
34.	1.020	1.028	1.033	1.037	1.038	1.039	1.037	1.035	1.032	1.029	1.026	1.022	1.019
36.	0.996	1.004	1.010	1.014	1.017	1.018	1.018	1.018	1.017	1.015	1.014	1.012	1.011
38.	0.975	0.983	0.990	0.995	0.998	1.001	1.002	1.003	1.003	1.003	1.003	1.004	1.004
40.	0.958	0.966	0.973	0.979	0.983	0.986	0.989	0.991	0.992	0.994	0.995	0.996	0.999
42.	0.945	0.953	0.960	0.966	0.971	0.975	0.978	0.981	0.983	0.986	0.988	0.991	0.994
44.	0.934	0.943	0.950	0.956	0.961	0.966	0.970	0.973	0.977	0.980	0.983	0.987	0.991
46.	0.927	0.935	0.943	0.949	0.955	0.960	0.964	0.968	0.972	0.976	0.979	0.984	0.989
48.	0.922	0.931	0.939	0.945	0.951	0.956	0.961	0.965	0.969	0.973	0.977	0.982	0.987
50.	0.921	0.930	0.937	0.944	0.950	0.955	0.960	0.964	0.968	0.972	0.977	0.981	0.987

ROOM HEIGHT			70.0		DETECTOR HEIGHT			20.0		CEILING STRENGTH			0.2
X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	1.190	1.141	1.099	1.062	1.030	1.004	0.981	0.963	0.948	0.937	0.929	0.924	0.923
2.	1.196	1.148	1.105	1.069	1.038	1.011	0.989	0.971	0.956	0.945	0.937	0.933	0.931
4.	1.197	1.150	1.109	1.074	1.043	1.017	0.995	0.978	0.963	0.953	0.945	0.940	0.939
6.	1.194	1.149	1.110	1.076	1.046	1.021	1.000	0.983	0.969	0.959	0.951	0.947	0.946
8.	1.188	1.145	1.108	1.075	1.047	1.024	1.004	0.987	0.974	0.964	0.957	0.953	0.952
10.	1.178	1.138	1.104	1.073	1.047	1.025	1.006	0.991	0.978	0.969	0.962	0.958	0.957
12.	1.166	1.130	1.098	1.070	1.045	1.025	1.007	0.993	0.981	0.973	0.967	0.963	0.962
14.	1.152	1.119	1.090	1.065	1.043	1.024	1.008	0.995	0.984	0.976	0.971	0.967	0.966
16.	1.137	1.108	1.082	1.059	1.039	1.022	1.008	0.996	0.987	0.980	0.975	0.972	0.971
18.	1.121	1.096	1.073	1.053	1.036	1.021	1.008	0.998	0.989	0.983	0.979	0.976	0.975
20.	1.106	1.084	1.064	1.047	1.032	1.019	1.008	0.999	0.992	0.987	0.983	0.981	0.980
22.	1.091	1.072	1.056	1.041	1.028	1.018	1.009	1.001	0.995	0.991	0.988	0.986	0.986
24.	1.076	1.061	1.047	1.035	1.025	1.017	1.010	1.004	0.999	0.996	0.994	0.993	0.992
26.	1.063	1.051	1.040	1.031	1.023	1.016	1.011	1.007	1.004	1.002	1.001	1.000	1.000
28.	1.051	1.042	1.034	1.027	1.021	1.017	1.014	1.012	1.010	1.009	1.009	1.009	1.009
30.	1.040	1.034	1.028	1.024	1.021	1.019	1.018	1.018	1.018	1.018	1.019	1.019	1.019
32.	1.031	1.027	1.024	1.022	1.022	1.022	1.023	1.025	1.026	1.028	1.030	1.031	1.031
34.	1.023	1.021	1.021	1.022	1.023	1.026	1.029	1.033	1.036	1.040	1.043	1.045	1.045
36.	1.016	1.017	1.019	1.022	1.026	1.031	1.036	1.042	1.048	1.053	1.057	1.060	1.061
38.	1.011	1.014	1.018	1.023	1.029	1.036	1.044	1.052	1.060	1.067	1.073	1.076	1.078
40.	1.007	1.012	1.018	1.025	1.033	1.042	1.052	1.062	1.072	1.081	1.089	1.093	1.095
42.	1.004	1.010	1.018	1.026	1.036	1.048	1.060	1.072	1.085	1.096	1.104	1.110	1.112
44.	1.002	1.009	1.018	1.028	1.040	1.053	1.067	1.081	1.096	1.108	1.118	1.125	1.127
46.	1.001	1.009	1.019	1.030	1.043	1.057	1.073	1.089	1.104	1.118	1.130	1.137	1.140
48.	1.000	1.009	1.019	1.031	1.045	1.060	1.076	1.093	1.110	1.125	1.137	1.145	1.148
50.	1.000	1.009	1.019	1.031	1.045	1.061	1.078	1.095	1.112	1.127	1.140	1.148	1.150

ROOM HEIGHT			70.0		DETECTOR HEIGHT			22.0		CEILING STRENGTH			0.2
X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	1.162	1.119	1.082	1.049	1.020	0.996	0.975	0.958	0.945	0.934	0.927	0.922	0.921
2.	1.168	1.126	1.089	1.056	1.028	1.004	0.983	0.966	0.953	0.943	0.935	0.931	0.930
4.	1.170	1.129	1.093	1.061	1.033	1.010	0.990	0.973	0.960	0.950	0.943	0.939	0.937
6.	1.168	1.129	1.094	1.063	1.037	1.014	0.995	0.979	0.966	0.956	0.949	0.945	0.944
8.	1.163	1.126	1.093	1.064	1.038	1.017	0.998	0.983	0.971	0.961	0.955	0.951	0.950
10.	1.156	1.121	1.090	1.062	1.039	1.018	1.001	0.986	0.975	0.966	0.960	0.956	0.955
12.	1.145	1.113	1.085	1.059	1.037	1.018	1.002	0.989	0.978	0.970	0.964	0.961	0.960
14.	1.134	1.104	1.078	1.055	1.035	1.018	1.003	0.991	0.981	0.973	0.968	0.965	0.964
16.	1.121	1.095	1.071	1.050	1.032	1.017	1.003	0.992	0.983	0.977	0.972	0.969	0.968
18.	1.107	1.084	1.063	1.045	1.029	1.015	1.003	0.994	0.986	0.980	0.976	0.973	0.972
20.	1.093	1.073	1.055	1.039	1.026	1.014	1.003	0.995	0.988	0.983	0.979	0.977	0.977
22.	1.079	1.063	1.048	1.034	1.022	1.012	1.004	0.996	0.991	0.987	0.984	0.982	0.981
24.	1.066	1.053	1.040	1.029	1.019	1.011	1.004	0.999	0.994	0.991	0.989	0.987	0.987
26.	1.054	1.043	1.033	1.024	1.017	1.010	1.005	1.001	0.998	0.996	0.994	0.993	0.993
28.	1.043	1.035	1.027	1.020	1.015	1.011	1.007	1.005	1.003	1.002	1.001	1.000	1.000
30.	1.033	1.027	1.022	1.017	1.014	1.012	1.010	1.009	1.009	1.008	1.008	1.009	1.009
32.	1.024	1.020	1.017	1.015	1.014	1.013	1.014	1.014	1.015	1.016	1.017	1.018	1.018
34.	1.017	1.015	1.014	1.014	1.015	1.016	1.018	1.020	1.023	1.025	1.027	1.028	1.029
36.	1.010	1.011	1.012	1.013	1.016	1.019	1.023	1.027	1.031	1.035	1.038	1.040	1.040
38.	1.005	1.007	1.010	1.014	1.018	1.023	1.029	1.034	1.040	1.045	1.049	1.052	1.052
40.	1.001	1.005	1.009	1.014	1.020	1.027	1.034	1.042	1.049	1.055	1.060	1.064	1.065
42.	0.998	1.003	1.009	1.015	1.023	1.031	1.040	1.049	1.058	1.065	1.071	1.075	1.077
44.	0.996	1.002	1.008	1.016	1.025	1.035	1.045	1.055	1.065	1.074	1.081	1.086	1.087
46.	0.994	1.001	1.008	1.017	1.027	1.038	1.049	1.060	1.071	1.081	1.089	1.094	1.095
48.	0.993	1.000	1.009	1.018	1.028	1.040	1.052	1.064	1.075	1.086	1.094	1.099	1.101
50.	0.993	1.000	1.009	1.018	1.029	1.040	1.052	1.065	1.077	1.087	1.095	1.101	1.103

ROOM HEIGHT 70.0 DETECTOR HEIGHT 24.0 CEILING STRENGTH 0.2

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	1.688	1.687	1.670	1.640	1.598	1.549	1.495	1.439	1.382	1.327	1.274	1.225	1.179
2.	1.687	1.685	1.669	1.639	1.599	1.551	1.497	1.442	1.386	1.331	1.279	1.230	1.185
4.	1.670	1.669	1.653	1.625	1.587	1.540	1.489	1.435	1.381	1.328	1.278	1.230	1.186
6.	1.640	1.639	1.625	1.599	1.563	1.520	1.472	1.421	1.370	1.320	1.272	1.226	1.184
8.	1.598	1.599	1.587	1.563	1.531	1.492	1.447	1.400	1.353	1.306	1.261	1.218	1.178
10.	1.549	1.551	1.540	1.520	1.492	1.456	1.416	1.374	1.331	1.288	1.246	1.207	1.170
12.	1.495	1.497	1.489	1.472	1.447	1.416	1.381	1.344	1.305	1.266	1.228	1.192	1.159
14.	1.439	1.442	1.435	1.421	1.400	1.374	1.344	1.311	1.277	1.242	1.208	1.176	1.145
16.	1.382	1.386	1.381	1.370	1.353	1.331	1.305	1.277	1.247	1.217	1.187	1.158	1.131
18.	1.327	1.331	1.328	1.320	1.306	1.288	1.266	1.242	1.217	1.191	1.165	1.140	1.116
20.	1.274	1.279	1.278	1.272	1.261	1.246	1.228	1.208	1.187	1.165	1.143	1.122	1.101
22.	1.225	1.230	1.230	1.226	1.218	1.207	1.192	1.176	1.158	1.140	1.122	1.103	1.086
24.	1.179	1.185	1.186	1.184	1.178	1.170	1.159	1.145	1.131	1.116	1.101	1.086	1.071
26.	1.138	1.144	1.146	1.146	1.142	1.136	1.127	1.117	1.106	1.094	1.082	1.069	1.058
28.	1.100	1.107	1.110	1.111	1.109	1.105	1.099	1.091	1.083	1.073	1.064	1.054	1.045
30.	1.067	1.074	1.078	1.080	1.079	1.077	1.073	1.068	1.061	1.054	1.047	1.040	1.033
32.	1.037	1.044	1.049	1.052	1.053	1.052	1.050	1.047	1.042	1.038	1.033	1.028	1.023
34.	1.011	1.019	1.024	1.028	1.030	1.031	1.030	1.028	1.026	1.023	1.020	1.017	1.014
36.	0.989	0.997	1.003	1.007	1.010	1.012	1.012	1.012	1.011	1.010	1.008	1.007	1.006
38.	0.970	0.978	0.984	0.989	0.993	0.996	0.997	0.998	0.999	0.999	0.999	0.999	0.999
40.	0.954	0.962	0.969	0.975	0.979	0.982	0.985	0.987	0.988	0.990	0.991	0.992	0.994
42.	0.941	0.950	0.957	0.963	0.968	0.972	0.975	0.978	0.980	0.982	0.984	0.987	0.989
44.	0.932	0.940	0.947	0.954	0.959	0.963	0.967	0.971	0.974	0.977	0.979	0.983	0.986
46.	0.925	0.933	0.941	0.947	0.953	0.958	0.962	0.966	0.969	0.973	0.976	0.980	0.984
48.	0.921	0.929	0.937	0.943	0.949	0.954	0.959	0.963	0.966	0.970	0.974	0.978	0.982
50.	0.919	0.928	0.935	0.942	0.948	0.953	0.957	0.962	0.966	0.969	0.973	0.977	0.982

ROOM HEIGHT 70.0 DETECTOR HEIGHT 26.0 CEILING STRENGTH 0.2

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	1.557	1.557	1.546	1.524	1.494	1.457	1.415	1.370	1.324	1.279	1.235	1.193	1.153
2.	1.557	1.557	1.547	1.525	1.495	1.459	1.418	1.373	1.328	1.283	1.240	1.198	1.159
4.	1.546	1.547	1.536	1.516	1.487	1.452	1.412	1.370	1.326	1.282	1.240	1.199	1.161
6.	1.524	1.525	1.516	1.497	1.471	1.437	1.400	1.359	1.318	1.276	1.236	1.197	1.160
8.	1.494	1.495	1.487	1.471	1.446	1.416	1.381	1.343	1.304	1.265	1.227	1.190	1.156
10.	1.457	1.459	1.452	1.437	1.416	1.388	1.357	1.322	1.286	1.250	1.215	1.181	1.149
12.	1.415	1.418	1.412	1.400	1.381	1.357	1.328	1.298	1.265	1.233	1.200	1.169	1.139
14.	1.370	1.373	1.370	1.359	1.343	1.322	1.298	1.270	1.242	1.212	1.183	1.155	1.128
16.	1.324	1.328	1.326	1.318	1.304	1.286	1.265	1.242	1.217	1.191	1.165	1.140	1.116
18.	1.279	1.283	1.282	1.276	1.265	1.250	1.233	1.212	1.191	1.169	1.146	1.124	1.103
20.	1.235	1.240	1.240	1.236	1.227	1.215	1.200	1.183	1.165	1.146	1.127	1.108	1.089
22.	1.193	1.198	1.199	1.197	1.190	1.181	1.169	1.155	1.140	1.124	1.108	1.091	1.076
24.	1.153	1.159	1.161	1.160	1.156	1.149	1.139	1.128	1.116	1.103	1.089	1.076	1.062
26.	1.117	1.123	1.126	1.126	1.124	1.119	1.112	1.103	1.093	1.083	1.072	1.061	1.050
28.	1.084	1.090	1.094	1.095	1.094	1.091	1.086	1.080	1.072	1.064	1.055	1.046	1.038
30.	1.054	1.061	1.065	1.067	1.068	1.066	1.063	1.058	1.053	1.047	1.040	1.034	1.027
32.	1.027	1.034	1.039	1.042	1.044	1.043	1.042	1.039	1.035	1.031	1.027	1.022	1.017
34.	1.003	1.011	1.016	1.020	1.023	1.024	1.023	1.022	1.020	1.017	1.014	1.011	1.009
36.	0.983	0.990	0.996	1.001	1.004	1.006	1.007	1.007	1.006	1.005	1.004	1.002	1.001
38.	0.965	0.973	0.979	0.985	0.988	0.991	0.993	0.994	0.995	0.995	0.995	0.995	0.995
40.	0.950	0.958	0.965	0.971	0.975	0.979	0.981	0.983	0.985	0.986	0.987	0.988	0.989
42.	0.938	0.947	0.954	0.960	0.965	0.969	0.972	0.975	0.977	0.979	0.981	0.983	0.985
44.	0.929	0.938	0.945	0.951	0.956	0.961	0.965	0.968	0.971	0.974	0.976	0.979	0.982
46.	0.923	0.931	0.939	0.945	0.951	0.955	0.960	0.963	0.967	0.970	0.973	0.976	0.980
48.	0.919	0.927	0.935	0.941	0.947	0.952	0.957	0.960	0.964	0.967	0.971	0.974	0.978
50.	0.918	0.926	0.934	0.940	0.946	0.951	0.956	0.960	0.963	0.967	0.970	0.974	0.978

ROOM HEIGHT 70.0 DETECTOR HEIGHT 24.0 CEILING STRENGTH 0.2

X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	1.138	1.100	1.067	1.037	1.011	0.989	0.970	0.954	0.941	0.932	0.925	0.921	0.919
2.	1.144	1.107	1.074	1.044	1.019	0.997	0.978	0.962	0.950	0.940	0.933	0.929	0.928
4.	1.146	1.110	1.078	1.049	1.024	1.003	0.984	0.969	0.957	0.947	0.941	0.937	0.935
6.	1.146	1.111	1.080	1.052	1.028	1.007	0.989	0.975	0.963	0.954	0.947	0.943	0.942
8.	1.142	1.109	1.079	1.053	1.030	1.010	0.993	0.979	0.968	0.959	0.953	0.949	0.948
10.	1.136	1.105	1.077	1.052	1.031	1.012	0.996	0.982	0.972	0.963	0.958	0.954	0.953
12.	1.127	1.099	1.073	1.050	1.030	1.012	0.997	0.985	0.975	0.967	0.962	0.959	0.957
14.	1.117	1.091	1.068	1.047	1.028	1.012	0.998	0.987	0.978	0.971	0.966	0.963	0.962
16.	1.106	1.083	1.061	1.042	1.026	1.011	0.999	0.988	0.980	0.974	0.969	0.966	0.966
18.	1.094	1.073	1.054	1.038	1.023	1.010	0.999	0.990	0.982	0.977	0.973	0.970	0.969
20.	1.082	1.064	1.047	1.033	1.020	1.008	0.999	0.991	0.984	0.979	0.976	0.974	0.973
22.	1.069	1.054	1.040	1.028	1.017	1.007	0.999	0.992	0.987	0.983	0.980	0.978	0.977
24.	1.058	1.045	1.033	1.023	1.014	1.006	0.999	0.994	0.989	0.986	0.984	0.982	0.982
26.	1.046	1.036	1.027	1.018	1.011	1.005	1.000	0.996	0.992	0.990	0.988	0.987	0.987
28.	1.036	1.028	1.021	1.014	1.009	1.005	1.001	0.998	0.996	0.995	0.994	0.993	0.993
30.	1.027	1.021	1.016	1.011	1.008	1.005	1.003	1.001	1.001	1.000	1.000	1.000	1.000
32.	1.018	1.014	1.011	1.009	1.007	1.006	1.005	1.005	1.006	1.006	1.006	1.007	1.007
34.	1.011	1.009	1.008	1.007	1.007	1.007	1.008	1.010	1.011	1.013	1.014	1.015	1.015
36.	1.005	1.005	1.005	1.006	1.007	1.010	1.012	1.015	1.017	1.020	1.022	1.023	1.024
38.	1.000	1.001	1.003	1.005	1.008	1.012	1.016	1.020	1.024	1.027	1.030	1.032	1.033
40.	0.996	0.998	1.001	1.005	1.010	1.015	1.020	1.025	1.030	1.035	1.038	1.041	1.042
42.	0.992	0.996	1.001	1.006	1.011	1.017	1.024	1.030	1.037	1.042	1.046	1.049	1.050
44.	0.990	0.995	1.000	1.006	1.013	1.020	1.027	1.035	1.042	1.048	1.053	1.056	1.057
46.	0.988	0.994	1.000	1.006	1.014	1.022	1.030	1.038	1.046	1.053	1.058	1.062	1.063
48.	0.987	0.993	1.000	1.007	1.015	1.023	1.032	1.041	1.049	1.056	1.062	1.065	1.067
50.	0.987	0.993	1.000	1.007	1.015	1.024	1.033	1.042	1.050	1.057	1.063	1.067	1.068

ROOM HEIGHT 70.0 DETECTOR HEIGHT 26.0 CEILING STRENGTH 0.2

X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	1.117	1.084	1.054	1.027	1.003	0.983	0.965	0.950	0.938	0.929	0.923	0.919	0.918
2.	1.123	1.090	1.061	1.034	1.011	0.990	0.973	0.958	0.947	0.938	0.931	0.927	0.926
4.	1.126	1.094	1.065	1.039	1.016	0.996	0.979	0.965	0.954	0.945	0.939	0.935	0.934
6.	1.126	1.095	1.067	1.042	1.020	1.001	0.985	0.971	0.960	0.951	0.945	0.941	0.940
8.	1.124	1.094	1.068	1.044	1.023	1.004	0.988	0.975	0.965	0.956	0.951	0.947	0.946
10.	1.119	1.091	1.066	1.043	1.024	1.006	0.991	0.979	0.969	0.961	0.955	0.952	0.951
12.	1.112	1.086	1.063	1.042	1.023	1.007	0.993	0.981	0.972	0.965	0.960	0.957	0.956
14.	1.103	1.080	1.058	1.039	1.022	1.007	0.994	0.983	0.975	0.968	0.963	0.960	0.960
16.	1.093	1.072	1.053	1.035	1.020	1.006	0.995	0.985	0.977	0.971	0.967	0.964	0.963
18.	1.083	1.064	1.047	1.031	1.017	1.005	0.995	0.986	0.979	0.974	0.970	0.967	0.967
20.	1.072	1.055	1.040	1.027	1.014	1.004	0.995	0.987	0.981	0.976	0.973	0.971	0.970
22.	1.061	1.046	1.034	1.022	1.011	1.002	0.995	0.988	0.983	0.979	0.976	0.974	0.974
24.	1.050	1.038	1.027	1.017	1.009	1.001	0.995	0.989	0.985	0.982	0.980	0.978	0.978
26.	1.039	1.030	1.021	1.013	1.006	1.000	0.995	0.991	0.988	0.985	0.983	0.982	0.982
28.	1.030	1.022	1.015	1.009	1.004	0.999	0.996	0.993	0.990	0.989	0.988	0.987	0.987
30.	1.021	1.015	1.010	1.006	1.002	0.999	0.997	0.995	0.994	0.993	0.992	0.992	0.992
32.	1.013	1.009	1.006	1.003	1.001	0.999	0.998	0.998	0.998	0.998	0.998	0.998	0.998
34.	1.006	1.004	1.002	1.001	1.000	1.000	1.001	1.001	1.002	1.003	1.003	1.004	1.004
36.	1.000	0.999	0.999	0.999	1.000	1.001	1.003	1.005	1.007	1.008	1.009	1.010	1.011
38.	0.995	0.996	0.997	0.998	1.001	1.003	1.006	1.009	1.011	1.014	1.016	1.017	1.017
40.	0.991	0.993	0.995	0.998	1.001	1.005	1.009	1.012	1.016	1.019	1.022	1.023	1.024
42.	0.988	0.990	0.994	0.998	1.002	1.007	1.011	1.016	1.021	1.024	1.027	1.029	1.030
44.	0.985	0.989	0.993	0.998	1.004	1.008	1.014	1.019	1.024	1.029	1.032	1.034	1.035
46.	0.983	0.988	0.992	0.998	1.003	1.009	1.016	1.022	1.027	1.032	1.036	1.038	1.039
48.	0.982	0.987	0.992	0.998	1.004	1.010	1.017	1.023	1.029	1.034	1.038	1.041	1.042
50.	0.982	0.987	0.992	0.998	1.004	1.011	1.017	1.024	1.030	1.035	1.039	1.042	1.043

ROOM HEIGHT 70.0 DETECTOR HEIGHT 28.0 CEILING STRENGTH 0.2

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	1.462	1.463	1.456	1.440	1.417	1.387	1.354	1.318	1.280	1.241	1.204	1.167	1.132
2.	1.463	1.465	1.458	1.442	1.419	1.391	1.358	1.322	1.284	1.246	1.209	1.173	1.139
4.	1.456	1.458	1.451	1.436	1.414	1.386	1.354	1.320	1.283	1.246	1.210	1.175	1.141
6.	1.440	1.442	1.436	1.422	1.402	1.375	1.345	1.312	1.277	1.242	1.207	1.173	1.141
8.	1.417	1.419	1.414	1.402	1.383	1.358	1.330	1.299	1.267	1.233	1.200	1.168	1.138
10.	1.387	1.391	1.386	1.375	1.358	1.336	1.311	1.282	1.252	1.221	1.190	1.161	1.132
12.	1.354	1.358	1.354	1.345	1.330	1.311	1.287	1.262	1.234	1.206	1.178	1.150	1.124
14.	1.318	1.322	1.320	1.312	1.299	1.282	1.262	1.239	1.214	1.189	1.163	1.138	1.114
16.	1.280	1.284	1.283	1.277	1.267	1.252	1.234	1.214	1.193	1.170	1.147	1.125	1.103
18.	1.241	1.246	1.246	1.242	1.233	1.221	1.206	1.189	1.170	1.151	1.131	1.111	1.092
20.	1.204	1.209	1.210	1.207	1.200	1.190	1.178	1.163	1.147	1.131	1.113	1.096	1.079
22.	1.167	1.173	1.175	1.173	1.168	1.161	1.150	1.138	1.125	1.111	1.096	1.081	1.067
24.	1.132	1.139	1.141	1.141	1.138	1.132	1.124	1.114	1.103	1.092	1.079	1.067	1.055
26.	1.100	1.107	1.110	1.111	1.109	1.105	1.099	1.091	1.083	1.073	1.063	1.053	1.043
28.	1.070	1.077	1.081	1.083	1.082	1.080	1.076	1.070	1.063	1.056	1.048	1.040	1.032
30.	1.043	1.050	1.055	1.057	1.058	1.057	1.054	1.050	1.046	1.040	1.034	1.028	1.022
32.	1.018	1.026	1.031	1.034	1.036	1.036	1.035	1.033	1.029	1.026	1.021	1.017	1.013
34.	0.996	1.004	1.010	1.014	1.016	1.018	1.018	1.017	1.015	1.013	1.010	1.007	1.004
36.	0.977	0.985	0.991	0.996	0.999	1.001	1.002	1.003	1.002	1.001	1.000	0.999	0.997
38.	0.961	0.969	0.975	0.981	0.985	0.987	0.989	0.991	0.991	0.991	0.991	0.991	0.991
40.	0.947	0.955	0.962	0.968	0.972	0.976	0.978	0.980	0.982	0.983	0.984	0.985	0.986
42.	0.936	0.944	0.951	0.957	0.962	0.966	0.970	0.972	0.974	0.976	0.978	0.980	0.982
44.	0.927	0.936	0.943	0.949	0.954	0.959	0.963	0.966	0.969	0.971	0.974	0.976	0.978
46.	0.921	0.929	0.937	0.943	0.949	0.954	0.958	0.961	0.964	0.967	0.970	0.973	0.976
48.	0.917	0.926	0.933	0.940	0.945	0.950	0.955	0.959	0.962	0.965	0.968	0.971	0.975
50.	0.916	0.925	0.932	0.939	0.944	0.949	0.954	0.958	0.961	0.964	0.968	0.971	0.974

ROOM HEIGHT 70.0 DETECTOR HEIGHT 30.0 CEILING STRENGTH 0.2

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	1.396	1.399	1.393	1.381	1.362	1.339	1.311	1.280	1.247	1.214	1.181	1.148	1.117
2.	1.399	1.401	1.396	1.384	1.366	1.342	1.315	1.284	1.252	1.219	1.186	1.154	1.123
4.	1.393	1.396	1.392	1.380	1.362	1.340	1.313	1.283	1.252	1.220	1.188	1.157	1.126
6.	1.381	1.384	1.380	1.369	1.353	1.331	1.306	1.278	1.248	1.217	1.186	1.156	1.127
8.	1.362	1.366	1.362	1.353	1.337	1.317	1.294	1.267	1.239	1.210	1.181	1.152	1.124
10.	1.339	1.342	1.340	1.331	1.317	1.299	1.277	1.253	1.227	1.199	1.172	1.145	1.119
12.	1.311	1.315	1.313	1.306	1.294	1.277	1.258	1.235	1.211	1.186	1.161	1.136	1.112
14.	1.280	1.284	1.283	1.278	1.267	1.253	1.235	1.215	1.194	1.171	1.148	1.126	1.104
16.	1.247	1.252	1.252	1.248	1.239	1.227	1.211	1.194	1.175	1.155	1.134	1.114	1.094
18.	1.214	1.219	1.220	1.217	1.210	1.199	1.186	1.171	1.155	1.137	1.119	1.101	1.083
20.	1.181	1.186	1.188	1.186	1.181	1.172	1.161	1.148	1.134	1.119	1.103	1.087	1.072
22.	1.148	1.154	1.157	1.156	1.152	1.145	1.136	1.126	1.114	1.101	1.087	1.074	1.060
24.	1.117	1.123	1.126	1.127	1.124	1.119	1.112	1.104	1.094	1.083	1.072	1.060	1.049
26.	1.087	1.094	1.098	1.099	1.098	1.095	1.089	1.083	1.075	1.066	1.057	1.048	1.038
28.	1.060	1.067	1.071	1.073	1.073	1.071	1.068	1.063	1.057	1.050	1.043	1.035	1.028
30.	1.035	1.042	1.047	1.050	1.051	1.050	1.048	1.044	1.040	1.035	1.030	1.024	1.018
32.	1.012	1.019	1.025	1.028	1.030	1.031	1.030	1.028	1.025	1.021	1.017	1.013	1.009
34.	0.991	0.999	1.005	1.009	1.012	1.013	1.013	1.013	1.011	1.009	1.007	1.004	1.001
36.	0.973	0.981	0.987	0.992	0.995	0.998	0.999	0.999	0.999	0.998	0.997	0.996	0.994
38.	0.958	0.966	0.972	0.977	0.981	0.984	0.987	0.988	0.988	0.989	0.989	0.988	0.988
40.	0.945	0.953	0.959	0.965	0.970	0.973	0.976	0.978	0.980	0.981	0.982	0.982	0.983
42.	0.934	0.942	0.949	0.955	0.960	0.964	0.968	0.970	0.972	0.974	0.976	0.977	0.979
44.	0.926	0.934	0.941	0.947	0.953	0.957	0.961	0.964	0.967	0.969	0.971	0.974	0.976
46.	0.920	0.928	0.935	0.942	0.947	0.952	0.956	0.960	0.963	0.966	0.968	0.971	0.973
48.	0.916	0.925	0.932	0.938	0.944	0.949	0.953	0.957	0.960	0.963	0.966	0.969	0.972
50.	0.915	0.923	0.931	0.937	0.943	0.948	0.952	0.956	0.960	0.963	0.966	0.969	0.972

ROOM HEIGHT 70.0 DETECTOR HEIGHT 28.0 CEILING STRENGTH 0.2

X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	1.100	1.070	1.043	1.018	0.996	0.977	0.961	0.947	0.936	0.927	0.921	0.917	0.916
2.	1.107	1.077	1.050	1.026	1.004	0.985	0.969	0.955	0.946	0.936	0.929	0.926	0.925
4.	1.110	1.081	1.055	1.031	1.010	0.991	0.975	0.962	0.951	0.943	0.937	0.933	0.932
6.	1.111	1.083	1.057	1.034	1.014	0.996	0.981	0.968	0.957	0.949	0.943	0.940	0.939
8.	1.109	1.082	1.058	1.036	1.016	0.999	0.985	0.972	0.962	0.954	0.949	0.945	0.944
10.	1.105	1.080	1.057	1.036	1.018	1.001	0.987	0.976	0.966	0.959	0.954	0.950	0.949
12.	1.099	1.076	1.054	1.035	1.018	1.002	0.989	0.978	0.970	0.963	0.958	0.955	0.954
14.	1.091	1.070	1.050	1.033	1.017	1.003	0.991	0.980	0.972	0.966	0.961	0.959	0.958
16.	1.083	1.063	1.046	1.029	1.015	1.002	0.991	0.982	0.974	0.969	0.964	0.962	0.961
18.	1.073	1.056	1.040	1.026	1.013	1.001	0.991	0.983	0.976	0.971	0.967	0.965	0.964
20.	1.063	1.048	1.034	1.021	1.010	1.000	0.991	0.984	0.978	0.974	0.970	0.968	0.968
22.	1.053	1.040	1.028	1.017	1.007	0.999	0.991	0.985	0.980	0.976	0.973	0.971	0.971
24.	1.043	1.032	1.022	1.013	1.004	0.997	0.991	0.986	0.982	0.978	0.976	0.975	0.974
26.	1.034	1.025	1.016	1.009	1.002	0.996	0.991	0.987	0.984	0.981	0.979	0.978	0.978
28.	1.025	1.017	1.011	1.005	1.000	0.995	0.991	0.988	0.986	0.984	0.983	0.982	0.982
30.	1.016	1.011	1.006	1.001	0.998	0.994	0.992	0.990	0.988	0.987	0.987	0.986	0.986
32.	1.009	1.005	1.001	0.999	0.996	0.994	0.993	0.992	0.991	0.991	0.991	0.991	0.991
34.	1.002	1.000	0.998	0.996	0.995	0.995	0.994	0.994	0.995	0.995	0.995	0.996	0.996
36.	0.996	0.995	0.994	0.994	0.995	0.995	0.996	0.997	0.998	0.999	1.000	1.000	1.001
38.	0.991	0.991	0.992	0.993	0.994	0.996	0.998	1.000	1.002	1.003	1.005	1.005	1.006
40.	0.987	0.988	0.990	0.992	0.994	0.997	1.000	1.003	1.005	1.007	1.009	1.010	1.011
42.	0.984	0.986	0.988	0.991	0.995	0.998	1.002	1.005	1.008	1.011	1.013	1.015	1.015
44.	0.981	0.984	0.987	0.991	0.995	0.999	1.003	1.007	1.011	1.015	1.017	1.019	1.019
46.	0.979	0.983	0.987	0.991	0.995	1.000	1.005	1.009	1.013	1.017	1.020	1.022	1.022
48.	0.978	0.982	0.986	0.991	0.996	1.000	1.005	1.010	1.015	1.019	1.022	1.023	1.024
50.	0.978	0.982	0.986	0.991	0.996	1.001	1.006	1.011	1.015	1.019	1.022	1.024	1.025

ROOM HEIGHT 70.0 DETECTOR HEIGHT 30.0 CEILING STRENGTH 0.2

X/Y	26.	28	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	1.087	1.060	1.035	1.012	0.991	0.973	0.958	0.945	0.934	0.926	0.920	0.916	0.915
2.	1.094	1.067	1.042	1.019	0.999	0.981	0.966	0.953	0.942	0.934	0.928	0.925	0.923
4.	1.098	1.071	1.047	1.025	1.005	0.987	0.972	0.959	0.949	0.941	0.935	0.932	0.931
6.	1.099	1.073	1.050	1.028	1.009	0.992	0.977	0.965	0.955	0.947	0.942	0.938	0.937
8.	1.098	1.073	1.051	1.030	1.012	0.995	0.981	0.970	0.960	0.953	0.947	0.944	0.943
10.	1.095	1.071	1.050	1.031	1.013	0.998	0.984	0.973	0.964	0.957	0.952	0.949	0.948
12.	1.089	1.068	1.048	1.030	1.013	0.999	0.987	0.976	0.968	0.961	0.956	0.953	0.952
14.	1.083	1.063	1.044	1.028	1.013	0.999	0.988	0.978	0.970	0.964	0.960	0.957	0.956
16.	1.075	1.057	1.040	1.025	1.011	0.999	0.988	0.980	0.972	0.967	0.963	0.960	0.960
18.	1.066	1.050	1.035	1.021	1.009	0.998	0.989	0.981	0.974	0.969	0.966	0.963	0.963
20.	1.057	1.043	1.030	1.017	1.007	0.997	0.989	0.982	0.976	0.971	0.968	0.966	0.966
22.	1.048	1.035	1.024	1.013	1.004	0.996	0.988	0.982	0.977	0.974	0.971	0.969	0.969
24.	1.039	1.028	1.018	1.009	1.001	0.994	0.988	0.983	0.979	0.976	0.973	0.972	0.972
26.	1.029	1.020	1.012	1.005	0.999	0.993	0.988	0.984	0.980	0.978	0.976	0.975	0.975
28.	1.020	1.014	1.007	1.001	0.996	0.992	0.988	0.985	0.982	0.980	0.979	0.978	0.978
30.	1.012	1.007	1.002	0.998	0.994	0.991	0.988	0.986	0.984	0.983	0.982	0.982	0.982
32.	1.005	1.001	0.998	0.995	0.992	0.990	0.989	0.988	0.987	0.986	0.986	0.986	0.985
34.	0.999	0.996	0.994	0.992	0.991	0.990	0.990	0.989	0.989	0.989	0.989	0.989	0.989
36.	0.993	0.992	0.991	0.990	0.990	0.990	0.991	0.991	0.992	0.993	0.993	0.993	0.994
38.	0.988	0.988	0.988	0.989	0.990	0.991	0.992	0.993	0.995	0.996	0.997	0.997	0.998
40.	0.984	0.985	0.986	0.988	0.989	0.991	0.993	0.995	0.997	0.999	1.000	1.001	1.001
42.	0.980	0.982	0.984	0.987	0.989	0.992	0.995	0.997	1.000	1.002	1.004	1.005	1.005
44.	0.978	0.980	0.983	0.986	0.989	0.993	0.996	0.999	1.002	1.004	1.006	1.008	1.008
46.	0.976	0.979	0.982	0.986	0.989	0.993	0.997	1.000	1.004	1.006	1.008	1.010	1.010
48.	0.975	0.978	0.982	0.986	0.989	0.993	0.997	1.001	1.005	1.008	1.010	1.011	1.012
50.	0.975	0.978	0.982	0.985	0.989	0.994	0.998	1.001	1.005	1.008	1.010	1.012	1.012

ROOM HEIGHT 70.0 DETECTOR HEIGHT 32.0 CEILING STRENGTH 0.2

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	1.355	1.358	1.354	1.346	1.336	1.327	1.283	1.255	1.226	1.196	1.166	1.136	1.107
2.	1.358	1.361	1.357	1.347	1.337	1.327	1.287	1.260	1.231	1.201	1.171	1.142	1.113
4.	1.354	1.357	1.354	1.344	1.329	1.316	1.286	1.260	1.232	1.203	1.173	1.144	1.116
6.	1.344	1.347	1.344	1.335	1.321	1.303	1.280	1.255	1.228	1.200	1.172	1.144	1.117
8.	1.328	1.332	1.329	1.321	1.308	1.291	1.270	1.246	1.221	1.194	1.167	1.141	1.115
10.	1.307	1.311	1.310	1.303	1.291	1.275	1.256	1.234	1.210	1.185	1.160	1.135	1.111
12.	1.283	1.287	1.286	1.280	1.270	1.256	1.238	1.218	1.196	1.173	1.150	1.127	1.104
14.	1.255	1.260	1.260	1.255	1.246	1.234	1.218	1.200	1.180	1.160	1.138	1.117	1.097
16.	1.226	1.231	1.232	1.228	1.221	1.210	1.196	1.180	1.163	1.144	1.125	1.106	1.087
18.	1.196	1.201	1.203	1.200	1.194	1.185	1.173	1.160	1.144	1.128	1.111	1.094	1.077
20.	1.166	1.171	1.173	1.172	1.167	1.160	1.150	1.138	1.125	1.111	1.096	1.082	1.067
22.	1.136	1.142	1.144	1.144	1.141	1.135	1.127	1.117	1.106	1.094	1.082	1.069	1.056
24.	1.107	1.113	1.116	1.117	1.115	1.111	1.104	1.097	1.087	1.077	1.067	1.056	1.045
26.	1.079	1.086	1.090	1.091	1.090	1.087	1.083	1.077	1.069	1.061	1.053	1.044	1.035
28.	1.053	1.060	1.065	1.067	1.067	1.066	1.062	1.058	1.052	1.046	1.039	1.032	1.025
30.	1.029	1.036	1.041	1.044	1.046	1.045	1.043	1.040	1.036	1.032	1.026	1.021	1.015
32.	1.007	1.015	1.020	1.024	1.026	1.027	1.026	1.024	1.022	1.018	1.015	1.011	1.007
34.	0.988	0.995	1.001	1.006	1.008	1.010	1.010	1.010	1.008	1.007	1.004	1.002	0.999
36.	0.970	0.978	0.984	0.989	0.993	0.995	0.997	0.997	0.997	0.996	0.995	0.993	0.992
38.	0.955	0.963	0.970	0.975	0.979	0.982	0.985	0.986	0.987	0.987	0.987	0.986	0.986
40.	0.943	0.951	0.958	0.963	0.968	0.972	0.974	0.976	0.978	0.979	0.980	0.980	0.981
42.	0.932	0.941	0.948	0.954	0.959	0.963	0.966	0.969	0.971	0.973	0.974	0.976	0.977
44.	0.924	0.933	0.940	0.946	0.951	0.956	0.960	0.963	0.966	0.968	0.970	0.972	0.974
46.	0.919	0.927	0.934	0.941	0.946	0.951	0.955	0.959	0.962	0.964	0.967	0.969	0.972
48.	0.915	0.924	0.931	0.938	0.943	0.948	0.952	0.956	0.959	0.962	0.965	0.968	0.970
50.	0.914	0.923	0.930	0.937	0.942	0.947	0.951	0.955	0.959	0.962	0.964	0.967	0.970

ROOM HEIGHT 70.0 DETECTOR HEIGHT 34.0 CEILING STRENGTH 0.2

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	1.335	1.338	1.335	1.326	1.311	1.292	1.269	1.243	1.216	1.187	1.158	1.129	1.101
2.	1.338	1.341	1.338	1.329	1.315	1.296	1.274	1.248	1.221	1.193	1.164	1.136	1.108
4.	1.335	1.338	1.335	1.327	1.312	1.295	1.273	1.248	1.222	1.194	1.166	1.138	1.111
6.	1.326	1.329	1.327	1.319	1.306	1.289	1.268	1.244	1.219	1.192	1.165	1.138	1.112
8.	1.311	1.315	1.313	1.306	1.294	1.278	1.258	1.236	1.212	1.187	1.161	1.135	1.110
10.	1.292	1.296	1.295	1.289	1.278	1.263	1.245	1.224	1.202	1.178	1.154	1.130	1.106
12.	1.269	1.274	1.273	1.268	1.258	1.245	1.228	1.209	1.189	1.167	1.145	1.122	1.101
14.	1.243	1.248	1.248	1.244	1.236	1.224	1.209	1.192	1.174	1.154	1.133	1.113	1.093
16.	1.216	1.221	1.222	1.219	1.212	1.202	1.189	1.174	1.157	1.139	1.121	1.102	1.084
18.	1.187	1.193	1.194	1.192	1.187	1.178	1.167	1.154	1.139	1.124	1.107	1.091	1.075
20.	1.158	1.164	1.166	1.165	1.161	1.154	1.145	1.133	1.121	1.107	1.093	1.079	1.064
22.	1.129	1.136	1.138	1.138	1.135	1.130	1.122	1.113	1.102	1.091	1.079	1.066	1.054
24.	1.101	1.108	1.111	1.112	1.110	1.106	1.101	1.093	1.084	1.075	1.064	1.054	1.043
26.	1.075	1.081	1.086	1.087	1.087	1.084	1.080	1.074	1.067	1.059	1.050	1.042	1.033
28.	1.050	1.057	1.061	1.064	1.064	1.063	1.060	1.055	1.050	1.044	1.037	1.030	1.023
30.	1.026	1.034	1.039	1.042	1.043	1.043	1.041	1.038	1.034	1.030	1.025	1.019	1.014
32.	1.005	1.013	1.018	1.022	1.024	1.025	1.024	1.023	1.020	1.017	1.013	1.009	1.006
34.	0.986	0.994	1.000	1.004	1.007	1.008	1.009	1.008	1.007	1.005	1.003	1.000	0.998
36.	0.969	0.977	0.983	0.988	0.992	0.994	0.995	0.996	0.996	0.995	0.994	0.992	0.991
38.	0.954	0.962	0.969	0.974	0.978	0.981	0.984	0.985	0.986	0.986	0.986	0.985	0.985
40.	0.942	0.950	0.957	0.963	0.967	0.971	0.974	0.976	0.977	0.978	0.979	0.980	0.980
42.	0.932	0.940	0.947	0.953	0.958	0.962	0.965	0.968	0.970	0.972	0.973	0.975	0.976
44.	0.924	0.932	0.939	0.946	0.951	0.955	0.959	0.962	0.965	0.967	0.969	0.971	0.973
46.	0.918	0.927	0.934	0.940	0.946	0.951	0.955	0.958	0.961	0.964	0.966	0.968	0.971
48.	0.915	0.923	0.931	0.937	0.943	0.948	0.952	0.956	0.959	0.962	0.964	0.967	0.969
50.	0.914	0.922	0.930	0.936	0.942	0.947	0.951	0.955	0.958	0.961	0.964	0.966	0.969

ROOM HEIGHT			70.0		DETECTOR HEIGHT			32.0	CEILING STRENGTH				0.2
X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	1.079	1.053	1.029	1.007	0.988	0.970	0.955	0.943	0.932	0.924	0.919	0.915	0.914
2.	1.086	1.060	1.036	1.015	0.995	0.978	0.963	0.951	0.941	0.933	0.927	0.924	0.923
4.	1.090	1.065	1.041	1.020	1.001	0.984	0.970	0.958	0.948	0.940	0.934	0.931	0.930
6.	1.091	1.067	1.044	1.024	1.006	0.989	0.975	0.963	0.954	0.946	0.941	0.938	0.937
8.	1.090	1.067	1.046	1.026	1.008	0.993	0.979	0.968	0.959	0.951	0.946	0.943	0.942
10.	1.087	1.066	1.045	1.027	1.010	0.995	0.982	0.972	0.963	0.956	0.951	0.948	0.947
12.	1.083	1.062	1.043	1.026	1.010	0.997	0.985	0.974	0.966	0.960	0.955	0.952	0.951
14.	1.077	1.058	1.040	1.024	1.010	0.997	0.986	0.976	0.969	0.963	0.959	0.956	0.955
16.	1.069	1.052	1.036	1.022	1.008	0.997	0.987	0.978	0.971	0.966	0.962	0.959	0.959
18.	1.061	1.046	1.032	1.018	1.007	0.996	0.987	0.979	0.973	0.968	0.964	0.962	0.962
20.	1.053	1.039	1.026	1.015	1.004	0.995	0.987	0.980	0.974	0.970	0.967	0.965	0.964
22.	1.044	1.032	1.021	1.011	1.002	0.993	0.986	0.980	0.976	0.972	0.969	0.968	0.967
24.	1.035	1.025	1.015	1.007	0.999	0.992	0.986	0.981	0.977	0.974	0.972	0.970	0.970
26.	1.026	1.018	1.010	1.003	0.996	0.991	0.986	0.982	0.978	0.976	0.974	0.973	0.973
28.	1.018	1.011	1.006	0.999	0.994	0.989	0.986	0.983	0.980	0.978	0.977	0.976	0.976
30.	1.010	1.005	1.000	0.996	0.992	0.989	0.986	0.983	0.982	0.980	0.979	0.979	0.979
32.	1.003	0.999	0.996	0.993	0.990	0.988	0.986	0.985	0.984	0.983	0.982	0.982	0.982
34.	0.996	0.994	0.992	0.990	0.989	0.987	0.987	0.986	0.986	0.986	0.985	0.985	0.985
36.	0.991	0.989	0.989	0.988	0.987	0.987	0.987	0.988	0.988	0.988	0.989	0.989	0.989
38.	0.986	0.986	0.986	0.986	0.987	0.987	0.988	0.989	0.990	0.991	0.992	0.992	0.992
40.	0.982	0.983	0.983	0.985	0.986	0.988	0.989	0.991	0.992	0.994	0.995	0.995	0.995
42.	0.978	0.980	0.982	0.984	0.986	0.988	0.990	0.992	0.994	0.996	0.997	0.998	0.998
44.	0.976	0.978	0.980	0.983	0.986	0.988	0.991	0.994	0.996	0.998	1.000	1.001	1.001
46.	0.974	0.977	0.979	0.982	0.985	0.989	0.992	0.995	0.997	1.000	1.001	1.002	1.003
48.	0.973	0.976	0.979	0.982	0.985	0.989	0.992	0.995	0.998	1.001	1.002	1.003	1.004
50.	0.973	0.976	0.979	0.982	0.985	0.989	0.992	0.995	0.998	1.001	1.003	1.004	1.004

ROOM HEIGHT			70.0		DETECTOR HEIGHT			34.0	CEILING STRENGTH				0.2
X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	1.075	1.050	1.026	1.005	0.986	0.969	0.954	0.942	0.932	0.924	0.918	0.915	0.914
2.	1.081	1.057	1.034	1.013	0.994	0.977	0.962	0.950	0.940	0.932	0.927	0.923	0.922
4.	1.086	1.061	1.039	1.018	1.000	0.983	0.969	0.957	0.947	0.939	0.934	0.931	0.930
6.	1.087	1.064	1.042	1.022	1.004	0.988	0.974	0.963	0.953	0.946	0.940	0.937	0.936
8.	1.087	1.064	1.043	1.024	1.007	0.992	0.978	0.967	0.958	0.951	0.946	0.943	0.942
10.	1.084	1.063	1.043	1.025	1.008	0.994	0.981	0.971	0.962	0.955	0.951	0.948	0.947
12.	1.080	1.060	1.041	1.024	1.009	0.995	0.984	0.974	0.965	0.959	0.955	0.952	0.951
14.	1.074	1.055	1.038	1.023	1.008	0.996	0.985	0.976	0.968	0.962	0.958	0.956	0.955
16.	1.067	1.050	1.034	1.020	1.007	0.996	0.986	0.977	0.970	0.965	0.961	0.959	0.958
18.	1.059	1.044	1.030	1.017	1.005	0.995	0.986	0.978	0.972	0.967	0.964	0.962	0.961
20.	1.050	1.037	1.025	1.013	1.003	0.994	0.986	0.979	0.973	0.969	0.966	0.964	0.964
22.	1.042	1.030	1.019	1.009	1.000	0.992	0.985	0.980	0.975	0.971	0.968	0.967	0.966
24.	1.033	1.023	1.014	1.006	0.998	0.991	0.985	0.980	0.976	0.973	0.971	0.969	0.969
26.	1.025	1.016	1.009	1.002	0.995	0.990	0.985	0.981	0.977	0.975	0.973	0.972	0.972
28.	1.016	1.010	1.004	0.998	0.993	0.988	0.985	0.981	0.979	0.977	0.975	0.975	0.974
30.	1.009	1.004	0.999	0.994	0.991	0.987	0.984	0.982	0.980	0.979	0.978	0.977	0.977
32.	1.002	0.998	0.994	0.991	0.989	0.986	0.985	0.983	0.982	0.981	0.981	0.980	0.980
34.	0.995	0.993	0.991	0.989	0.987	0.986	0.985	0.984	0.984	0.984	0.984	0.983	0.983
36.	0.990	0.988	0.987	0.986	0.986	0.986	0.986	0.986	0.986	0.986	0.986	0.987	0.987
38.	0.985	0.985	0.984	0.985	0.985	0.986	0.986	0.987	0.988	0.989	0.989	0.990	0.990
40.	0.981	0.981	0.982	0.983	0.984	0.986	0.987	0.988	0.990	0.991	0.992	0.992	0.993
42.	0.977	0.979	0.980	0.982	0.984	0.986	0.988	0.990	0.992	0.993	0.994	0.995	0.995
44.	0.975	0.977	0.979	0.981	0.984	0.986	0.989	0.991	0.993	0.995	0.996	0.997	0.997
46.	0.973	0.975	0.978	0.981	0.984	0.986	0.989	0.992	0.994	0.996	0.998	0.999	0.999
48.	0.972	0.975	0.977	0.980	0.983	0.987	0.990	0.992	0.995	0.997	0.999	1.000	1.000
50.	0.972	0.974	0.977	0.980	0.983	0.987	0.990	0.993	0.995	0.997	0.999	1.000	1.000

TEN SOURCES

Rectangular Array,

70 Units High
100 x 100 Units in Area

"Ceiling Strength 0.3": D_8 = 77%
D_2 = 23%

ROOM HEIGHT 70.0 DETECTOR HEIGHT 0. CEILING STRENGTH 0.3

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	0.405	141.261	35.629	16.073	9.232	6.069	4.353	3.321	2.654	2.198	1.875	1.637	1.458
2.	141.261	70.842	28.593	14.514	8.720	5.859	4.254	3.271	2.627	2.185	1.868	1.636	1.460
4.	35.629	28.593	18.035	11.270	7.484	5.305	3.976	3.119	2.539	2.132	1.836	1.616	1.449
6.	16.073	14.514	11.270	8.267	6.082	4.598	3.592	2.897	2.405	2.048	1.782	1.581	1.426
8.	9.232	8.720	7.484	6.082	4.857	3.897	3.178	2.643	2.244	1.943	1.713	1.535	1.395
10.	6.069	5.859	5.305	4.598	3.897	3.286	2.785	2.387	2.074	1.828	1.634	1.480	1.357
12.	4.353	4.254	3.976	3.592	3.178	2.785	2.440	2.149	1.908	1.711	1.552	1.422	1.316
14.	3.321	3.271	3.119	2.897	2.643	2.387	2.149	1.937	1.754	1.600	1.471	1.363	1.274
16.	2.654	2.627	2.539	2.405	2.244	2.074	1.908	1.754	1.617	1.497	1.394	1.306	1.232
18.	2.198	2.185	2.132	2.048	1.943	1.828	1.711	1.600	1.497	1.405	1.323	1.253	1.193
20.	1.875	1.868	1.836	1.782	1.713	1.634	1.552	1.471	1.394	1.323	1.260	1.204	1.156
22.	1.637	1.636	1.616	1.581	1.535	1.480	1.422	1.363	1.306	1.253	1.204	1.161	1.123
24.	1.458	1.460	1.449	1.426	1.395	1.357	1.316	1.274	1.232	1.193	1.156	1.123	1.095
26.	1.321	1.324	1.319	1.305	1.285	1.259	1.230	1.200	1.170	1.141	1.115	1.091	1.070
28.	1.214	1.219	1.217	1.209	1.197	1.180	1.160	1.139	1.119	1.098	1.080	1.064	1.051
30.	1.129	1.135	1.137	1.133	1.126	1.115	1.103	1.089	1.076	1.063	1.051	1.042	1.035
32.	1.062	1.069	1.072	1.072	1.069	1.063	1.056	1.048	1.040	1.033	1.027	1.024	1.023
34.	1.008	1.016	1.021	1.023	1.023	1.021	1.018	1.015	1.012	1.009	1.008	1.010	1.014
36.	0.965	0.973	0.980	0.984	0.986	0.987	0.988	0.988	0.988	0.990	0.993	0.999	1.009
38.	0.931	0.940	0.947	0.952	0.956	0.960	0.963	0.966	0.970	0.975	0.982	0.992	1.006
40.	0.904	0.913	0.921	0.927	0.933	0.938	0.943	0.949	0.955	0.963	0.973	0.987	1.005
42.	0.883	0.892	0.901	0.908	0.915	0.922	0.928	0.936	0.944	0.954	0.967	0.984	1.005
44.	0.867	0.877	0.886	0.894	0.902	0.909	0.917	0.926	0.936	0.948	0.963	0.982	1.007
46.	0.857	0.867	0.876	0.884	0.893	0.901	0.910	0.919	0.930	0.944	0.960	0.981	1.008
48.	0.850	0.860	0.870	0.879	0.887	0.896	0.905	0.915	0.927	0.941	0.959	0.981	1.009
50.	0.848	0.858	0.868	0.877	0.885	0.894	0.904	0.914	0.926	0.940	0.958	0.981	1.010

ROOM HEIGHT 70.0 DETECTOR HEIGHT 2.0 CEILING STRENGTH 0.3

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	141.264	70.845	28.596	14.517	8.723	5.861	4.256	3.273	2.629	2.186	1.869	1.636	1.460
2.	70.845	47.376	23.907	13.243	8.269	5.667	4.163	3.225	2.603	2.173	1.864	1.635	1.462
4.	28.596	23.907	16.088	10.505	7.158	5.152	3.899	3.079	2.518	2.121	1.832	1.616	1.451
6.	14.517	13.243	10.505	7.864	5.875	4.488	3.533	2.865	2.388	2.039	1.779	1.582	1.429
8.	8.723	8.269	7.158	5.875	4.732	3.825	3.136	2.619	2.231	1.937	1.711	1.536	1.398
10.	5.861	5.667	5.152	4.488	3.825	3.240	2.757	2.371	2.065	1.824	1.634	1.482	1.361
12.	4.256	4.163	3.899	3.533	3.136	2.757	2.422	2.138	1.903	1.710	1.553	1.425	1.321
14.	3.273	3.225	3.079	2.865	2.619	2.371	2.138	1.931	1.752	1.600	1.473	1.367	1.279
16.	2.629	2.603	2.518	2.388	2.231	2.065	1.903	1.752	1.617	1.499	1.397	1.311	1.238
18.	2.186	2.173	2.121	2.039	1.937	1.824	1.710	1.600	1.499	1.408	1.328	1.258	1.198
20.	1.869	1.864	1.832	1.779	1.711	1.634	1.553	1.473	1.397	1.328	1.265	1.210	1.162
22.	1.636	1.635	1.616	1.582	1.536	1.482	1.425	1.367	1.311	1.258	1.210	1.167	1.130
24.	1.460	1.462	1.451	1.429	1.398	1.361	1.321	1.279	1.238	1.198	1.162	1.130	1.101
26.	1.324	1.328	1.323	1.309	1.289	1.264	1.236	1.206	1.176	1.148	1.121	1.098	1.077
28.	1.218	1.224	1.222	1.215	1.202	1.185	1.166	1.146	1.125	1.105	1.087	1.071	1.057
30.	1.135	1.141	1.142	1.139	1.132	1.122	1.109	1.096	1.082	1.069	1.058	1.048	1.042
32.	1.069	1.075	1.078	1.078	1.075	1.070	1.063	1.055	1.047	1.040	1.034	1.031	1.030
34.	1.014	1.022	1.027	1.030	1.030	1.028	1.025	1.022	1.019	1.016	1.015	1.017	1.021
36.	0.972	0.980	0.986	0.990	0.993	0.994	0.994	0.995	0.995	0.997	1.001	1.006	1.016
38.	0.937	0.946	0.954	0.959	0.963	0.967	0.970	0.973	0.977	0.982	0.989	0.999	1.013
40.	0.911	0.920	0.928	0.934	0.940	0.945	0.951	0.956	0.962	0.970	0.980	0.994	1.012
42.	0.890	0.899	0.908	0.915	0.922	0.929	0.936	0.943	0.951	0.961	0.974	0.991	1.012
44.	0.874	0.884	0.893	0.901	0.909	0.917	0.924	0.933	0.943	0.955	0.970	0.989	1.013
46.	0.864	0.874	0.883	0.891	0.900	0.908	0.917	0.926	0.938	0.951	0.967	0.988	1.015
48.	0.857	0.867	0.877	0.886	0.894	0.903	0.912	0.923	0.934	0.948	0.966	0.988	1.016
50.	0.855	0.865	0.875	0.884	0.893	0.902	0.911	0.921	0.933	0.948	0.965	0.987	1.016

ROOM HEIGHT			70.0		DETECTOR HEIGHT			0.		CEILING STRENGTH			0.3
X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	1.321	1.214	1.129	1.062	1.008	0.965	0.931	0.904	0.883	0.867	0.857	0.850	0.848
2.	1.324	1.219	1.135	1.069	1.016	0.973	0.940	0.913	0.892	0.877	0.867	0.860	0.858
4.	1.319	1.217	1.137	1.072	1.021	0.980	0.947	0.921	0.901	0.886	0.876	0.870	0.868
6.	1.305	1.209	1.133	1.072	1.023	0.984	0.952	0.927	0.908	0.894	0.884	0.879	0.877
8.	1.285	1.197	1.126	1.069	1.023	0.986	0.956	0.933	0.915	0.902	0.893	0.887	0.885
10.	1.259	1.180	1.115	1.063	1.021	0.987	0.960	0.938	0.922	0.909	0.901	0.896	0.894
12.	1.230	1.160	1.103	1.056	1.018	0.988	0.963	0.943	0.928	0.917	0.910	0.905	0.904
14.	1.200	1.139	1.089	1.048	1.015	0.988	0.966	0.949	0.936	0.926	0.919	0.915	0.914
16.	1.170	1.119	1.076	1.040	1.012	0.988	0.970	0.955	0.944	0.936	0.930	0.927	0.926
18.	1.141	1.098	1.063	1.033	1.009	0.990	0.975	0.963	0.954	0.948	0.944	0.941	0.940
20.	1.115	1.080	1.051	1.027	1.008	0.993	0.982	0.973	0.967	0.963	0.960	0.959	0.958
22.	1.091	1.064	1.042	1.024	1.010	0.999	0.992	0.987	0.984	0.982	0.981	0.981	0.981
24.	1.070	1.051	1.035	1.023	1.014	1.009	1.006	1.005	1.005	1.007	1.008	1.009	1.010
26.	1.054	1.040	1.031	1.025	1.022	1.022	1.024	1.029	1.034	1.039	1.043	1.046	1.047
28.	1.040	1.034	1.030	1.030	1.034	1.040	1.049	1.060	1.071	1.081	1.090	1.096	1.098
30.	1.031	1.030	1.033	1.040	1.051	1.065	1.082	1.100	1.120	1.138	1.152	1.162	1.165
32.	1.025	1.030	1.040	1.055	1.073	1.097	1.124	1.154	1.184	1.213	1.238	1.254	1.259
34.	1.022	1.034	1.051	1.073	1.102	1.137	1.177	1.223	1.271	1.317	1.357	1.384	1.393
36.	1.022	1.040	1.065	1.097	1.137	1.186	1.245	1.313	1.387	1.462	1.528	1.574	1.591
38.	1.024	1.049	1.082	1.124	1.177	1.245	1.329	1.429	1.545	1.668	1.783	1.867	1.898
40.	1.029	1.060	1.100	1.154	1.223	1.313	1.429	1.577	1.759	1.968	2.180	2.347	2.411
42.	1.034	1.071	1.120	1.184	1.271	1.387	1.545	1.759	2.045	2.412	2.832	3.204	3.359
44.	1.039	1.081	1.138	1.213	1.317	1.462	1.668	1.968	2.412	3.067	3.968	4.942	5.411
46.	1.043	1.090	1.152	1.238	1.357	1.528	1.783	2.180	2.832	3.968	5.997	9.166	11.278
48.	1.046	1.096	1.162	1.254	1.384	1.574	1.867	2.347	3.204	4.942	9.166	21.841	42.968
50.	1.047	1.098	1.165	1.259	1.393	1.591	1.898	2.411	3.359	5.411	11.278	42.968	0.713

ROOM HEIGHT			70.0		DETECTOR HEIGHT			2.0		CEILING STRENGTH			0.3
X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	1.324	1.218	1.135	1.068	1.014	0.972	0.937	0.911	0.890	0.874	0.864	0.857	0.855
2.	1.328	1.224	1.141	1.075	1.022	0.980	0.946	0.920	0.899	0.884	0.874	0.867	0.865
4.	1.323	1.222	1.142	1.078	1.027	0.986	0.954	0.928	0.908	0.893	0.883	0.877	0.875
6.	1.309	1.215	1.139	1.078	1.030	0.990	0.959	0.934	0.915	0.901	0.891	0.886	0.884
8.	1.289	1.202	1.132	1.075	1.030	0.993	0.963	0.940	0.922	0.909	0.900	0.894	0.893
10.	1.264	1.185	1.122	1.070	1.028	0.994	0.967	0.945	0.929	0.917	0.908	0.903	0.902
12.	1.236	1.166	1.109	1.063	1.025	0.994	0.970	0.951	0.936	0.924	0.917	0.912	0.911
14.	1.206	1.146	1.096	1.055	1.022	0.995	0.973	0.956	0.943	0.933	0.926	0.923	0.921
16.	1.176	1.125	1.082	1.047	1.019	0.995	0.977	0.962	0.951	0.943	0.938	0.934	0.933
18.	1.148	1.105	1.069	1.040	1.016	0.997	0.982	0.970	0.961	0.955	0.951	0.948	0.948
20.	1.121	1.087	1.058	1.034	1.015	1.001	0.989	0.980	0.974	0.970	0.967	0.966	0.965
22.	1.099	1.071	1.048	1.031	1.017	1.006	0.999	0.994	0.991	0.989	0.988	0.988	0.987
24.	1.077	1.057	1.042	1.030	1.021	1.016	1.013	1.012	1.012	1.013	1.015	1.016	1.016
26.	1.060	1.047	1.038	1.032	1.029	1.029	1.031	1.035	1.040	1.045	1.049	1.052	1.053
28.	1.047	1.040	1.037	1.037	1.041	1.047	1.055	1.066	1.077	1.087	1.095	1.101	1.103
30.	1.039	1.037	1.040	1.047	1.057	1.071	1.087	1.106	1.125	1.142	1.156	1.166	1.169
32.	1.032	1.037	1.047	1.061	1.079	1.102	1.129	1.158	1.188	1.216	1.240	1.256	1.261
34.	1.029	1.041	1.057	1.079	1.107	1.141	1.181	1.226	1.272	1.317	1.356	1.382	1.391
36.	1.029	1.047	1.071	1.102	1.141	1.190	1.247	1.313	1.385	1.458	1.521	1.566	1.582
38.	1.031	1.055	1.087	1.129	1.181	1.247	1.329	1.426	1.538	1.656	1.765	1.845	1.875
40.	1.035	1.066	1.106	1.158	1.226	1.313	1.426	1.568	1.742	1.940	2.139	2.295	2.354
42.	1.040	1.077	1.125	1.188	1.272	1.385	1.538	1.742	2.013	2.355	2.740	3.074	3.212
44.	1.045	1.087	1.142	1.216	1.317	1.458	1.656	1.940	2.355	2.951	3.744	4.566	4.950
46.	1.049	1.095	1.156	1.240	1.356	1.521	1.765	2.139	2.740	3.744	5.419	7.765	9.173
48.	1.052	1.101	1.166	1.256	1.382	1.566	1.845	2.295	3.074	4.566	7.765	14.807	21.849
50.	1.053	1.103	1.169	1.261	1.391	1.582	1.875	2.354	3.212	4.950	9.173	21.849	42.976

ROOM HEIGHT 70.0 DETECTOR HEIGHT 4.0 CEILING STRENGTH 0.3

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	35.636	28.599	18.042	11.276	7.490	5.310	3.980	3.122	2.542	2.134	1.838	1.617	1.449
2.	28.599	23.911	16.092	10.508	7.161	5.155	3.901	3.081	2.520	2.123	1.833	1.616	1.451
4.	18.042	16.092	12.185	8.739	6.329	4.735	3.674	2.951	2.442	2.075	1.804	1.599	1.441
6.	11.276	10.508	8.739	6.863	5.324	4.180	3.355	2.759	2.323	1.999	1.754	1.566	1.420
8.	7.490	7.161	6.329	5.324	4.386	3.611	3.003	2.536	2.178	1.903	1.690	1.523	1.391
10.	5.310	5.155	4.735	4.180	3.611	3.096	2.662	2.308	2.024	1.797	1.617	1.472	1.356
12.	3.980	3.901	3.674	3.355	3.003	2.662	2.355	2.092	1.872	1.690	1.540	1.417	1.317
14.	3.122	3.081	2.951	2.759	2.536	2.308	2.092	1.899	1.730	1.585	1.464	1.361	1.276
16.	2.542	2.520	2.442	2.323	2.178	2.024	1.872	1.730	1.601	1.489	1.391	1.307	1.236
18.	2.134	2.123	2.075	1.999	1.903	1.797	1.690	1.585	1.489	1.401	1.324	1.256	1.198
20.	1.838	1.833	1.804	1.754	1.690	1.617	1.540	1.464	1.391	1.324	1.263	1.210	1.163
22.	1.617	1.616	1.599	1.566	1.523	1.472	1.417	1.361	1.307	1.256	1.210	1.168	1.132
24.	1.449	1.451	1.441	1.420	1.391	1.356	1.317	1.276	1.236	1.198	1.163	1.132	1.104
26.	1.318	1.322	1.318	1.305	1.286	1.261	1.234	1.206	1.177	1.149	1.123	1.100	1.081
28.	1.216	1.221	1.220	1.213	1.201	1.185	1.167	1.147	1.127	1.107	1.090	1.074	1.061
30.	1.135	1.141	1.143	1.140	1.133	1.123	1.111	1.098	1.085	1.073	1.061	1.052	1.045
32.	1.070	1.077	1.080	1.081	1.078	1.073	1.066	1.058	1.051	1.044	1.038	1.035	1.034
34.	1.017	1.025	1.030	1.033	1.033	1.032	1.029	1.026	1.023	1.021	1.020	1.021	1.025
36.	0.975	0.984	0.990	0.994	0.997	0.998	0.999	0.999	1.000	1.002	1.005	1.011	1.019
38.	0.942	0.951	0.958	0.964	0.968	0.972	0.975	0.978	0.982	0.987	0.994	1.003	1.016
40.	0.915	0.925	0.933	0.939	0.945	0.951	0.956	0.961	0.967	0.975	0.985	0.998	1.015
42.	0.895	0.905	0.913	0.921	0.928	0.934	0.941	0.948	0.956	0.966	0.979	0.995	1.016
44.	0.880	0.890	0.898	0.907	0.914	0.922	0.930	0.938	0.948	0.960	0.975	0.993	1.017
46.	0.869	0.879	0.888	0.897	0.905	0.914	0.922	0.932	0.943	0.956	0.972	0.992	1.018
48.	0.863	0.873	0.882	0.891	0.900	0.909	0.918	0.928	0.940	0.953	0.970	0.992	1.019
50.	0.861	0.871	0.881	0.890	0.898	0.907	0.916	0.927	0.939	0.953	0.970	0.991	1.019

ROOM HEIGHT 70.0 DETECTOR HEIGHT 6.0 CEILING STRENGTH 0.3

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	16.083	14.524	11.280	8.276	6.091	4.606	3.599	2.903	2.410	2.052	1.785	1.583	1.427
2.	14.524	13.250	10.512	7.871	5.881	4.494	3.538	2.869	2.392	2.042	1.781	1.583	1.429
4.	11.280	10.512	8.743	6.867	5.327	4.183	3.357	2.761	2.325	2.001	1.755	1.567	1.420
6.	8.276	7.871	6.867	5.687	4.620	3.759	3.098	2.599	2.221	1.933	1.711	1.538	1.401
8.	6.091	5.881	5.327	4.620	3.919	3.308	2.806	2.407	2.094	1.847	1.652	1.498	1.374
10.	4.606	4.494	4.183	3.759	3.308	2.885	2.517	2.209	1.956	1.751	1.585	1.451	1.341
12.	3.599	3.538	3.357	3.098	2.806	2.517	2.251	2.018	1.819	1.653	1.514	1.400	1.305
14.	2.903	2.869	2.761	2.599	2.407	2.209	2.018	1.843	1.690	1.557	1.443	1.348	1.267
16.	2.410	2.392	2.325	2.221	2.094	1.956	1.819	1.690	1.572	1.467	1.375	1.297	1.229
18.	2.052	2.042	2.001	1.933	1.847	1.751	1.653	1.557	1.467	1.385	1.312	1.249	1.193
20.	1.785	1.781	1.755	1.711	1.652	1.585	1.514	1.443	1.375	1.312	1.255	1.204	1.160
22.	1.583	1.583	1.567	1.538	1.498	1.451	1.400	1.348	1.297	1.249	1.204	1.165	1.130
24.	1.427	1.429	1.420	1.401	1.374	1.341	1.305	1.267	1.229	1.193	1.160	1.130	1.103
26.	1.304	1.308	1.304	1.293	1.275	1.252	1.227	1.200	1.173	1.146	1.122	1.100	1.081
28.	1.207	1.213	1.212	1.206	1.195	1.180	1.162	1.144	1.125	1.106	1.089	1.074	1.062
30.	1.130	1.136	1.138	1.136	1.130	1.120	1.109	1.097	1.085	1.073	1.062	1.053	1.046
32.	1.067	1.075	1.079	1.079	1.077	1.072	1.066	1.059	1.052	1.045	1.040	1.036	1.035
34.	1.017	1.025	1.030	1.033	1.034	1.032	1.030	1.027	1.024	1.022	1.021	1.023	1.026
36.	0.976	0.985	0.992	0.996	0.999	1.000	1.001	1.001	1.002	1.004	1.007	1.012	1.021
38.	0.944	0.953	0.960	0.966	0.971	0.974	0.977	0.981	0.984	0.989	0.996	1.005	1.017
40.	0.918	0.928	0.936	0.943	0.948	0.954	0.959	0.964	0.970	0.978	0.987	1.000	1.016
42.	0.898	0.908	0.917	0.924	0.931	0.938	0.944	0.951	0.960	0.969	0.981	0.996	1.016
44.	0.883	0.893	0.902	0.911	0.918	0.926	0.934	0.942	0.952	0.963	0.977	0.994	1.017
46.	0.873	0.883	0.893	0.901	0.909	0.918	0.926	0.936	0.946	0.959	0.974	0.993	1.018
48.	0.867	0.877	0.887	0.896	0.904	0.913	0.922	0.932	0.943	0.956	0.973	0.993	1.018
50.	0.865	0.875	0.885	0.894	0.903	0.911	0.921	0.931	0.942	0.956	0.972	0.993	1.019

ROOM HEIGHT			70.0		DETECTOR HEIGHT			4.0	CEILING STRENGTH			0.3
X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	1.318	1.216	1.135	1.070	1.017	0.975	0.942	0.915	0.895	0.880	0.869	0.863	0.861
2.	1.322	1.221	1.141	1.077	1.025	0.984	0.951	0.925	0.905	0.890	0.879	0.873	0.871
4.	1.318	1.220	1.143	1.080	1.030	0.990	0.958	0.933	0.913	0.898	0.888	0.882	0.881
6.	1.305	1.213	1.140	1.081	1.033	0.994	0.964	0.939	0.921	0.907	0.897	0.891	0.890
8.	1.285	1.201	1.133	1.078	1.033	0.997	0.968	0.945	0.928	0.914	0.905	0.900	0.898
10.	1.261	1.185	1.123	1.073	1.032	0.998	0.972	0.951	0.934	0.922	0.914	0.909	0.907
12.	1.234	1.167	1.111	1.066	1.029	0.999	0.975	0.956	0.941	0.930	0.922	0.918	0.916
14.	1.206	1.147	1.098	1.058	1.026	0.999	0.978	0.961	0.948	0.938	0.932	0.928	0.927
16.	1.177	1.127	1.085	1.051	1.023	1.000	0.982	0.967	0.956	0.948	0.943	0.940	0.939
18.	1.149	1.107	1.073	1.044	1.021	1.002	0.987	0.975	0.966	0.960	0.956	0.953	0.953
20.	1.123	1.090	1.061	1.038	1.020	1.005	0.994	0.985	0.979	0.975	0.972	0.970	0.970
22.	1.100	1.074	1.052	1.035	1.021	1.011	1.003	0.998	0.995	0.993	0.992	0.992	0.991
24.	1.081	1.061	1.045	1.034	1.025	1.019	1.016	1.015	1.016	1.017	1.018	1.019	1.019
26.	1.064	1.051	1.042	1.035	1.032	1.032	1.034	1.038	1.042	1.047	1.051	1.054	1.055
28.	1.051	1.044	1.041	1.041	1.044	1.049	1.058	1.067	1.077	1.087	1.095	1.100	1.102
30.	1.042	1.041	1.044	1.050	1.060	1.072	1.088	1.105	1.123	1.139	1.153	1.162	1.165
32.	1.035	1.041	1.050	1.063	1.081	1.102	1.127	1.154	1.183	1.209	1.231	1.245	1.251
34.	1.032	1.044	1.060	1.081	1.107	1.139	1.177	1.218	1.261	1.303	1.338	1.362	1.370
36.	1.032	1.049	1.072	1.102	1.139	1.184	1.238	1.299	1.365	1.431	1.488	1.527	1.542
38.	1.034	1.058	1.088	1.127	1.177	1.238	1.313	1.402	1.503	1.607	1.703	1.771	1.797
40.	1.038	1.067	1.105	1.154	1.218	1.299	1.402	1.530	1.683	1.853	2.019	2.146	2.194
42.	1.042	1.077	1.123	1.183	1.261	1.365	1.503	1.683	1.914	2.195	2.496	2.747	2.847
44.	1.047	1.087	1.139	1.209	1.303	1.431	1.607	1.853	2.195	2.656	3.219	3.750	3.982
46.	1.051	1.095	1.153	1.231	1.338	1.488	1.703	2.019	2.496	3.219	4.253	5.426	6.012
48.	1.054	1.100	1.162	1.245	1.362	1.527	1.771	2.146	2.747	3.750	5.426	7.772	9.180
50.	1.055	1.102	1.165	1.251	1.370	1.542	1.797	2.194	2.847	3.982	6.012	9.180	11.293

ROOM HEIGHT			70.0		DETECTOR HEIGHT			6.0	CEILING STRENGTH			0.3
X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	1.304	1.207	1.130	1.067	1.017	0.976	0.944	0.918	0.898	0.883	0.873	0.867	0.865
2.	1.308	1.213	1.136	1.075	1.025	0.985	0.953	0.928	0.908	0.893	0.883	0.877	0.875
4.	1.304	1.212	1.138	1.079	1.030	0.992	0.960	0.936	0.917	0.902	0.893	0.887	0.885
6.	1.293	1.206	1.136	1.079	1.033	0.996	0.966	0.943	0.924	0.911	0.901	0.896	0.894
8.	1.275	1.195	1.130	1.077	1.034	0.999	0.971	0.948	0.931	0.918	0.909	0.904	0.903
10.	1.252	1.180	1.120	1.072	1.032	1.000	0.974	0.954	0.938	0.926	0.918	0.913	0.911
12.	1.227	1.162	1.109	1.066	1.030	1.001	0.977	0.959	0.944	0.934	0.926	0.922	0.921
14.	1.200	1.144	1.097	1.059	1.027	1.001	0.981	0.964	0.951	0.942	0.936	0.932	0.931
16.	1.173	1.125	1.085	1.052	1.024	1.002	0.984	0.970	0.960	0.952	0.946	0.943	0.942
18.	1.146	1.106	1.073	1.045	1.022	1.004	0.989	0.978	0.969	0.963	0.959	0.956	0.956
20.	1.122	1.089	1.062	1.040	1.021	1.007	0.996	0.987	0.981	0.977	0.974	0.973	0.972
22.	1.100	1.074	1.053	1.036	1.023	1.012	1.005	1.000	0.996	0.994	0.993	0.993	0.993
24.	1.081	1.062	1.046	1.035	1.026	1.021	1.017	1.016	1.016	1.017	1.018	1.018	1.019
26.	1.065	1.052	1.043	1.036	1.033	1.032	1.034	1.037	1.041	1.045	1.049	1.051	1.052
28.	1.052	1.045	1.042	1.041	1.044	1.049	1.056	1.064	1.074	1.082	1.089	1.094	1.096
30.	1.043	1.042	1.044	1.049	1.058	1.070	1.084	1.100	1.115	1.130	1.142	1.150	1.153
32.	1.036	1.041	1.049	1.062	1.078	1.097	1.120	1.145	1.170	1.193	1.213	1.225	1.230
34.	1.033	1.044	1.058	1.078	1.102	1.131	1.165	1.202	1.240	1.276	1.307	1.327	1.335
36.	1.032	1.049	1.070	1.097	1.131	1.172	1.220	1.274	1.331	1.387	1.435	1.468	1.480
38.	1.034	1.056	1.084	1.120	1.165	1.220	1.286	1.363	1.448	1.534	1.612	1.667	1.687
40.	1.037	1.064	1.100	1.145	1.202	1.274	1.363	1.471	1.596	1.731	1.858	1.952	1.987
42.	1.041	1.074	1.115	1.170	1.240	1.331	1.448	1.596	1.778	1.988	2.200	2.367	2.432
44.	1.045	1.082	1.130	1.193	1.276	1.387	1.534	1.731	1.988	2.308	2.661	2.964	3.087
46.	1.049	1.089	1.142	1.213	1.307	1.435	1.612	1.858	2.200	2.661	3.225	3.756	3.988
48.	1.051	1.094	1.150	1.225	1.327	1.468	1.667	1.952	2.367	2.964	3.756	4.579	4.962
50.	1.052	1.096	1.153	1.230	1.335	1.480	1.687	1.987	2.432	3.087	3.988	4.962	5.432

ROOM HEIGHT	70.0	DETECTOR HEIGHT	8.0	CEILING STRENGTH	0.3

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	9.247	8.735	7.499	6.096	4.869	3.909	3.188	2.652	2.251	1.949	1.717	1.537	1.395
2.	8.735	8.281	7.170	5.886	4.743	3.834	3.144	2.626	2.237	1.942	1.714	1.538	1.398
4.	7.499	7.170	6.338	5.332	4.394	3.617	3.009	2.541	2.183	1.907	1.692	1.524	1.391
6.	6.096	5.886	5.332	4.624	3.923	3.311	2.809	2.410	2.096	1.849	1.654	1.498	1.374
8.	4.869	4.743	4.394	3.923	3.429	2.972	2.579	2.253	1.988	1.774	1.602	1.463	1.350
10.	3.909	3.834	3.617	3.311	2.972	2.642	2.344	2.087	1.870	1.690	1.542	1.420	1.320
12.	3.188	3.144	3.009	2.809	2.579	2.344	2.122	1.924	1.751	1.603	1.479	1.374	1.287
14.	2.652	2.626	2.541	2.410	2.253	2.087	1.924	1.772	1.636	1.517	1.415	1.327	1.252
16.	2.251	2.237	2.183	2.096	1.988	1.870	1.751	1.636	1.531	1.436	1.353	1.280	1.217
18.	1.949	1.942	1.907	1.849	1.774	1.690	1.603	1.517	1.436	1.362	1.295	1.235	1.184
20.	1.717	1.714	1.692	1.654	1.602	1.542	1.479	1.415	1.353	1.295	1.242	1.194	1.153
22.	1.537	1.538	1.524	1.498	1.463	1.420	1.374	1.327	1.280	1.235	1.194	1.157	1.124
24.	1.395	1.398	1.391	1.374	1.350	1.320	1.287	1.252	1.217	1.184	1.153	1.124	1.099
26.	1.283	1.288	1.285	1.274	1.258	1.238	1.214	1.189	1.164	1.140	1.117	1.096	1.078
28.	1.193	1.199	1.199	1.194	1.184	1.170	1.154	1.137	1.119	1.102	1.086	1.072	1.060
30.	1.121	1.127	1.130	1.128	1.122	1.114	1.104	1.093	1.081	1.070	1.060	1.051	1.045
32.	1.062	1.069	1.073	1.074	1.072	1.068	1.063	1.056	1.050	1.043	1.038	1.035	1.034
34.	1.014	1.022	1.028	1.031	1.031	1.031	1.029	1.026	1.024	1.022	1.021	1.022	1.025
36.	0.975	0.984	0.991	0.995	0.998	1.000	1.001	1.001	1.002	1.004	1.007	1.012	1.019
38.	0.944	0.953	0.961	0.967	0.971	0.975	0.978	0.981	0.985	0.990	0.996	1.005	1.016
40.	0.920	0.929	0.937	0.944	0.950	0.955	0.960	0.965	0.971	0.979	0.988	0.999	1.014
42.	0.900	0.910	0.919	0.926	0.933	0.940	0.946	0.953	0.961	0.970	0.982	0.996	1.014
44.	0.886	0.896	0.905	0.913	0.921	0.928	0.936	0.944	0.953	0.964	0.977	0.994	1.014
46.	0.876	0.886	0.895	0.904	0.912	0.920	0.929	0.938	0.948	0.960	0.974	0.992	1.015
48.	0.870	0.880	0.890	0.899	0.907	0.916	0.925	0.934	0.945	0.958	0.973	0.992	1.015
50.	0.868	0.878	0.888	0.897	0.905	0.914	0.923	0.933	0.944	0.957	0.972	0.992	1.016

ROOM HEIGHT	70.0	DETECTOR HEIGHT	10.0	CEILING STRENGTH	0.3

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	6.090	5.879	5.324	4.616	3.914	3.302	2.799	2.399	2.084	1.836	1.639	1.483	1.358
2.	5.879	5.685	5.169	4.504	3.839	3.253	2.769	2.381	2.074	1.831	1.638	1.485	1.362
4.	5.324	5.169	4.748	4.193	3.622	3.107	2.671	2.316	2.031	1.803	1.620	1.474	1.356
6.	4.616	4.504	4.193	3.768	3.316	2.892	2.524	2.215	1.961	1.755	1.588	1.452	1.342
8.	3.914	3.839	3.622	3.316	2.977	2.646	2.348	2.090	1.873	1.693	1.544	1.421	1.320
10.	3.302	3.253	3.107	2.892	2.646	2.397	2.163	1.955	1.774	1.621	1.492	1.384	1.294
12.	2.799	2.769	2.671	2.524	2.348	2.163	1.984	1.820	1.673	1.546	1.436	1.343	1.264
14.	2.399	2.381	2.316	2.215	2.090	1.955	1.820	1.692	1.575	1.471	1.380	1.301	1.233
16.	2.084	2.074	2.031	1.961	1.873	1.774	1.673	1.575	1.483	1.399	1.324	1.259	1.201
18.	1.836	1.831	1.803	1.755	1.693	1.621	1.546	1.471	1.399	1.333	1.272	1.218	1.171
20.	1.639	1.638	1.620	1.588	1.544	1.492	1.436	1.380	1.324	1.272	1.224	1.181	1.142
22.	1.483	1.485	1.474	1.452	1.421	1.384	1.343	1.301	1.259	1.218	1.181	1.146	1.116
24.	1.358	1.362	1.356	1.342	1.320	1.294	1.264	1.233	1.201	1.171	1.142	1.116	1.093
26.	1.257	1.262	1.260	1.251	1.237	1.219	1.198	1.175	1.152	1.130	1.109	1.089	1.072
28.	1.175	1.181	1.182	1.177	1.169	1.157	1.142	1.127	1.110	1.095	1.080	1.066	1.055
30.	1.108	1.115	1.118	1.117	1.112	1.105	1.096	1.086	1.075	1.065	1.055	1.047	1.041
32.	1.053	1.061	1.065	1.067	1.065	1.062	1.057	1.051	1.045	1.040	1.035	1.032	1.030
34.	1.007	1.017	1.022	1.026	1.027	1.026	1.025	1.023	1.021	1.019	1.018	1.019	1.022
36.	0.972	0.981	0.988	0.992	0.995	0.997	0.999	0.999	1.000	1.002	1.005	1.009	1.016
38.	0.943	0.952	0.959	0.965	0.970	0.974	0.977	0.980	0.984	0.988	0.994	1.002	1.012
40.	0.919	0.929	0.937	0.944	0.950	0.955	0.960	0.965	0.971	0.978	0.986	0.997	1.010
42.	0.901	0.911	0.919	0.927	0.934	0.940	0.947	0.953	0.961	0.970	0.980	0.993	1.010
44.	0.887	0.897	0.906	0.914	0.922	0.929	0.937	0.945	0.953	0.964	0.976	0.991	1.010
46.	0.878	0.888	0.897	0.905	0.914	0.922	0.930	0.939	0.948	0.960	0.973	0.989	1.010
48.	0.872	0.882	0.892	0.900	0.909	0.917	0.926	0.935	0.945	0.957	0.971	0.989	1.010
50.	0.870	0.880	0.890	0.899	0.907	0.916	0.924	0.934	0.944	0.956	0.971	0.989	1.010

ROOM HEIGHT 70.0 DETECTOR HEIGHT 8.0 CEILING STRENGTH 0.3

X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	1.283	1.193	1.121	1.062	1.014	0.975	0.944	0.920	0.900	0.886	0.876	0.870	0.868
2.	1.288	1.199	1.127	1.069	1.022	0.984	0.953	0.929	0.910	0.896	0.886	0.880	0.878
4.	1.285	1.199	1.130	1.073	1.028	0.991	0.961	0.937	0.919	0.905	0.895	0.890	0.888
6.	1.274	1.194	1.128	1.074	1.031	0.995	0.967	0.944	0.926	0.913	0.904	0.899	0.897
8.	1.258	1.184	1.122	1.072	1.031	0.998	0.971	0.950	0.933	0.921	0.912	0.907	0.905
10.	1.238	1.170	1.114	1.068	1.031	1.000	0.975	0.955	0.940	0.928	0.920	0.916	0.914
12.	1.214	1.154	1.104	1.063	1.029	1.001	0.978	0.960	0.946	0.936	0.929	0.925	0.923
14.	1.189	1.137	1.093	1.056	1.026	1.001	0.981	0.965	0.953	0.944	0.938	0.934	0.933
16.	1.164	1.119	1.081	1.050	1.024	1.002	0.985	0.971	0.961	0.953	0.948	0.945	0.944
18.	1.140	1.102	1.070	1.043	1.022	1.004	0.990	0.979	0.970	0.964	0.960	0.958	0.957
20.	1.117	1.086	1.060	1.038	1.021	1.007	0.996	0.988	0.982	0.977	0.974	0.973	0.972
22.	1.096	1.072	1.051	1.035	1.022	1.012	1.005	0.999	0.996	0.994	0.992	0.992	0.992
24.	1.078	1.060	1.045	1.034	1.025	1.019	1.016	1.014	1.014	1.014	1.015	1.015	1.016
26.	1.062	1.050	1.041	1.035	1.031	1.030	1.031	1.034	1.037	1.040	1.043	1.045	1.046
28.	1.050	1.044	1.040	1.039	1.041	1.045	1.051	1.058	1.066	1.074	1.080	1.084	1.085
30.	1.041	1.040	1.042	1.046	1.054	1.064	1.076	1.090	1.104	1.116	1.127	1.134	1.136
32.	1.035	1.039	1.046	1.057	1.071	1.088	1.108	1.130	1.151	1.171	1.188	1.199	1.203
34.	1.031	1.041	1.054	1.071	1.092	1.118	1.147	1.179	1.212	1.242	1.268	1.285	1.291
36.	1.030	1.045	1.064	1.088	1.118	1.154	1.195	1.241	1.288	1.334	1.373	1.399	1.408
38.	1.031	1.051	1.076	1.108	1.147	1.195	1.251	1.315	1.383	1.451	1.511	1.552	1.567
40.	1.034	1.058	1.090	1.130	1.179	1.241	1.315	1.402	1.499	1.600	1.692	1.758	1.782
42.	1.037	1.066	1.104	1.151	1.212	1.288	1.383	1.499	1.635	1.783	1.924	2.030	2.069
44.	1.040	1.074	1.116	1.171	1.242	1.334	1.451	1.600	1.783	1.993	2.205	2.372	2.437
46.	1.043	1.080	1.127	1.188	1.268	1.373	1.511	1.692	1.924	2.205	2.507	2.758	2.858
48.	1.045	1.084	1.134	1.199	1.285	1.399	1.552	1.758	2.030	2.372	2.758	3.092	3.230
50.	1.046	1.085	1.136	1.203	1.291	1.408	1.567	1.782	2.069	2.437	2.858	3.230	3.385

ROOM HEIGHT 70.0 DETECTOR HEIGHT 10.0 CEILING STRENGTH 0.3

X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	1.257	1.175	1.108	1.053	1.009	0.972	0.943	0.919	0.901	0.887	0.878	0.872	0.870
2.	1.262	1.181	1.115	1.061	1.017	0.981	0.952	0.929	0.911	0.897	0.888	0.882	0.880
4.	1.260	1.182	1.118	1.065	1.022	0.988	0.959	0.937	0.919	0.906	0.897	0.892	0.890
6.	1.251	1.177	1.117	1.067	1.026	0.992	0.965	0.944	0.927	0.914	0.905	0.900	0.899
8.	1.237	1.169	1.112	1.065	1.027	0.995	0.970	0.950	0.934	0.922	0.914	0.909	0.907
10.	1.219	1.157	1.105	1.062	1.026	0.997	0.974	0.955	0.940	0.929	0.922	0.917	0.916
12.	1.198	1.142	1.096	1.057	1.025	0.999	0.977	0.960	0.947	0.937	0.930	0.926	0.924
14.	1.175	1.127	1.086	1.051	1.023	0.999	0.980	0.965	0.953	0.945	0.939	0.935	0.934
16.	1.152	1.110	1.075	1.045	1.021	1.000	0.984	0.971	0.961	0.953	0.948	0.945	0.944
18.	1.130	1.095	1.065	1.040	1.019	1.002	0.988	0.978	0.970	0.964	0.960	0.957	0.956
20.	1.109	1.080	1.055	1.035	1.018	1.005	0.994	0.986	0.980	0.976	0.973	0.971	0.971
22.	1.089	1.066	1.047	1.032	1.019	1.009	1.002	0.997	0.993	0.991	0.989	0.989	0.989
24.	1.072	1.055	1.041	1.030	1.022	1.016	1.012	1.010	1.010	1.010	1.010	1.010	1.010
26.	1.058	1.046	1.037	1.031	1.027	1.026	1.026	1.028	1.030	1.033	1.035	1.037	1.038
28.	1.046	1.040	1.036	1.034	1.035	1.039	1.044	1.050	1.056	1.062	1.068	1.071	1.072
30.	1.037	1.036	1.037	1.041	1.047	1.055	1.066	1.077	1.089	1.100	1.108	1.114	1.116
32.	1.031	1.034	1.041	1.050	1.062	1.077	1.093	1.111	1.130	1.146	1.160	1.169	1.172
34.	1.027	1.035	1.047	1.062	1.080	1.102	1.127	1.153	1.180	1.205	1.225	1.239	1.244
36.	1.026	1.039	1.055	1.077	1.102	1.132	1.167	1.204	1.242	1.278	1.309	1.329	1.336
38.	1.026	1.044	1.066	1.093	1.127	1.167	1.213	1.264	1.317	1.369	1.413	1.443	1.454
40.	1.028	1.050	1.077	1.111	1.153	1.204	1.264	1.331	1.405	1.478	1.542	1.587	1.603
42.	1.030	1.056	1.089	1.130	1.180	1.242	1.317	1.405	1.503	1.604	1.696	1.762	1.786
44.	1.033	1.062	1.100	1.146	1.205	1.278	1.369	1.478	1.604	1.739	1.867	1.961	1.996
46.	1.035	1.068	1.108	1.160	1.225	1.309	1.413	1.542	1.696	1.867	2.034	2.161	2.209
48.	1.037	1.071	1.114	1.169	1.239	1.329	1.443	1.587	1.762	1.961	2.161	2.316	2.376
50.	1.038	1.072	1.116	1.172	1.244	1.336	1.454	1.603	1.786	1.996	2.209	2.376	2.441

ROOM HEIGHT			70.0		DETECTOR HEIGHT			12.0	CEILING STRENGTH				0.3
X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	4.381	4.281	4.001	3.616	3.200	2.806	2.458	2.164	1.921	1.722	1.559	1.426	1.317
2.	4.281	4.187	3.922	3.554	3.155	2.775	2.438	2.152	1.915	1.719	1.559	1.428	1.321
4.	4.001	3.922	3.694	3.373	3.020	2.677	2.369	2.104	1.882	1.697	1.545	1.420	1.317
6.	3.616	3.554	3.373	3.113	2.820	2.529	2.262	2.027	1.827	1.659	1.518	1.402	1.305
8.	3.200	3.155	3.020	2.820	2.589	2.353	2.130	1.931	1.757	1.608	1.482	1.376	1.287
10.	2.806	2.775	2.677	2.529	2.353	2.168	1.989	1.824	1.676	1.548	1.438	1.344	1.264
12.	2.458	2.438	2.369	2.262	2.130	1.989	1.848	1.714	1.593	1.485	1.390	1.309	1.238
14.	2.164	2.152	2.104	2.027	1.931	1.824	1.714	1.609	1.510	1.421	1.341	1.271	1.211
16.	1.921	1.915	1.882	1.827	1.757	1.676	1.593	1.510	1.431	1.358	1.293	1.234	1.183
18.	1.722	1.719	1.697	1.659	1.608	1.548	1.485	1.421	1.358	1.300	1.246	1.198	1.155
20.	1.559	1.559	1.545	1.518	1.482	1.438	1.390	1.341	1.293	1.246	1.203	1.164	1.129
22.	1.426	1.428	1.420	1.402	1.376	1.344	1.309	1.271	1.234	1.198	1.164	1.133	1.105
24.	1.317	1.321	1.317	1.305	1.287	1.264	1.238	1.211	1.183	1.155	1.129	1.105	1.084
26.	1.227	1.233	1.232	1.225	1.213	1.197	1.179	1.159	1.138	1.118	1.098	1.081	1.065
28.	1.154	1.160	1.161	1.158	1.151	1.141	1.128	1.114	1.100	1.085	1.072	1.059	1.049
30.	1.093	1.100	1.103	1.103	1.099	1.093	1.085	1.076	1.067	1.058	1.049	1.042	1.036
32.	1.043	1.051	1.055	1.057	1.056	1.054	1.050	1.045	1.039	1.034	1.030	1.027	1.025
34.	1.001	1.010	1.015	1.019	1.021	1.021	1.020	1.018	1.016	1.015	1.014	1.015	1.017
36.	0.967	0.976	0.983	0.988	0.991	0.994	0.995	0.996	0.997	0.999	1.001	1.005	1.011
38.	0.940	0.949	0.956	0.962	0.967	0.971	0.975	0.978	0.981	0.986	0.991	0.998	1.007
40.	0.918	0.927	0.935	0.942	0.948	0.953	0.959	0.964	0.969	0.975	0.983	0.993	1.005
42.	0.900	0.910	0.919	0.926	0.933	0.940	0.946	0.952	0.959	0.968	0.977	0.989	1.004
44.	0.887	0.897	0.906	0.914	0.922	0.929	0.936	0.944	0.952	0.962	0.973	0.987	1.003
46.	0.878	0.888	0.897	0.906	0.914	0.922	0.930	0.938	0.947	0.958	0.970	0.985	1.003
48.	0.873	0.883	0.892	0.901	0.909	0.918	0.926	0.935	0.944	0.956	0.969	0.984	1.003
50.	0.871	0.881	0.891	0.899	0.908	0.916	0.925	0.934	0.943	0.955	0.968	0.984	1.003

ROOM HEIGHT			70.0		DETECTOR HEIGHT			14.0	CEILING STRENGTH				0.3
X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	3.356	3.305	3.151	2.927	2.671	2.413	2.172	1.957	1.771	1.613	1.480	1.368	1.274
2.	3.305	3.256	3.108	2.893	2.645	2.394	2.159	1.950	1.767	1.612	1.481	1.371	1.279
4.	3.151	3.108	2.977	2.784	2.559	2.329	2.111	1.915	1.743	1.596	1.471	1.365	1.277
6.	2.927	2.893	2.784	2.620	2.427	2.227	2.034	1.857	1.701	1.566	1.449	1.351	1.267
8.	2.671	2.645	2.559	2.427	2.269	2.101	1.937	1.784	1.646	1.525	1.420	1.329	1.252
10.	2.413	2.394	2.329	2.227	2.101	1.965	1.829	1.700	1.582	1.476	1.383	1.303	1.233
12.	2.172	2.159	2.111	2.034	1.937	1.829	1.719	1.613	1.514	1.423	1.343	1.272	1.211
14.	1.957	1.950	1.915	1.857	1.784	1.700	1.613	1.527	1.445	1.369	1.301	1.240	1.187
16.	1.771	1.767	1.743	1.701	1.646	1.582	1.514	1.445	1.379	1.316	1.259	1.208	1.162
18.	1.613	1.612	1.596	1.566	1.525	1.476	1.423	1.369	1.316	1.266	1.219	1.176	1.138
20.	1.480	1.481	1.471	1.449	1.420	1.383	1.343	1.301	1.259	1.219	1.181	1.146	1.115
22.	1.368	1.371	1.365	1.351	1.329	1.303	1.272	1.240	1.208	1.176	1.146	1.118	1.093
24.	1.274	1.279	1.277	1.267	1.252	1.233	1.211	1.187	1.162	1.138	1.115	1.093	1.073
26.	1.196	1.202	1.202	1.197	1.187	1.174	1.158	1.140	1.122	1.104	1.087	1.070	1.056
28.	1.131	1.138	1.140	1.137	1.132	1.123	1.112	1.100	1.087	1.074	1.062	1.051	1.041
30.	1.076	1.084	1.087	1.088	1.085	1.080	1.073	1.066	1.057	1.049	1.041	1.034	1.029
32.	1.031	1.039	1.044	1.046	1.046	1.044	1.041	1.036	1.032	1.027	1.023	1.020	1.019
34.	0.993	1.001	1.007	1.011	1.013	1.014	1.013	1.012	1.010	1.009	1.009	1.009	1.011
36.	0.962	0.970	0.977	0.982	0.986	0.988	0.990	0.991	0.992	0.994	0.996	1.000	1.005
38.	0.936	0.945	0.952	0.959	0.964	0.968	0.971	0.974	0.978	0.982	0.987	0.993	1.001
40.	0.915	0.924	0.933	0.940	0.946	0.951	0.956	0.961	0.966	0.972	0.979	0.988	0.998
42.	0.899	0.908	0.917	0.925	0.931	0.938	0.944	0.950	0.957	0.965	0.973	0.984	0.997
44.	0.887	0.896	0.905	0.913	0.921	0.928	0.935	0.942	0.950	0.959	0.969	0.981	0.996
46.	0.879	0.888	0.897	0.905	0.913	0.921	0.929	0.937	0.945	0.955	0.966	0.980	0.996
48.	0.873	0.883	0.892	0.901	0.909	0.917	0.925	0.933	0.943	0.953	0.965	0.979	0.996
50.	0.871	0.881	0.891	0.899	0.908	0.916	0.924	0.932	0.942	0.952	0.964	0.979	0.996

ROOF HEIGHT 70.0 DETECTOR HEIGHT 12.0 CEILING STRENGTH 0.3

X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	1.227	1.154	1.093	1.043	1.001	0.967	0.940	0.918	0.900	0.887	0.878	0.873	0.871
2.	1.233	1.160	1.100	1.051	1.010	0.976	0.949	0.927	0.910	0.897	0.888	0.883	0.881
4.	1.232	1.161	1.103	1.055	1.015	0.983	0.956	0.935	0.919	0.906	0.897	0.892	0.891
6.	1.225	1.158	1.103	1.057	1.019	0.988	0.962	0.942	0.926	0.914	0.906	0.901	0.899
8.	1.213	1.151	1.099	1.056	1.021	0.991	0.967	0.948	0.933	0.922	0.914	0.909	0.908
10.	1.197	1.141	1.093	1.054	1.021	0.994	0.971	0.953	0.940	0.929	0.922	0.918	0.916
12.	1.179	1.128	1.085	1.050	1.020	0.995	0.975	0.959	0.946	0.936	0.930	0.926	0.925
14.	1.159	1.114	1.076	1.045	1.018	0.996	0.978	0.964	0.952	0.944	0.938	0.935	0.934
16.	1.138	1.100	1.067	1.039	1.016	0.997	0.981	0.969	0.959	0.952	0.947	0.944	0.943
18.	1.118	1.085	1.058	1.034	1.015	0.999	0.986	0.975	0.968	0.962	0.958	0.956	0.955
20.	1.098	1.072	1.049	1.030	1.014	1.001	0.991	0.983	0.977	0.973	0.970	0.969	0.968
22.	1.081	1.059	1.042	1.027	1.015	1.005	0.998	0.993	0.989	0.987	0.985	0.984	0.984
24.	1.065	1.049	1.036	1.025	1.017	1.011	1.007	1.005	1.004	1.003	1.003	1.003	1.003
26.	1.051	1.040	1.032	1.026	1.022	1.020	1.019	1.020	1.022	1.024	1.026	1.027	1.027
28.	1.040	1.034	1.030	1.028	1.029	1.031	1.035	1.039	1.044	1.049	1.054	1.056	1.057
30.	1.032	1.030	1.031	1.033	1.038	1.045	1.054	1.063	1.072	1.081	1.088	1.093	1.094
32.	1.026	1.028	1.033	1.041	1.051	1.063	1.077	1.092	1.106	1.120	1.131	1.138	1.140
34.	1.022	1.029	1.038	1.051	1.066	1.084	1.105	1.126	1.148	1.167	1.183	1.194	1.198
36.	1.020	1.031	1.045	1.063	1.084	1.109	1.137	1.167	1.197	1.225	1.248	1.263	1.268
38.	1.019	1.035	1.054	1.077	1.105	1.137	1.174	1.214	1.255	1.293	1.325	1.347	1.355
40.	1.020	1.039	1.063	1.092	1.126	1.167	1.214	1.266	1.320	1.372	1.416	1.447	1.457
42.	1.022	1.044	1.072	1.106	1.148	1.197	1.255	1.320	1.389	1.458	1.518	1.560	1.575
44.	1.024	1.049	1.081	1.120	1.167	1.225	1.293	1.372	1.458	1.546	1.624	1.679	1.699
46.	1.026	1.054	1.088	1.131	1.183	1.248	1.325	1.416	1.518	1.624	1.720	1.790	1.815
48.	1.027	1.056	1.093	1.138	1.194	1.263	1.347	1.447	1.560	1.679	1.790	1.870	1.900
50.	1.027	1.057	1.094	1.140	1.198	1.268	1.355	1.457	1.575	1.699	1.815	1.900	1.932

ROOF HEIGHT 70.0 DETECTOR HEIGHT 14.0 CEILING STRENGTH 0.3

X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	1.196	1.131	1.076	1.031	0.993	0.962	0.936	0.915	0.899	0.887	0.878	0.873	0.871
2.	1.202	1.138	1.084	1.039	1.001	0.970	0.945	0.924	0.908	0.896	0.888	0.883	0.881
4.	1.202	1.140	1.087	1.044	1.007	0.977	0.952	0.933	0.917	0.905	0.897	0.892	0.891
6.	1.197	1.137	1.088	1.046	1.011	0.982	0.959	0.940	0.925	0.913	0.905	0.901	0.899
8.	1.187	1.132	1.085	1.046	1.012	0.986	0.964	0.946	0.931	0.921	0.913	0.909	0.908
10.	1.174	1.123	1.080	1.044	1.014	0.988	0.968	0.951	0.938	0.928	0.921	0.917	0.916
12.	1.158	1.112	1.073	1.041	1.013	0.990	0.971	0.956	0.944	0.935	0.929	0.925	0.924
14.	1.140	1.100	1.066	1.036	1.012	0.991	0.974	0.961	0.950	0.942	0.937	0.933	0.932
16.	1.122	1.087	1.057	1.032	1.010	0.992	0.978	0.966	0.957	0.950	0.945	0.943	0.942
18.	1.104	1.074	1.049	1.027	1.009	0.994	0.982	0.972	0.965	0.959	0.955	0.953	0.952
20.	1.087	1.062	1.041	1.023	1.009	0.996	0.987	0.979	0.973	0.969	0.966	0.965	0.964
22.	1.070	1.051	1.034	1.020	1.009	1.000	0.993	0.988	0.984	0.981	0.980	0.979	0.979
24.	1.056	1.041	1.029	1.019	1.011	1.005	1.001	0.998	0.997	0.996	0.996	0.996	0.996
26.	1.044	1.033	1.025	1.019	1.015	1.012	1.012	1.012	1.013	1.014	1.015	1.016	1.016
28.	1.033	1.027	1.023	1.021	1.021	1.022	1.025	1.028	1.032	1.036	1.039	1.041	1.042
30.	1.025	1.023	1.023	1.025	1.029	1.034	1.041	1.048	1.055	1.062	1.068	1.071	1.072
32.	1.019	1.021	1.025	1.031	1.039	1.049	1.060	1.072	1.083	1.094	1.102	1.108	1.110
34.	1.015	1.021	1.029	1.039	1.052	1.066	1.083	1.100	1.117	1.132	1.144	1.152	1.155
36.	1.012	1.022	1.034	1.049	1.066	1.086	1.109	1.132	1.155	1.176	1.193	1.204	1.208
38.	1.012	1.025	1.041	1.060	1.083	1.109	1.138	1.168	1.199	1.227	1.250	1.266	1.271
40.	1.012	1.028	1.048	1.072	1.100	1.132	1.168	1.207	1.246	1.284	1.314	1.335	1.342
42.	1.013	1.032	1.055	1.083	1.117	1.155	1.199	1.246	1.296	1.343	1.383	1.409	1.419
44.	1.014	1.036	1.062	1.094	1.132	1.176	1.227	1.284	1.343	1.400	1.450	1.484	1.496
46.	1.015	1.039	1.068	1.102	1.144	1.193	1.250	1.314	1.383	1.450	1.508	1.548	1.563
48.	1.016	1.041	1.071	1.108	1.152	1.204	1.266	1.335	1.409	1.484	1.548	1.594	1.610
50.	1.016	1.042	1.072	1.110	1.155	1.208	1.271	1.342	1.419	1.496	1.563	1.610	1.627

ROOM HEIGHT	70.0	DETECTOR HEIGHT	16.0	CEILING STRENGTH	0.3

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	2.697	2.669	2.579	2.443	2.279	2.106	1.937	1.779	1.638	1.513	1.405	1.312	1.233
2.	2.669	2.643	2.556	2.423	2.264	2.095	1.930	1.776	1.637	1.514	1.408	1.316	1.238
4.	2.579	2.556	2.477	2.355	2.209	2.052	1.896	1.751	1.619	1.502	1.400	1.312	1.237
6.	2.443	2.423	2.355	2.250	2.121	1.981	1.841	1.709	1.587	1.479	1.384	1.301	1.230
8.	2.279	2.264	2.209	2.121	2.011	1.891	1.769	1.653	1.544	1.447	1.360	1.284	1.218
10.	2.106	2.095	2.052	1.981	1.891	1.791	1.688	1.588	1.494	1.408	1.330	1.262	1.202
12.	1.937	1.930	1.896	1.841	1.769	1.688	1.603	1.519	1.439	1.364	1.297	1.236	1.183
14.	1.779	1.776	1.751	1.709	1.653	1.588	1.519	1.450	1.383	1.320	1.262	1.209	1.162
16.	1.638	1.637	1.619	1.587	1.544	1.494	1.439	1.383	1.327	1.275	1.226	1.181	1.141
18.	1.513	1.514	1.502	1.479	1.447	1.408	1.364	1.320	1.275	1.232	1.191	1.154	1.120
20.	1.405	1.408	1.400	1.384	1.360	1.330	1.297	1.262	1.226	1.191	1.158	1.127	1.099
22.	1.312	1.316	1.312	1.301	1.284	1.262	1.236	1.209	1.181	1.154	1.127	1.102	1.080
24.	1.233	1.238	1.237	1.230	1.218	1.202	1.183	1.162	1.141	1.120	1.099	1.080	1.062
26.	1.165	1.171	1.172	1.168	1.161	1.150	1.136	1.121	1.105	1.089	1.074	1.059	1.046
28.	1.108	1.114	1.117	1.116	1.112	1.105	1.096	1.085	1.074	1.063	1.052	1.042	1.033
30.	1.059	1.066	1.071	1.072	1.070	1.066	1.061	1.054	1.047	1.039	1.033	1.026	1.021
32.	1.018	1.026	1.031	1.034	1.035	1.033	1.031	1.027	1.023	1.020	1.016	1.013	1.012
34.	0.984	0.992	0.998	1.002	1.005	1.006	1.006	1.005	1.004	1.003	1.002	1.003	1.004
36.	0.955	0.963	0.970	0.976	0.980	0.982	0.984	0.986	0.987	0.989	0.991	0.994	0.998
38.	0.931	0.940	0.948	0.954	0.959	0.963	0.967	0.970	0.973	0.977	0.982	0.987	0.994
40.	0.912	0.921	0.929	0.936	0.942	0.948	0.953	0.957	0.962	0.968	0.974	0.982	0.991
42.	0.897	0.906	0.915	0.922	0.929	0.935	0.941	0.947	0.954	0.961	0.969	0.978	0.989
44.	0.885	0.895	0.904	0.912	0.919	0.926	0.933	0.940	0.947	0.955	0.965	0.975	0.988
46.	0.877	0.887	0.896	0.904	0.912	0.920	0.927	0.935	0.943	0.952	0.962	0.974	0.988
48.	0.872	0.882	0.891	0.900	0.908	0.916	0.923	0.931	0.940	0.949	0.960	0.973	0.987
50.	0.871	0.881	0.890	0.898	0.907	0.914	0.922	0.930	0.939	0.949	0.960	0.972	0.987

ROOM HEIGHT	70.0	DETECTOR HEIGHT	18.0	CEILING STRENGTH	0.3

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	2.251	2.236	2.181	2.094	1.986	1.867	1.747	1.631	1.522	1.424	1.337	1.260	1.193
2.	2.236	2.222	2.168	2.084	1.978	1.862	1.744	1.630	1.523	1.427	1.341	1.265	1.199
4.	2.181	2.168	2.119	2.040	1.942	1.833	1.721	1.613	1.511	1.419	1.336	1.263	1.199
6.	2.094	2.084	2.040	1.970	1.882	1.783	1.681	1.581	1.487	1.401	1.323	1.254	1.194
8.	1.986	1.978	1.942	1.882	1.805	1.719	1.629	1.539	1.454	1.376	1.305	1.241	1.184
10.	1.867	1.862	1.833	1.783	1.719	1.645	1.567	1.490	1.415	1.345	1.281	1.223	1.171
12.	1.747	1.744	1.721	1.681	1.629	1.567	1.502	1.436	1.371	1.310	1.253	1.202	1.156
14.	1.631	1.630	1.613	1.581	1.539	1.490	1.436	1.380	1.325	1.273	1.224	1.179	1.138
16.	1.522	1.523	1.511	1.487	1.454	1.415	1.371	1.325	1.280	1.235	1.194	1.155	1.120
18.	1.424	1.427	1.419	1.401	1.376	1.345	1.310	1.273	1.235	1.199	1.164	1.131	1.101
20.	1.337	1.341	1.336	1.323	1.305	1.281	1.253	1.224	1.194	1.164	1.135	1.108	1.083
22.	1.260	1.265	1.263	1.254	1.241	1.223	1.202	1.179	1.155	1.131	1.108	1.086	1.066
24.	1.193	1.199	1.199	1.194	1.184	1.171	1.156	1.138	1.120	1.101	1.083	1.066	1.051
26.	1.135	1.141	1.143	1.141	1.135	1.126	1.115	1.102	1.088	1.074	1.061	1.048	1.036
28.	1.085	1.092	1.095	1.095	1.092	1.086	1.079	1.070	1.060	1.051	1.041	1.032	1.024
30.	1.042	1.049	1.054	1.055	1.055	1.052	1.048	1.042	1.036	1.030	1.023	1.018	1.013
32.	1.005	1.013	1.018	1.022	1.023	1.022	1.021	1.018	1.015	1.011	1.008	1.006	1.004
34.	0.974	0.982	0.988	0.993	0.996	0.997	0.998	0.997	0.997	0.996	0.995	0.996	0.997
36.	0.948	0.956	0.963	0.969	0.973	0.976	0.978	0.980	0.981	0.983	0.985	0.988	0.991
38.	0.926	0.935	0.942	0.949	0.954	0.958	0.962	0.965	0.968	0.972	0.976	0.981	0.987
40.	0.908	0.917	0.925	0.932	0.938	0.944	0.949	0.953	0.958	0.963	0.969	0.976	0.984
42.	0.894	0.903	0.912	0.919	0.926	0.932	0.938	0.944	0.950	0.956	0.964	0.972	0.982
44.	0.883	0.893	0.902	0.909	0.917	0.924	0.930	0.937	0.944	0.951	0.960	0.969	0.980
46.	0.876	0.885	0.894	0.903	0.910	0.918	0.925	0.932	0.940	0.948	0.957	0.967	0.980
48.	0.871	0.881	0.890	0.898	0.906	0.914	0.921	0.929	0.937	0.946	0.955	0.966	0.979
50.	0.870	0.880	0.889	0.897	0.905	0.913	0.920	0.928	0.936	0.945	0.955	0.966	0.979

ROOM HEIGHT 70.0 DETECTOR HEIGHT 16.0 CEILING STRENGTH 0.3

X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	1.165	1.108	1.059	1.018	0.984	0.955	0.931	0.912	0.897	0.885	0.877	0.872	0.871
2.	1.171	1.114	1.066	1.026	0.992	0.963	0.940	0.921	0.906	0.895	0.887	0.882	0.881
4.	1.172	1.117	1.071	1.031	0.998	0.970	0.948	0.929	0.915	0.904	0.896	0.891	0.890
6.	1.168	1.116	1.072	1.034	1.002	0.976	0.954	0.936	0.922	0.912	0.904	0.900	0.898
8.	1.161	1.112	1.070	1.035	1.005	0.980	0.959	0.942	0.929	0.919	0.912	0.908	0.907
10.	1.150	1.105	1.066	1.033	1.006	0.982	0.963	0.948	0.935	0.926	0.920	0.916	0.914
12.	1.136	1.096	1.061	1.031	1.006	0.984	0.967	0.953	0.941	0.933	0.927	0.923	0.922
14.	1.121	1.085	1.054	1.027	1.005	0.986	0.970	0.957	0.947	0.940	0.935	0.931	0.930
16.	1.105	1.074	1.047	1.023	1.004	0.987	0.973	0.962	0.954	0.947	0.943	0.940	0.939
18.	1.089	1.063	1.039	1.020	1.003	0.989	0.977	0.968	0.961	0.955	0.952	0.949	0.949
20.	1.074	1.052	1.033	1.016	1.002	0.991	0.982	0.974	0.969	0.965	0.962	0.960	0.960
22.	1.059	1.042	1.026	1.013	1.003	0.994	0.987	0.982	0.978	0.975	0.974	0.973	0.972
24.	1.046	1.033	1.021	1.012	1.004	0.998	0.994	0.991	0.989	0.988	0.988	0.987	0.987
26.	1.035	1.025	1.017	1.011	1.007	1.004	1.003	1.003	1.003	1.004	1.004	1.005	1.005
28.	1.025	1.019	1.015	1.013	1.012	1.012	1.014	1.016	1.019	1.022	1.024	1.026	1.026
30.	1.017	1.015	1.015	1.016	1.018	1.022	1.027	1.033	1.039	1.044	1.048	1.051	1.052
32.	1.011	1.013	1.016	1.020	1.027	1.034	1.043	1.052	1.061	1.069	1.076	1.080	1.082
34.	1.007	1.012	1.018	1.027	1.037	1.049	1.061	1.075	1.088	1.099	1.109	1.115	1.117
36.	1.004	1.012	1.022	1.034	1.049	1.065	1.082	1.100	1.118	1.133	1.146	1.154	1.157
38.	1.003	1.014	1.027	1.043	1.061	1.082	1.104	1.128	1.151	1.171	1.188	1.199	1.203
40.	1.003	1.016	1.033	1.052	1.075	1.100	1.128	1.157	1.185	1.212	1.233	1.247	1.252
42.	1.003	1.019	1.039	1.061	1.088	1.118	1.151	1.185	1.220	1.253	1.280	1.297	1.304
44.	1.004	1.022	1.044	1.069	1.099	1.133	1.171	1.212	1.253	1.292	1.324	1.345	1.353
46.	1.004	1.024	1.048	1.076	1.109	1.146	1.188	1.233	1.280	1.324	1.360	1.385	1.394
48.	1.005	1.026	1.051	1.080	1.115	1.154	1.199	1.247	1.297	1.345	1.385	1.412	1.422
50.	1.005	1.026	1.052	1.082	1.117	1.157	1.203	1.252	1.304	1.353	1.394	1.422	1.432

ROOM HEIGHT 70.0 DETECTOR HEIGHT 18.0 CEILING STRENGTH 0.3

X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	1.135	1.085	1.042	1.005	0.974	0.948	0.926	0.908	0.894	0.883	0.876	0.871	0.870
2.	1.141	1.092	1.049	1.013	0.982	0.956	0.935	0.917	0.903	0.893	0.885	0.881	0.880
4.	1.143	1.095	1.054	1.018	0.988	0.963	0.942	0.925	0.912	0.902	0.894	0.890	0.889
6.	1.141	1.095	1.055	1.022	0.993	0.969	0.949	0.932	0.919	0.909	0.903	0.898	0.897
8.	1.135	1.092	1.055	1.023	0.996	0.973	0.954	0.938	0.926	0.917	0.910	0.906	0.905
10.	1.126	1.086	1.052	1.022	0.997	0.976	0.958	0.944	0.932	0.924	0.918	0.914	0.913
12.	1.115	1.079	1.048	1.021	0.998	0.978	0.962	0.949	0.938	0.930	0.925	0.921	0.920
14.	1.102	1.070	1.042	1.018	0.997	0.980	0.965	0.953	0.944	0.937	0.932	0.929	0.928
16.	1.088	1.060	1.036	1.015	0.997	0.981	0.968	0.958	0.950	0.944	0.940	0.937	0.936
18.	1.074	1.051	1.030	1.011	0.996	0.983	0.972	0.963	0.956	0.951	0.948	0.946	0.945
20.	1.061	1.041	1.023	1.008	0.995	0.985	0.976	0.969	0.964	0.960	0.957	0.955	0.955
22.	1.048	1.032	1.018	1.006	0.996	0.988	0.981	0.976	0.972	0.969	0.967	0.966	0.966
24.	1.036	1.024	1.013	1.004	0.997	0.991	0.987	0.984	0.982	0.980	0.980	0.979	0.979
26.	1.026	1.017	1.010	1.004	0.999	0.996	0.994	0.994	0.993	0.993	0.994	0.994	0.994
28.	1.017	1.011	1.007	1.004	1.003	1.003	1.004	1.005	1.007	1.009	1.010	1.011	1.012
30.	1.010	1.007	1.006	1.007	1.008	1.011	1.014	1.019	1.023	1.027	1.030	1.032	1.032
32.	1.004	1.004	1.007	1.010	1.015	1.021	1.027	1.034	1.041	1.047	1.052	1.055	1.056
34.	0.999	1.003	1.008	1.015	1.023	1.032	1.042	1.052	1.062	1.071	1.078	1.082	1.084
36.	0.996	1.003	1.011	1.021	1.032	1.044	1.058	1.072	1.085	1.097	1.106	1.112	1.114
38.	0.994	1.004	1.014	1.027	1.042	1.058	1.075	1.093	1.110	1.125	1.137	1.145	1.148
40.	0.994	1.005	1.019	1.034	1.052	1.072	1.093	1.114	1.135	1.154	1.169	1.179	1.183
42.	0.993	1.007	1.023	1.041	1.062	1.085	1.110	1.135	1.160	1.183	1.201	1.213	1.218
44.	0.993	1.009	1.027	1.047	1.071	1.097	1.125	1.154	1.183	1.210	1.231	1.245	1.250
46.	0.994	1.010	1.030	1.052	1.078	1.106	1.137	1.169	1.201	1.231	1.255	1.271	1.276
48.	0.994	1.011	1.032	1.055	1.082	1.112	1.145	1.179	1.213	1.245	1.271	1.288	1.294
50.	0.994	1.012	1.032	1.056	1.084	1.114	1.148	1.183	1.218	1.250	1.276	1.294	1.300

ROOM HEIGHT 70.0 DETECTOR HEIGHT 20.0 CEILING STRENGTH 0.3

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	1.939	1.931	1.896	1.839	1.766	1.682	1.595	1.508	1.425	1.348	1.277	1.213	1.157
2.	1.931	1.923	1.890	1.834	1.762	1.680	1.594	1.509	1.427	1.351	1.281	1.219	1.163
4.	1.896	1.890	1.858	1.806	1.738	1.661	1.579	1.498	1.419	1.346	1.279	1.218	1.164
6.	1.839	1.834	1.806	1.759	1.697	1.626	1.551	1.475	1.402	1.333	1.269	1.212	1.161
8.	1.766	1.762	1.738	1.697	1.642	1.579	1.512	1.443	1.377	1.313	1.255	1.201	1.153
10.	1.682	1.680	1.661	1.626	1.579	1.525	1.466	1.405	1.345	1.289	1.236	1.187	1.143
12.	1.595	1.594	1.579	1.551	1.512	1.466	1.415	1.363	1.311	1.260	1.213	1.170	1.130
14.	1.508	1.509	1.498	1.475	1.443	1.405	1.363	1.318	1.274	1.230	1.189	1.151	1.115
16.	1.425	1.427	1.419	1.402	1.377	1.346	1.311	1.274	1.236	1.199	1.164	1.130	1.100
18.	1.348	1.351	1.346	1.333	1.313	1.289	1.260	1.230	1.199	1.168	1.138	1.110	1.084
20.	1.277	1.281	1.279	1.269	1.255	1.236	1.213	1.189	1.164	1.138	1.114	1.090	1.068
22.	1.213	1.219	1.218	1.212	1.201	1.187	1.170	1.151	1.130	1.110	1.090	1.071	1.053
24.	1.157	1.163	1.164	1.161	1.153	1.143	1.130	1.115	1.100	1.084	1.068	1.053	1.039
26.	1.107	1.113	1.116	1.115	1.111	1.104	1.094	1.084	1.072	1.060	1.048	1.037	1.026
28.	1.063	1.070	1.074	1.075	1.073	1.069	1.063	1.055	1.047	1.039	1.030	1.022	1.015
30.	1.025	1.033	1.038	1.040	1.040	1.038	1.035	1.030	1.025	1.020	1.014	1.009	1.005
32.	0.992	1.000	1.006	1.010	1.011	1.012	1.010	1.008	1.006	1.003	1.000	0.998	0.997
34.	0.964	0.973	0.979	0.984	0.987	0.989	0.990	0.990	0.989	0.989	0.989	0.989	0.990
36.	0.940	0.949	0.956	0.962	0.966	0.969	0.972	0.974	0.975	0.977	0.979	0.981	0.984
38.	0.920	0.929	0.937	0.943	0.949	0.953	0.957	0.960	0.963	0.967	0.970	0.975	0.980
40.	0.904	0.913	0.921	0.928	0.934	0.940	0.945	0.949	0.954	0.958	0.964	0.970	0.977
42.	0.891	0.900	0.909	0.916	0.923	0.929	0.935	0.940	0.946	0.952	0.958	0.966	0.974
44.	0.881	0.890	0.899	0.907	0.914	0.921	0.927	0.934	0.940	0.947	0.955	0.963	0.973
46.	0.874	0.884	0.892	0.901	0.908	0.915	0.922	0.929	0.936	0.944	0.952	0.961	0.972
48.	0.870	0.880	0.888	0.897	0.904	0.912	0.919	0.926	0.934	0.942	0.950	0.960	0.971
50.	0.869	0.878	0.887	0.895	0.903	0.911	0.918	0.925	0.933	0.941	0.950	0.960	0.971

ROOM HEIGHT 70.0 DETECTOR HEIGHT 22.0 CEILING STRENGTH 0.3

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	1.714	1.711	1.688	1.650	1.598	1.539	1.474	1.409	1.344	1.282	1.225	1.172	1.124
2.	1.711	1.708	1.686	1.648	1.598	1.539	1.476	1.411	1.347	1.287	1.230	1.178	1.131
4.	1.688	1.686	1.665	1.630	1.582	1.526	1.466	1.403	1.342	1.284	1.229	1.178	1.133
6.	1.650	1.648	1.630	1.597	1.553	1.501	1.445	1.387	1.330	1.274	1.222	1.174	1.131
8.	1.598	1.598	1.582	1.553	1.514	1.467	1.416	1.363	1.310	1.259	1.211	1.166	1.125
10.	1.539	1.539	1.526	1.501	1.467	1.427	1.381	1.334	1.286	1.240	1.196	1.155	1.117
12.	1.474	1.476	1.466	1.445	1.416	1.381	1.342	1.300	1.258	1.217	1.178	1.141	1.107
14.	1.409	1.411	1.403	1.387	1.363	1.334	1.300	1.265	1.228	1.192	1.158	1.125	1.095
16.	1.344	1.347	1.342	1.330	1.310	1.286	1.258	1.228	1.197	1.167	1.136	1.108	1.081
18.	1.282	1.287	1.284	1.274	1.259	1.240	1.217	1.192	1.167	1.140	1.115	1.091	1.068
20.	1.225	1.230	1.229	1.222	1.211	1.196	1.178	1.158	1.136	1.115	1.094	1.073	1.054
22.	1.172	1.178	1.178	1.174	1.166	1.155	1.141	1.125	1.108	1.091	1.073	1.056	1.041
24.	1.124	1.131	1.133	1.131	1.125	1.117	1.107	1.095	1.081	1.068	1.054	1.041	1.028
26.	1.081	1.088	1.091	1.091	1.088	1.083	1.076	1.067	1.057	1.047	1.036	1.026	1.017
28.	1.043	1.051	1.055	1.056	1.055	1.052	1.048	1.042	1.035	1.027	1.020	1.013	1.006
30.	1.010	1.017	1.023	1.025	1.026	1.025	1.023	1.019	1.015	1.010	1.006	1.001	0.997
32.	0.980	0.988	0.994	0.998	1.001	1.001	1.001	0.999	0.997	0.995	0.993	0.991	0.989
34.	0.955	0.963	0.970	0.975	0.978	0.981	0.982	0.982	0.982	0.982	0.982	0.982	0.983
36.	0.933	0.942	0.949	0.955	0.959	0.963	0.965	0.968	0.969	0.971	0.973	0.975	0.977
38.	0.915	0.924	0.932	0.938	0.943	0.948	0.952	0.955	0.958	0.961	0.965	0.969	0.973
40.	0.900	0.909	0.917	0.924	0.930	0.936	0.940	0.945	0.949	0.954	0.958	0.964	0.970
42.	0.888	0.897	0.905	0.913	0.920	0.926	0.931	0.937	0.942	0.948	0.953	0.960	0.967
44.	0.879	0.888	0.897	0.904	0.911	0.918	0.924	0.930	0.937	0.943	0.950	0.957	0.966
46.	0.872	0.882	0.890	0.898	0.906	0.913	0.919	0.926	0.933	0.940	0.947	0.955	0.964
48.	0.869	0.878	0.887	0.895	0.902	0.910	0.917	0.923	0.930	0.938	0.946	0.954	0.964
50.	0.867	0.876	0.885	0.894	0.901	0.909	0.916	0.923	0.930	0.937	0.945	0.954	0.964

ROOM HEIGHT			70.0		DETECTOR HEIGHT			20.0	CEILING STRENGTH				0.3
X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	1.101	1.063	1.025	0.992	0.964	0.94E	C.92C	0.904	0.891	3.881	0.874	0.870	0.868
2.	1.113	1.070	1.033	1.000	0.973	0.949	C.929	0.913	0.900	3.890	0.884	0.880	0.878
4.	1.116	1.074	1.038	1.006	0.979	0.956	0.937	0.921	0.909	3.899	0.892	0.888	0.887
6.	1.115	1.075	1.040	1.010	0.984	0.962	C.943	0.928	0.916	0.907	0.901	0.897	0.895
8.	1.111	1.073	1.040	1.011	0.987	0.966	0.949	0.934	0.923	3.914	0.908	0.904	0.903
10.	1.104	1.069	1.038	1.012	0.989	0.969	C.953	0.940	0.929	0.921	0.915	0.912	0.911
12.	1.094	1.063	1.035	1.010	0.990	0.972	C.957	0.945	0.935	0.927	0.922	0.919	0.918
14.	1.084	1.055	1.030	1.008	0.990	0.974	C.96C	0.949	0.940	0.934	0.929	0.926	0.925
16.	1.072	1.047	1.025	1.006	0.989	0.975	C.963	0.954	0.946	0.940	0.936	0.934	0.933
18.	1.060	1.039	1.020	1.003	0.989	0.977	C.967	0.958	0.952	0.947	0.944	0.942	0.941
20.	1.048	1.030	1.014	1.000	0.989	0.979	C.97C	0.964	0.958	0.955	0.952	0.950	0.950
22.	1.037	1.022	1.009	0.998	0.989	0.981	0.975	0.970	0.966	3.963	0.961	0.960	0.960
24.	1.026	1.015	1.005	0.997	0.990	0.984	C.98C	0.977	0.974	3.973	0.972	0.971	0.971
26.	1.017	1.008	1.002	0.996	0.991	0.988	C.986	0.985	0.984	3.984	0.984	0.984	0.984
28.	1.008	1.003	0.999	0.996	0.994	0.994	C.994	0.994	0.995	3.997	0.998	0.998	0.999
30.	1.002	0.999	0.998	0.997	0.998	1.CCC	1.CC2	1.005	1.008	1.011	1.013	1.015	1.015
32.	0.996	0.996	0.997	1.000	1.CC3	1.CC8	1.C13	1.018	1.023	1.028	1.031	1.034	1.034
34.	0.991	0.994	0.998	1.003	1.C10	1.C17	1.C24	1.032	1.039	1.046	1.051	1.054	1.056
36.	0.988	0.994	1.000	1.008	1.017	1.026	1.C37	1.047	1.057	1.066	1.073	1.077	1.079
38.	0.986	0.994	1.002	1.013	1.C24	1.C37	1.C5C	1.063	1.076	1.087	1.096	1.101	1.103
40.	0.985	0.994	1.005	1.018	1.C32	1.C47	1.C63	1.079	1.095	1.108	1.119	1.126	1.129
42.	0.984	0.995	1.008	1.023	1.039	1.057	1.C76	1.095	1.113	1.129	1.142	1.150	1.153
44.	0.984	0.997	1.011	1.028	1.046	1.C66	1.087	1.108	1.129	1.148	1.162	1.172	1.175
46.	0.984	0.998	1.013	1.031	1.051	1.C73	1.096	1.119	1.142	1.162	1.178	1.189	1.193
48.	0.984	0.998	1.015	1.034	1.054	1.C77	1.101	1.126	1.150	1.172	1.189	1.200	1.204
50.	0.984	0.999	1.015	1.034	1.056	1.C79	1.1C3	1.129	1.153	1.175	1.193	1.204	1.208

ROOM HEIGHT			70.0		DETECTOR HEIGHT			22.0	CEILING STRENGTH				0.3
X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	1.081	1.043	1.010	0.980	0.955	0.933	0.915	C.900	0.888	3.879	0.872	0.868	0.867
2.	1.088	1.051	1.017	0.988	0.963	0.942	C.924	0.909	0.897	0.888	0.882	0.878	0.876
4.	1.091	1.055	1.023	0.994	0.970	0.949	0.932	0.917	0.905	3.897	0.890	0.887	0.885
6.	1.091	1.056	1.025	0.998	0.975	0.955	C.938	0.924	0.913	3.904	0.898	0.895	0.894
8.	1.088	1.055	1.026	1.001	0.978	0.959	C.943	C.930	0.920	0.911	0.906	0.902	0.901
10.	1.083	1.052	1.025	1.001	0.981	0.963	C.948	0.936	0.926	0.918	0.913	0.910	0.909
12.	1.076	1.048	1.023	1.001	0.982	0.965	C.952	0.940	0.931	0.924	0.919	0.917	0.916
14.	1.067	1.042	1.019	0.999	0.982	0.968	0.955	0.945	0.937	0.930	0.926	0.923	0.923
16.	1.057	1.035	1.015	0.997	0.982	0.969	C.958	0.949	0.942	0.937	0.933	0.930	0.930
18.	1.047	1.027	1.010	0.995	0.982	0.971	0.961	0.954	0.948	3.943	0.940	0.938	0.937
20.	1.036	1.020	1.006	0.993	0.982	0.973	C.965	0.958	0.953	0.950	0.947	0.946	0.945
22.	1.026	1.013	1.001	0.991	0.982	0.975	C.969	0.964	0.960	0.957	0.955	0.954	0.954
24.	1.017	1.006	0.997	0.989	0.983	0.977	0.973	0.970	0.967	0.966	0.964	0.964	0.964
26.	1.008	1.000	0.994	0.988	0.984	0.981	0.978	0.977	0.976	3.975	0.975	0.974	0.974
28.	1.000	0.995	0.991	0.988	0.986	0.985	0.984	0.984	0.985	3.986	0.986	0.987	0.987
30.	0.994	0.991	0.990	0.989	0.989	0.99C	C.992	0.994	0.996	0.997	0.999	1.000	1.000
32.	0.988	0.988	0.989	0.991	0.993	0.996	1.000	1.004	1.007	1.011	1.013	1.015	1.016
34.	0.984	0.986	0.989	0.993	0.998	1.CC3	1.CC9	1.015	1.020	1.025	1.029	1.031	1.032
36.	0.981	0.985	0.990	0.996	1.CC3	1.011	1.C19	1.027	1.034	1.040	1.046	1.049	1.050
38.	0.978	0.984	0.992	1.000	1.CC9	1.019	1.C29	1.039	1.048	1.056	1.063	1.067	1.068
40.	0.977	0.984	0.994	1.004	1.C15	1.C27	1.C39	1.051	1.062	1.072	1.080	1.085	1.087
42.	0.976	0.985	0.996	1.007	1.C20	1.C34	1.C48	1.062	1.076	1.087	1.096	1.102	1.104
44.	0.975	0.986	0.997	1.011	1.C25	1.C4C	1.C56	1.072	1.087	1.100	1.111	1.117	1.120
46.	0.975	0.986	0.999	1.013	1.029	1.C46	1.C63	1.080	1.096	1.111	1.122	1.129	1.132
48.	0.974	0.987	1.000	1.015	1.C31	1.C49	1.C67	1.085	1.102	1.117	1.129	1.137	1.139
50.	0.974	0.987	1.000	1.016	1.C32	1.C5C	1.C68	1.087	1.104	1.120	1.132	1.139	1.142

ROOF HEIGHT 70.0 DETECTOR HEIGHT 24.0 CEILING STRENGTH 0.3

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	1.551	1.550	1.535	1.509	1.472	1.428	1.380	1.329	1.278	1.228	1.181	1.137	1.096
2.	1.550	1.549	1.535	1.509	1.473	1.430	1.382	1.332	1.282	1.233	1.187	1.143	1.103
4.	1.535	1.535	1.522	1.497	1.463	1.422	1.376	1.328	1.279	1.232	1.187	1.145	1.106
6.	1.509	1.509	1.497	1.474	1.443	1.404	1.361	1.316	1.270	1.225	1.183	1.142	1.105
8.	1.472	1.473	1.463	1.443	1.414	1.379.	1.340	1.298	1.256	1.214	1.174	1.136	1.101
10.	1.428	1.430	1.422	1.404	1.379	1.348	1.313	1.275	1.237	1.199	1.162	1.127	1.095
12.	1.380	1.382	1.376	1.361	1.340	1.313	1.282	1.249	1.215	1.180	1.147	1.116	1.086
14.	1.329	1.332	1.328	1.316	1.298	1.275	1.249	1.220	1.190	1.160	1.131	1.102	1.076
16.	1.278	1.282	1.279	1.270	1.256	1.237	1.215	1.190	1.164	1.138	1.113	1.088	1.065
18.	1.228	1.233	1.232	1.225	1.214	1.199	1.180	1.160	1.138	1.116	1.094	1.073	1.053
20.	1.181	1.187	1.187	1.183	1.174	1.162	1.147	1.131	1.113	1.094	1.076	1.058	1.041
22.	1.137	1.143	1.145	1.142	1.136	1.127	1.116	1.102	1.088	1.073	1.058	1.043	1.029
24.	1.096	1.103	1.106	1.105	1.101	1.095	1.086	1.076	1.065	1.053	1.041	1.029	1.018
26.	1.059	1.066	1.070	1.071	1.069	1.065	1.059	1.052	1.043	1.034	1.025	1.016	1.008
28.	1.026	1.033	1.038	1.040	1.040	1.038	1.034	1.029	1.023	1.017	1.011	1.004	0.998
30.	0.996	1.004	1.009	1.012	1.014	1.013	1.012	1.009	1.006	1.002	0.997	0.994	0.990
32.	0.970	0.978	0.984	0.988	0.991	0.992	0.992	0.991	0.990	0.988	0.986	0.984	0.982
34.	0.947	0.955	0.962	0.967	0.971	0.973	0.975	0.975	0.976	0.976	0.976	0.976	0.976
36.	0.927	0.935	0.943	0.948	0.953	0.957	0.960	0.962	0.964	0.965	0.967	0.969	0.971
38.	0.910	0.919	0.926	0.933	0.938	0.943	0.947	0.950	0.953	0.956	0.960	0.963	0.967
40.	0.896	0.905	0.913	0.920	0.926	0.932	0.936	0.941	0.945	0.949	0.953	0.958	0.963
42.	0.885	0.894	0.902	0.910	0.916	0.922	0.928	0.933	0.938	0.943	0.949	0.954	0.961
44.	0.876	0.886	0.894	0.902	0.909	0.915	0.921	0.927	0.933	0.939	0.945	0.952	0.959
46.	0.870	0.880	0.888	0.896	0.903	0.910	0.917	0.923	0.929	0.936	0.943	0.950	0.958
48.	0.866	0.876	0.885	0.893	0.900	0.907	0.914	0.921	0.927	0.934	0.941	0.949	0.957
50.	0.865	0.875	0.884	0.892	0.899	0.906	0.913	0.920	0.926	0.933	0.941	0.948	0.957

ROOF HEIGHT 70.0 DETECTOR HEIGHT 26.0 CEILING STRENGTH 0.3

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	1.431	1.432	1.423	1.404	1.377	1.344	1.306	1.266	1.225	1.185	1.145	1.108	1.073
2.	1.432	1.433	1.424	1.406	1.379	1.347	1.310	1.270	1.230	1.190	1.151	1.114	1.079
4.	1.423	1.424	1.416	1.398	1.373	1.341	1.306	1.268	1.229	1.190	1.152	1.117	1.083
6.	1.404	1.406	1.398	1.382	1.358	1.329	1.296	1.260	1.223	1.186	1.150	1.115	1.083
8.	1.377	1.379	1.373	1.358	1.337	1.310	1.279	1.246	1.212	1.177	1.143	1.111	1.081
10.	1.344	1.347	1.341	1.329	1.310	1.286	1.258	1.228	1.197	1.165	1.134	1.104	1.076
12.	1.306	1.310	1.306	1.296	1.279	1.258	1.234	1.207	1.179	1.150	1.122	1.094	1.069
14.	1.266	1.270	1.268	1.260	1.246	1.228	1.207	1.183	1.158	1.133	1.108	1.083	1.060
16.	1.225	1.230	1.229	1.223	1.212	1.197	1.179	1.158	1.137	1.115	1.093	1.071	1.051
18.	1.185	1.190	1.190	1.186	1.177	1.165	1.150	1.133	1.115	1.096	1.077	1.058	1.040
20.	1.145	1.151	1.152	1.150	1.143	1.134	1.122	1.108	1.093	1.077	1.061	1.045	1.030
22.	1.108	1.114	1.117	1.115	1.111	1.104	1.094	1.083	1.071	1.058	1.045	1.032	1.020
24.	1.073	1.079	1.083	1.083	1.081	1.076	1.069	1.060	1.051	1.040	1.030	1.020	1.010
26.	1.043	1.047	1.052	1.053	1.052	1.049	1.045	1.038	1.031	1.024	1.016	1.008	1.000
28.	1.017	1.018	1.023	1.026	1.026	1.025	1.022	1.018	1.014	1.008	1.002	0.997	0.991
30.	0.994	0.992	0.997	1.001	1.003	1.003	1.002	1.000	0.997	0.994	0.990	0.987	0.983
32.	0.960	0.968	0.975	0.979	0.982	0.984	0.984	0.984	0.983	0.981	0.980	0.978	0.977
34.	0.939	0.948	0.954	0.960	0.964	0.966	0.968	0.969	0.970	0.970	0.970	0.970	0.971
36.	0.921	0.930	0.937	0.943	0.948	0.951	0.954	0.957	0.959	0.960	0.962	0.964	0.965
38.	0.905	0.914	0.922	0.928	0.934	0.939	0.943	0.946	0.949	0.952	0.955	0.958	0.961
40.	0.893	0.902	0.909	0.916	0.923	0.928	0.933	0.937	0.941	0.945	0.949	0.953	0.958
42.	0.882	0.891	0.899	0.907	0.913	0.919	0.925	0.930	0.935	0.940	0.945	0.950	0.955
44.	0.874	0.883	0.892	0.899	0.906	0.913	0.919	0.924	0.930	0.935	0.941	0.947	0.953
46.	0.868	0.878	0.886	0.894	0.901	0.908	0.914	0.920	0.926	0.932	0.939	0.945	0.952
48.	0.865	0.874	0.883	0.891	0.898	0.905	0.912	0.918	0.924	0.931	0.937	0.944	0.951
50.	0.864	0.873	0.882	0.890	0.897	0.904	0.911	0.917	0.924	0.930	0.937	0.944	0.951

ROOM HEIGHT			70.0		DETECTOR HEIGHT			24.0	CEILING STRENGTH				0.3
X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	1.059	1.026	0.996	0.970	0.947	0.927	0.910	0.896	0.885	0.876	0.870	0.866	0.865
2.	1.066	1.033	1.004	0.978	0.955	0.935	0.919	0.905	0.894	0.886	0.880	0.876	0.875
4.	1.070	1.038	1.009	0.984	0.962	0.943	0.926	0.913	0.902	0.894	0.888	0.885	0.884
6.	1.071	1.040	1.012	0.988	0.967	0.948	0.933	0.920	0.910	0.902	0.896	0.893	0.892
8.	1.069	1.040	1.014	0.991	0.971	0.953	0.938	0.926	0.916	0.909	0.903	0.900	0.899
10.	1.065	1.038	1.013	0.992	0.973	0.957	0.943	0.932	0.922	0.915	0.910	0.907	0.906
12.	1.059	1.034	1.012	0.992	0.975	0.960	0.947	0.936	0.928	0.921	0.917	0.914	0.913
14.	1.052	1.029	1.009	0.991	0.975	0.962	0.950	0.941	0.933	0.927	0.923	0.921	0.920
16.	1.043	1.023	1.006	0.990	0.976	0.964	0.953	0.945	0.938	0.933	0.929	0.927	0.926
18.	1.034	1.017	1.002	0.988	0.976	0.965	0.956	0.949	0.943	0.939	0.936	0.934	0.933
20.	1.025	1.011	0.997	0.986	0.976	0.967	0.960	0.953	0.949	0.945	0.943	0.941	0.941
22.	1.016	1.004	0.994	0.984	0.976	0.969	0.963	0.958	0.954	0.952	0.950	0.949	0.948
24.	1.008	0.998	0.990	0.982	0.976	0.971	0.967	0.963	0.961	0.959	0.958	0.957	0.957
26.	1.000	0.993	0.987	0.981	0.977	0.974	0.971	0.969	0.968	0.967	0.967	0.966	0.966
28.	0.993	0.988	0.984	0.981	0.979	0.977	0.976	0.976	0.976	0.976	0.976	0.976	0.976
30.	0.987	0.984	0.982	0.981	0.981	0.981	0.982	0.983	0.984	0.986	0.987	0.987	0.988
32.	0.981	0.981	0.981	0.982	0.984	0.986	0.989	0.991	0.994	0.996	0.998	1.000	1.000
34.	0.977	0.979	0.981	0.984	0.987	0.991	0.996	1.000	1.004	1.008	1.011	1.012	1.013
36.	0.974	0.977	0.981	0.986	0.991	0.997	1.003	1.009	1.015	1.020	1.024	1.026	1.027
38.	0.971	0.976	0.982	0.989	0.996	1.003	1.011	1.019	1.026	1.032	1.037	1.040	1.041
40.	0.969	0.976	0.983	0.991	1.000	1.009	1.019	1.028	1.037	1.044	1.050	1.053	1.054
42.	0.968	0.976	0.984	0.994	1.004	1.015	1.026	1.037	1.046	1.055	1.062	1.066	1.067
44.	0.967	0.976	0.986	0.996	1.008	1.020	1.032	1.044	1.055	1.065	1.072	1.077	1.078
46.	0.967	0.976	0.987	0.998	1.011	1.024	1.037	1.050	1.062	1.072	1.080	1.085	1.087
48.	0.966	0.976	0.987	1.000	1.012	1.026	1.040	1.053	1.066	1.077	1.085	1.090	1.092
50.	0.966	0.976	0.988	1.000	1.013	1.027	1.041	1.054	1.067	1.078	1.087	1.092	1.094

ROOM HEIGHT			70.0		DETECTOR HEIGHT			26.0	CEILING STRENGTH				0.3
X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	1.040	1.011	0.984	0.960	0.939	0.921	0.905	0.893	0.882	0.874	0.868	0.865	0.864
2.	1.047	1.018	0.992	0.968	0.948	0.930	0.914	0.902	0.891	0.883	0.878	0.874	0.873
4.	1.052	1.023	0.997	0.975	0.954	0.937	0.922	0.909	0.899	0.892	0.886	0.883	0.882
6.	1.053	1.026	1.001	0.979	0.960	0.943	0.928	0.916	0.907	0.899	0.894	0.891	0.890
8.	1.052	1.026	1.003	0.982	0.964	0.948	0.934	0.923	0.913	0.906	0.901	0.898	0.897
10.	1.049	1.025	1.003	0.984	0.966	0.951	0.939	0.928	0.919	0.913	0.908	0.905	0.904
12.	1.045	1.022	1.002	0.984	0.968	0.954	0.943	0.933	0.925	0.919	0.914	0.912	0.911
14.	1.038	1.018	1.000	0.984	0.969	0.957	0.946	0.937	0.930	0.924	0.920	0.918	0.917
16.	1.031	1.014	0.997	0.983	0.970	0.959	0.949	0.941	0.935	0.930	0.926	0.924	0.924
18.	1.024	1.008	0.994	0.981	0.970	0.960	0.952	0.945	0.940	0.935	0.932	0.931	0.930
20.	1.016	1.002	0.990	0.980	0.970	0.962	0.955	0.949	0.945	0.941	0.939	0.937	0.937
22.	1.008	0.997	0.987	0.978	0.970	0.964	0.958	0.953	0.950	0.947	0.945	0.944	0.944
24.	1.000	0.991	0.983	0.977	0.971	0.965	0.961	0.958	0.955	0.953	0.952	0.951	0.951
26.	0.993	0.986	0.980	0.975	0.971	0.968	0.965	0.963	0.961	0.960	0.960	0.959	0.959
28.	0.986	0.982	0.978	0.975	0.972	0.971	0.969	0.968	0.968	0.968	0.968	0.968	0.968
30.	0.980	0.978	0.976	0.975	0.974	0.974	0.974	0.975	0.975	0.976	0.977	0.977	0.977
32.	0.975	0.975	0.975	0.975	0.976	0.978	0.979	0.981	0.983	0.985	0.986	0.987	0.987
34.	0.971	0.972	0.974	0.976	0.979	0.982	0.985	0.988	0.991	0.994	0.996	0.997	0.998
36.	0.968	0.971	0.974	0.978	0.982	0.986	0.991	0.996	1.000	1.003	1.006	1.008	1.009
38.	0.965	0.969	0.974	0.979	0.985	0.991	0.997	1.003	1.008	1.013	1.016	1.019	1.020
40.	0.963	0.968	0.975	0.981	0.988	0.996	1.003	1.010	1.017	1.022	1.026	1.029	1.030
42.	0.961	0.969	0.975	0.983	0.991	1.000	1.008	1.017	1.024	1.030	1.035	1.038	1.040
44.	0.960	0.968	0.976	0.985	0.994	1.003	1.013	1.022	1.030	1.038	1.043	1.047	1.048
46.	0.960	0.968	0.977	0.986	0.996	1.006	1.016	1.026	1.035	1.043	1.049	1.053	1.054
48.	0.959	0.968	0.977	0.987	0.997	1.008	1.019	1.029	1.038	1.047	1.053	1.057	1.058
50.	0.959	0.968	0.977	0.987	0.998	1.009	1.020	1.030	1.040	1.048	1.054	1.058	1.059

ROOM HEIGHT 70.0 DETECTOR HEIGHT 28.0 CEILING STRENGTH 0.3

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	1.345	1.348	1.341	1.327	1.307	1.281	1.251	1.219	1.185	1.151	1.117	1.085	1.054
2.	1.348	1.350	1.344	1.330	1.310	1.285	1.255	1.223	1.190	1.156	1.123	1.091	1.061
4.	1.341	1.344	1.338	1.325	1.306	1.282	1.253	1.223	1.190	1.158	1.125	1.094	1.065
6.	1.327	1.330	1.325	1.313	1.296	1.273	1.246	1.217	1.186	1.155	1.124	1.094	1.066
8.	1.307	1.310	1.306	1.296	1.279	1.258	1.233	1.206	1.177	1.148	1.119	1.091	1.064
10.	1.281	1.285	1.282	1.273	1.258	1.239	1.216	1.192	1.165	1.138	1.111	1.085	1.060
12.	1.251	1.255	1.253	1.246	1.233	1.216	1.196	1.174	1.150	1.126	1.101	1.077	1.054
14.	1.219	1.223	1.223	1.217	1.206	1.192	1.174	1.154	1.133	1.112	1.090	1.068	1.047
16.	1.185	1.190	1.190	1.186	1.177	1.165	1.150	1.133	1.115	1.096	1.077	1.057	1.039
18.	1.151	1.156	1.158	1.155	1.148	1.138	1.126	1.112	1.096	1.079	1.063	1.046	1.030
20.	1.117	1.123	1.125	1.124	1.119	1.111	1.101	1.090	1.077	1.063	1.049	1.034	1.021
22.	1.085	1.091	1.094	1.094	1.091	1.085	1.077	1.068	1.057	1.046	1.034	1.023	1.011
24.	1.054	1.061	1.065	1.066	1.064	1.060	1.054	1.047	1.039	1.030	1.021	1.011	1.002
26.	1.025	1.032	1.037	1.039	1.039	1.037	1.033	1.028	1.022	1.015	1.008	1.001	0.994
28.	0.999	1.006	1.011	1.014	1.015	1.015	1.013	1.010	1.005	1.001	0.996	0.990	0.986
30.	0.974	0.982	0.988	0.992	0.994	0.995	0.994	0.993	0.990	0.988	0.984	0.981	0.978
32.	0.952	0.961	0.967	0.972	0.975	0.977	0.978	0.978	0.977	0.976	0.974	0.973	0.972
34.	0.933	0.941	0.948	0.954	0.958	0.961	0.963	0.964	0.965	0.965	0.965	0.966	0.966
36.	0.916	0.925	0.932	0.938	0.943	0.947	0.950	0.953	0.954	0.956	0.958	0.959	0.961
38.	0.902	0.910	0.918	0.925	0.930	0.935	0.939	0.942	0.945	0.948	0.951	0.954	0.957
40.	0.890	0.898	0.906	0.913	0.920	0.925	0.930	0.934	0.938	0.942	0.945	0.949	0.953
42.	0.880	0.889	0.897	0.904	0.911	0.917	0.922	0.927	0.932	0.936	0.941	0.946	0.951
44.	0.872	0.881	0.890	0.897	0.904	0.911	0.916	0.922	0.927	0.932	0.938	0.943	0.949
46.	0.867	0.876	0.884	0.892	0.899	0.906	0.912	0.918	0.924	0.929	0.935	0.941	0.947
48.	0.863	0.873	0.881	0.889	0.897	0.903	0.910	0.916	0.922	0.928	0.934	0.940	0.947
50.	0.862	0.872	0.880	0.888	0.896	0.902	0.909	0.915	0.921	0.927	0.933	0.940	0.946

ROOM HEIGHT 70.0 DETECTOR HEIGHT 30.0 CEILING STRENGTH 0.3

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	1.286	1.289	1.285	1.274	1.258	1.237	1.212	1.185	1.156	1.126	1.096	1.068	1.040
2.	1.289	1.292	1.288	1.277	1.261	1.241	1.216	1.190	1.161	1.132	1.103	1.074	1.047
4.	1.285	1.288	1.284	1.274	1.259	1.239	1.216	1.190	1.162	1.134	1.105	1.078	1.051
6.	1.274	1.277	1.274	1.265	1.251	1.232	1.210	1.185	1.159	1.132	1.105	1.078	1.052
8.	1.258	1.261	1.259	1.251	1.238	1.221	1.200	1.177	1.152	1.127	1.101	1.076	1.052
10.	1.237	1.241	1.239	1.232	1.221	1.205	1.186	1.165	1.142	1.118	1.095	1.071	1.049
12.	1.212	1.216	1.216	1.210	1.200	1.186	1.169	1.150	1.129	1.108	1.086	1.065	1.044
14.	1.185	1.190	1.190	1.185	1.177	1.165	1.150	1.133	1.115	1.095	1.076	1.056	1.038
16.	1.156	1.161	1.162	1.159	1.152	1.142	1.129	1.115	1.099	1.082	1.064	1.047	1.030
18.	1.126	1.132	1.134	1.132	1.127	1.118	1.108	1.095	1.082	1.067	1.052	1.037	1.022
20.	1.096	1.103	1.105	1.105	1.101	1.095	1.086	1.076	1.064	1.052	1.039	1.026	1.014
22.	1.068	1.074	1.078	1.078	1.076	1.071	1.065	1.056	1.047	1.037	1.026	1.016	1.005
24.	1.040	1.047	1.051	1.052	1.052	1.049	1.044	1.038	1.030	1.022	1.014	1.005	0.997
26.	1.014	1.021	1.026	1.028	1.029	1.027	1.024	1.020	1.014	1.008	1.002	0.995	0.989
28.	0.989	0.997	1.002	1.006	1.007	1.007	1.005	1.003	0.999	0.995	0.990	0.986	0.981
30.	0.967	0.975	0.981	0.985	0.987	0.988	0.988	0.987	0.985	0.983	0.980	0.977	0.974
32.	0.947	0.955	0.961	0.966	0.970	0.972	0.973	0.973	0.973	0.972	0.970	0.969	0.968
34.	0.928	0.937	0.944	0.949	0.954	0.957	0.959	0.960	0.961	0.962	0.962	0.962	0.962
36.	0.912	0.921	0.928	0.934	0.939	0.943	0.947	0.949	0.951	0.953	0.954	0.956	0.957
38.	0.899	0.908	0.915	0.922	0.927	0.932	0.936	0.940	0.943	0.945	0.948	0.951	0.953
40.	0.887	0.896	0.904	0.911	0.917	0.923	0.927	0.931	0.935	0.939	0.943	0.946	0.950
42.	0.878	0.887	0.895	0.902	0.909	0.915	0.920	0.925	0.929	0.934	0.938	0.943	0.947
44.	0.870	0.880	0.888	0.896	0.902	0.909	0.914	0.920	0.925	0.930	0.935	0.940	0.945
46.	0.865	0.875	0.883	0.891	0.898	0.904	0.910	0.916	0.922	0.927	0.933	0.938	0.944
48.	0.862	0.872	0.880	0.888	0.895	0.902	0.908	0.914	0.920	0.925	0.931	0.937	0.943
50.	0.861	0.871	0.879	0.887	0.894	0.901	0.907	0.913	0.919	0.925	0.931	0.937	0.943

ROOM HEIGHT 70.0 DETECTOR HEIGHT 28.0 CEILING STRENGTH 0.3

X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	1.025	0.999	0.974	0.952	0.933	0.916	0.902	0.890	0.880	0.872	0.867	0.863	0.862
2.	1.032	1.006	0.982	0.961	0.941	0.925	0.911	0.898	0.889	0.881	0.876	0.873	0.872
4.	1.037	1.011	0.988	0.967	0.948	0.932	0.918	0.906	0.897	0.890	0.886	0.881	0.880
6.	1.039	1.014	0.992	0.972	0.954	0.938	0.925	0.913	0.904	0.897	0.892	0.889	0.888
8.	1.039	1.015	0.994	0.975	0.958	0.943	0.930	0.920	0.911	0.904	0.899	0.897	0.896
10.	1.037	1.015	0.995	0.977	0.961	0.947	0.935	0.925	0.917	0.910	0.906	0.903	0.902
12.	1.033	1.013	0.994	0.978	0.963	0.950	0.939	0.930	0.922	0.916	0.912	0.910	0.909
14.	1.028	1.010	0.993	0.978	0.964	0.953	0.942	0.934	0.927	0.922	0.918	0.916	0.915
16.	1.022	1.005	0.990	0.977	0.965	0.954	0.945	0.938	0.932	0.927	0.924	0.922	0.921
18.	1.015	1.001	0.988	0.976	0.965	0.956	0.948	0.942	0.936	0.932	0.929	0.928	0.927
20.	1.008	0.996	0.984	0.974	0.965	0.958	0.951	0.945	0.941	0.938	0.935	0.934	0.933
22.	1.001	0.990	0.981	0.973	0.966	0.959	0.954	0.949	0.946	0.943	0.941	0.940	0.940
24.	0.994	0.986	0.978	0.972	0.966	0.961	0.957	0.953	0.951	0.949	0.947	0.947	0.946
26.	0.987	0.981	0.975	0.970	0.966	0.963	0.960	0.958	0.956	0.955	0.954	0.954	0.953
28.	0.981	0.977	0.973	0.970	0.967	0.965	0.964	0.963	0.962	0.961	0.961	0.961	0.961
30.	0.975	0.973	0.971	0.969	0.968	0.968	0.968	0.968	0.968	0.968	0.969	0.969	0.969
32.	0.970	0.970	0.969	0.969	0.970	0.971	0.972	0.973	0.974	0.976	0.977	0.977	0.977
34.	0.966	0.967	0.968	0.970	0.972	0.974	0.976	0.979	0.981	0.983	0.985	0.986	0.986
36.	0.963	0.965	0.968	0.971	0.974	0.978	0.981	0.985	0.988	0.991	0.993	0.994	0.995
38.	0.960	0.964	0.968	0.972	0.976	0.981	0.986	0.991	0.995	0.998	1.001	1.003	1.004
40.	0.958	0.963	0.968	0.973	0.979	0.985	0.991	0.996	1.001	1.006	1.009	1.011	1.012
42.	0.956	0.962	0.968	0.974	0.981	0.988	0.995	1.001	1.007	1.012	1.016	1.018	1.019
44.	0.955	0.961	0.968	0.976	0.983	0.991	0.998	1.006	1.012	1.018	1.022	1.025	1.025
46.	0.954	0.961	0.969	0.977	0.985	0.993	1.001	1.009	1.016	1.022	1.026	1.029	1.030
48.	0.954	0.961	0.969	0.977	0.986	0.994	1.003	1.011	1.018	1.025	1.029	1.032	1.033
50.	0.953	0.961	0.969	0.977	0.986	0.995	1.004	1.012	1.019	1.025	1.030	1.033	1.034

ROOM HEIGHT 70.0 DETECTOR HEIGHT 30.0 CEILING STRENGTH 0.3

X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	1.014	0.989	0.967	0.947	0.928	0.912	0.899	0.887	0.878	0.870	0.865	0.862	0.861
2.	1.021	0.997	0.975	0.955	0.937	0.921	0.908	0.896	0.887	0.880	0.875	0.872	0.871
4.	1.026	1.002	0.981	0.961	0.944	0.928	0.915	0.904	0.895	0.888	0.883	0.880	0.879
6.	1.028	1.006	0.985	0.966	0.949	0.934	0.922	0.911	0.902	0.896	0.891	0.888	0.887
8.	1.029	1.007	0.987	0.970	0.954	0.939	0.927	0.917	0.909	0.902	0.898	0.895	0.894
10.	1.027	1.007	0.988	0.972	0.957	0.943	0.932	0.923	0.915	0.909	0.904	0.902	0.901
12.	1.024	1.005	0.988	0.973	0.959	0.947	0.936	0.927	0.920	0.914	0.910	0.908	0.907
14.	1.020	1.003	0.987	0.973	0.960	0.949	0.940	0.931	0.925	0.920	0.916	0.914	0.913
16.	1.014	0.999	0.985	0.973	0.961	0.951	0.943	0.935	0.929	0.925	0.922	0.920	0.919
18.	1.008	0.995	0.983	0.972	0.962	0.953	0.945	0.939	0.934	0.930	0.927	0.925	0.925
20.	1.002	0.990	0.980	0.970	0.962	0.954	0.948	0.943	0.938	0.935	0.933	0.931	0.931
22.	0.995	0.986	0.977	0.969	0.962	0.956	0.951	0.946	0.943	0.940	0.938	0.937	0.937
24.	0.989	0.981	0.974	0.968	0.962	0.957	0.953	0.950	0.947	0.945	0.944	0.943	0.943
26.	0.982	0.977	0.971	0.967	0.962	0.959	0.956	0.954	0.952	0.951	0.950	0.949	0.949
28.	0.977	0.972	0.969	0.966	0.963	0.961	0.959	0.958	0.957	0.957	0.956	0.956	0.956
30.	0.971	0.969	0.967	0.965	0.964	0.963	0.963	0.962	0.962	0.963	0.963	0.963	0.963
32.	0.967	0.966	0.965	0.965	0.965	0.966	0.966	0.967	0.968	0.969	0.970	0.970	0.970
34.	0.962	0.963	0.964	0.965	0.967	0.968	0.970	0.972	0.974	0.975	0.976	0.977	0.978
36.	0.959	0.961	0.963	0.965	0.968	0.971	0.974	0.977	0.980	0.982	0.983	0.985	0.985
38.	0.956	0.959	0.963	0.966	0.970	0.974	0.978	0.982	0.985	0.988	0.990	0.992	0.992
40.	0.954	0.958	0.962	0.967	0.972	0.977	0.982	0.986	0.990	0.994	0.997	0.998	0.999
42.	0.952	0.957	0.962	0.968	0.974	0.980	0.985	0.990	0.995	0.999	1.002	1.004	1.005
44.	0.951	0.957	0.963	0.969	0.975	0.982	0.988	0.994	0.999	1.004	1.007	1.009	1.010
46.	0.950	0.956	0.963	0.970	0.976	0.983	0.990	0.997	1.002	1.007	1.011	1.013	1.014
48.	0.949	0.956	0.963	0.970	0.977	0.985	0.992	0.998	1.004	1.009	1.013	1.015	1.016
50.	0.949	0.956	0.963	0.970	0.978	0.985	0.992	0.999	1.005	1.010	1.014	1.016	1.017

ROOM HEIGHT 70.0 DETECTOR HEIGHT 32.0 CEILING STRENGTH 0.3

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	1.248	1.252	1.249	1.240	1.226	1.208	1.187	1.162	1.137	1.110	1.083	1.056	1.030
2.	1.252	1.255	1.252	1.244	1.230	1.213	1.191	1.168	1.142	1.116	1.089	1.063	1.037
4.	1.249	1.252	1.250	1.242	1.229	1.212	1.191	1.168	1.144	1.118	1.092	1.067	1.042
6.	1.240	1.244	1.242	1.235	1.223	1.206	1.187	1.165	1.141	1.117	1.092	1.067	1.044
8.	1.226	1.230	1.229	1.223	1.212	1.197	1.178	1.158	1.136	1.112	1.089	1.066	1.043
10.	1.208	1.213	1.212	1.206	1.197	1.183	1.166	1.147	1.127	1.105	1.084	1.062	1.041
12.	1.187	1.191	1.191	1.187	1.178	1.166	1.152	1.134	1.116	1.096	1.076	1.056	1.037
14.	1.162	1.168	1.168	1.165	1.158	1.147	1.134	1.119	1.102	1.085	1.067	1.049	1.031
16.	1.137	1.142	1.144	1.141	1.136	1.127	1.116	1.102	1.088	1.072	1.056	1.040	1.024
18.	1.110	1.116	1.118	1.117	1.112	1.105	1.096	1.085	1.072	1.059	1.045	1.031	1.017
20.	1.083	1.089	1.092	1.092	1.089	1.084	1.076	1.067	1.056	1.045	1.033	1.021	1.009
22.	1.056	1.063	1.067	1.067	1.066	1.062	1.056	1.049	1.040	1.031	1.021	1.011	1.001
24.	1.030	1.037	1.042	1.044	1.043	1.041	1.037	1.031	1.024	1.017	1.009	1.001	0.993
26.	1.006	1.013	1.018	1.021	1.022	1.021	1.018	1.014	1.009	1.004	0.998	0.991	0.985
28.	0.983	0.991	0.996	1.000	1.002	1.002	1.000	0.998	0.995	0.991	0.987	0.982	0.978
30.	0.962	0.970	0.976	0.980	0.983	0.984	0.984	0.983	0.982	0.979	0.977	0.974	0.971
32.	0.943	0.951	0.957	0.962	0.966	0.968	0.969	0.970	0.969	0.969	0.968	0.966	0.965
34.	0.925	0.934	0.941	0.946	0.950	0.954	0.956	0.958	0.959	0.959	0.959	0.959	0.960
36.	0.910	0.919	0.926	0.932	0.937	0.941	0.944	0.947	0.949	0.951	0.952	0.953	0.955
38.	0.897	0.905	0.913	0.920	0.925	0.930	0.934	0.938	0.941	0.943	0.946	0.948	0.951
40.	0.886	0.894	0.902	0.909	0.915	0.921	0.926	0.930	0.934	0.937	0.941	0.944	0.948
42.	0.876	0.886	0.894	0.901	0.907	0.913	0.919	0.923	0.928	0.932	0.936	0.941	0.945
44.	0.869	0.879	0.887	0.894	0.901	0.907	0.913	0.918	0.923	0.928	0.933	0.938	0.943
46.	0.864	0.874	0.882	0.890	0.897	0.903	0.909	0.915	0.920	0.926	0.931	0.936	0.941
48.	0.861	0.871	0.879	0.887	0.894	0.901	0.907	0.913	0.918	0.924	0.929	0.935	0.941
50.	0.860	0.870	0.878	0.886	0.893	0.900	0.906	0.912	0.918	0.923	0.929	0.935	0.940

ROOM HEIGHT 70.0 DETECTOR HEIGHT 34.0 CEILING STRENGTH 0.3

X/Y	0.	2.	4.	6.	8.	10.	12.	14.	16.	18.	20.	22.	24.
0.	1.230	1.234	1.231	1.224	1.211	1.194	1.174	1.152	1.127	1.102	1.076	1.051	1.026
2.	1.234	1.237	1.235	1.228	1.215	1.199	1.179	1.157	1.133	1.108	1.082	1.057	1.033
4.	1.231	1.235	1.233	1.226	1.214	1.199	1.180	1.158	1.135	1.110	1.085	1.061	1.037
6.	1.224	1.228	1.226	1.220	1.209	1.194	1.176	1.155	1.133	1.109	1.086	1.062	1.039
8.	1.211	1.215	1.214	1.209	1.199	1.185	1.168	1.149	1.128	1.105	1.083	1.061	1.039
10.	1.194	1.199	1.199	1.194	1.185	1.172	1.157	1.139	1.119	1.099	1.078	1.057	1.037
12.	1.174	1.179	1.180	1.176	1.168	1.157	1.143	1.127	1.109	1.090	1.071	1.052	1.033
14.	1.152	1.157	1.158	1.155	1.149	1.139	1.127	1.112	1.096	1.079	1.062	1.045	1.028
16.	1.127	1.133	1.135	1.133	1.128	1.119	1.109	1.096	1.082	1.068	1.052	1.037	1.021
18.	1.102	1.108	1.110	1.109	1.105	1.099	1.090	1.079	1.068	1.055	1.041	1.028	1.014
20.	1.076	1.082	1.085	1.086	1.083	1.078	1.071	1.062	1.052	1.041	1.030	1.018	1.007
22.	1.051	1.057	1.061	1.062	1.061	1.057	1.052	1.045	1.037	1.028	1.018	1.008	0.999
24.	1.026	1.033	1.037	1.039	1.039	1.037	1.033	1.028	1.021	1.014	1.007	0.999	0.991
26.	1.002	1.009	1.014	1.017	1.018	1.017	1.015	1.011	1.007	1.001	0.996	0.990	0.984
28.	0.980	0.987	0.993	0.997	0.999	0.999	0.998	0.996	0.993	0.989	0.985	0.981	0.976
30.	0.959	0.967	0.973	0.978	0.981	0.982	0.982	0.981	0.980	0.978	0.975	0.972	0.970
32.	0.941	0.949	0.955	0.960	0.964	0.966	0.968	0.968	0.968	0.967	0.966	0.965	0.964
34.	0.924	0.932	0.939	0.945	0.949	0.952	0.955	0.956	0.957	0.958	0.958	0.958	0.958
36.	0.909	0.917	0.925	0.931	0.936	0.940	0.943	0.946	0.948	0.950	0.951	0.952	0.954
38.	0.896	0.904	0.912	0.919	0.924	0.929	0.933	0.937	0.940	0.942	0.945	0.947	0.950
40.	0.885	0.894	0.902	0.909	0.915	0.920	0.925	0.929	0.933	0.936	0.940	0.943	0.946
42.	0.876	0.885	0.893	0.900	0.907	0.913	0.918	0.923	0.927	0.931	0.935	0.940	0.944
44.	0.869	0.878	0.886	0.894	0.901	0.907	0.913	0.918	0.923	0.928	0.932	0.937	0.942
46.	0.864	0.873	0.882	0.889	0.896	0.903	0.909	0.914	0.920	0.925	0.930	0.935	0.940
48.	0.861	0.870	0.879	0.887	0.894	0.900	0.906	0.912	0.918	0.923	0.929	0.934	0.939
50.	0.860	0.869	0.878	0.886	0.893	0.899	0.906	0.912	0.917	0.923	0.928	0.934	0.939

ROOM HEIGHT			70.0		DETECTOR HEIGHT			32.0		CEILING STRENGTH			0.3
X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	1.006	0.983	0.962	0.943	0.925	0.910	0.897	0.886	0.876	0.869	0.864	0.861	0.860
2.	1.013	0.991	0.970	0.951	0.934	0.919	0.905	0.894	0.886	0.879	0.874	0.871	0.870
4.	1.018	0.996	0.976	0.957	0.941	0.926	0.913	0.902	0.894	0.887	0.882	0.879	0.878
6.	1.021	1.000	0.980	0.962	0.946	0.932	0.920	0.909	0.901	0.896	0.890	0.887	0.886
8.	1.022	1.002	0.983	0.966	0.950	0.937	0.925	0.915	0.907	0.901	0.897	0.894	0.893
10.	1.021	1.002	0.984	0.968	0.954	0.941	0.930	0.921	0.913	0.907	0.903	0.901	0.900
12.	1.018	1.000	0.984	0.969	0.956	0.944	0.934	0.926	0.919	0.913	0.909	0.907	0.906
14.	1.014	0.998	0.983	0.970	0.958	0.947	0.938	0.930	0.923	0.918	0.915	0.913	0.912
16.	1.009	0.995	0.982	0.969	0.959	0.949	0.941	0.934	0.928	0.923	0.920	0.918	0.918
18.	1.004	0.991	0.979	0.969	0.959	0.951	0.943	0.937	0.932	0.928	0.926	0.924	0.923
20.	0.998	0.987	0.977	0.968	0.959	0.952	0.946	0.941	0.936	0.933	0.931	0.929	0.929
22.	0.991	0.982	0.974	0.966	0.959	0.953	0.948	0.944	0.941	0.938	0.936	0.935	0.935
24.	0.985	0.978	0.971	0.965	0.960	0.955	0.951	0.948	0.945	0.943	0.941	0.941	0.940
26.	0.979	0.974	0.968	0.964	0.960	0.956	0.953	0.951	0.949	0.948	0.947	0.946	0.946
28.	0.974	0.970	0.966	0.963	0.960	0.958	0.956	0.955	0.954	0.953	0.953	0.953	0.952
30.	0.968	0.966	0.964	0.962	0.961	0.960	0.959	0.959	0.959	0.959	0.959	0.959	0.959
32.	0.964	0.963	0.962	0.962	0.962	0.962	0.963	0.963	0.964	0.964	0.965	0.965	0.965
34.	0.960	0.960	0.961	0.962	0.963	0.964	0.966	0.967	0.969	0.970	0.971	0.972	0.972
36.	0.956	0.958	0.960	0.962	0.964	0.967	0.969	0.972	0.974	0.976	0.977	0.978	0.978
38.	0.953	0.956	0.959	0.963	0.966	0.969	0.973	0.976	0.979	0.981	0.983	0.984	0.985
40.	0.951	0.955	0.959	0.963	0.967	0.972	0.976	0.980	0.983	0.986	0.989	0.990	0.991
42.	0.949	0.954	0.959	0.964	0.969	0.974	0.979	0.983	0.988	0.991	0.994	0.995	0.996
44.	0.948	0.953	0.959	0.964	0.970	0.976	0.981	0.986	0.991	0.995	0.998	0.999	1.000
46.	0.947	0.953	0.959	0.965	0.971	0.977	0.983	0.989	0.994	0.998	1.001	1.003	1.003
48.	0.946	0.953	0.959	0.965	0.972	0.978	0.984	0.990	0.995	0.999	1.003	1.005	1.005
50.	0.946	0.952	0.959	0.965	0.972	0.978	0.985	0.991	0.996	1.000	1.003	1.005	1.006

ROOM HEIGHT			70.0		DETECTOR HEIGHT			34.0		CEILING STRENGTH			0.3
X/Y	26.	28.	30.	32.	34.	36.	38.	40.	42.	44.	46.	48.	50.
0.	1.002	0.980	0.959	0.941	0.924	0.909	0.896	0.885	0.876	0.869	0.864	0.861	0.860
2.	1.009	0.987	0.967	0.949	0.932	0.917	0.904	0.894	0.885	0.878	0.873	0.870	0.869
4.	1.014	0.993	0.973	0.955	0.939	0.925	0.912	0.902	0.893	0.886	0.882	0.879	0.878
6.	1.017	0.997	0.978	0.960	0.945	0.931	0.919	0.909	0.900	0.894	0.889	0.887	0.886
8.	1.018	0.999	0.981	0.964	0.949	0.936	0.924	0.915	0.907	0.901	0.896	0.894	0.893
10.	1.017	0.999	0.982	0.966	0.952	0.940	0.929	0.920	0.913	0.907	0.903	0.900	0.899
12.	1.015	0.998	0.982	0.968	0.955	0.943	0.933	0.925	0.918	0.913	0.909	0.906	0.906
14.	1.011	0.996	0.981	0.968	0.956	0.946	0.937	0.929	0.923	0.918	0.914	0.912	0.912
16.	1.007	0.993	0.980	0.968	0.957	0.948	0.940	0.933	0.927	0.923	0.920	0.918	0.917
18.	1.001	0.989	0.978	0.967	0.958	0.950	0.942	0.936	0.931	0.928	0.925	0.923	0.923
20.	0.996	0.985	0.975	0.966	0.958	0.951	0.945	0.940	0.935	0.932	0.930	0.929	0.928
22.	0.990	0.981	0.972	0.965	0.958	0.952	0.947	0.943	0.940	0.937	0.935	0.934	0.934
24.	0.984	0.976	0.970	0.964	0.958	0.954	0.950	0.946	0.944	0.942	0.940	0.939	0.939
26.	0.978	0.972	0.967	0.963	0.959	0.955	0.952	0.950	0.948	0.947	0.946	0.945	0.945
28.	0.972	0.968	0.965	0.962	0.959	0.957	0.955	0.953	0.952	0.952	0.951	0.951	0.951
30.	0.967	0.965	0.963	0.961	0.959	0.958	0.958	0.957	0.957	0.957	0.957	0.957	0.957
32.	0.963	0.962	0.961	0.960	0.960	0.960	0.961	0.961	0.962	0.962	0.963	0.963	0.963
34.	0.959	0.959	0.959	0.960	0.961	0.963	0.964	0.965	0.966	0.968	0.968	0.969	0.969
36.	0.955	0.957	0.958	0.960	0.963	0.965	0.967	0.969	0.971	0.973	0.974	0.975	0.975
38.	0.952	0.955	0.958	0.961	0.964	0.967	0.970	0.973	0.976	0.978	0.980	0.981	0.981
40.	0.950	0.953	0.957	0.961	0.965	0.969	0.973	0.977	0.980	0.983	0.985	0.986	0.986
42.	0.948	0.952	0.957	0.962	0.966	0.971	0.976	0.980	0.984	0.987	0.989	0.991	0.991
44.	0.947	0.952	0.957	0.962	0.968	0.973	0.978	0.983	0.987	0.990	0.993	0.995	0.995
46.	0.946	0.951	0.957	0.963	0.968	0.974	0.980	0.985	0.989	0.993	0.996	0.998	0.998
48.	0.945	0.951	0.957	0.963	0.969	0.975	0.981	0.986	0.991	0.995	0.998	0.999	1.000
50.	0.945	0.951	0.957	0.963	0.969	0.975	0.981	0.986	0.991	0.995	0.998	1.000	1.001