NASA Reference Publication 1119

May 1984

Far Infrared Supplement: Catalog of Infrared Observations

Daniel Y. Gezari,
Marion Schmitz,
and Jaylee M. Mead

First Edition

NASA

ABBREVIATIONS FOR PUBLISHED FLUX UNITS

A = normalized magnitude

B = 11^{-19} W $m^{-2}Hz^{-1}Sr^{-1}$

C = magnitude, derived from color

D = diameter measurement

E = erg $sec^{-1}cm^{-2}Sr^{-1}$

F = 10^{-16} W cm^{-2} μm^{-1}

G = 10^{-14} ergs $sec^{-1}cm^{-2}$

H = log(ergs $sec^{-1}cm^{-2}Hz^{-1}$)

I = 10^{-9} W cm^{-2} $\mu m^{-1}Sr^{-1}$

J = 10^{-26} W $m^{-2}Hz^{-1}$ = 1 Jansky

K = log(10^{-26} W $m^{-2}Hz^{-1}$)

L = log (W $m^{-2}Hz^{-1}$)

M = magnitude

N = log(ergs $sec^{-1}cm^{-2}$ μ^{-1})

P = polarization data

Q = log (10^{-3} Jansky)

R = log (W cm^{-2} μm^{-1})

S = spectral data

T = -2.5 log(ergs $sec^{-1}cm^{-2}Hz^{-1}$) $-$ 48.60

U = upper limit

V = variable

W = 10^{-14} W m^{-2}

X = 10^{-18} W cm^{-2}

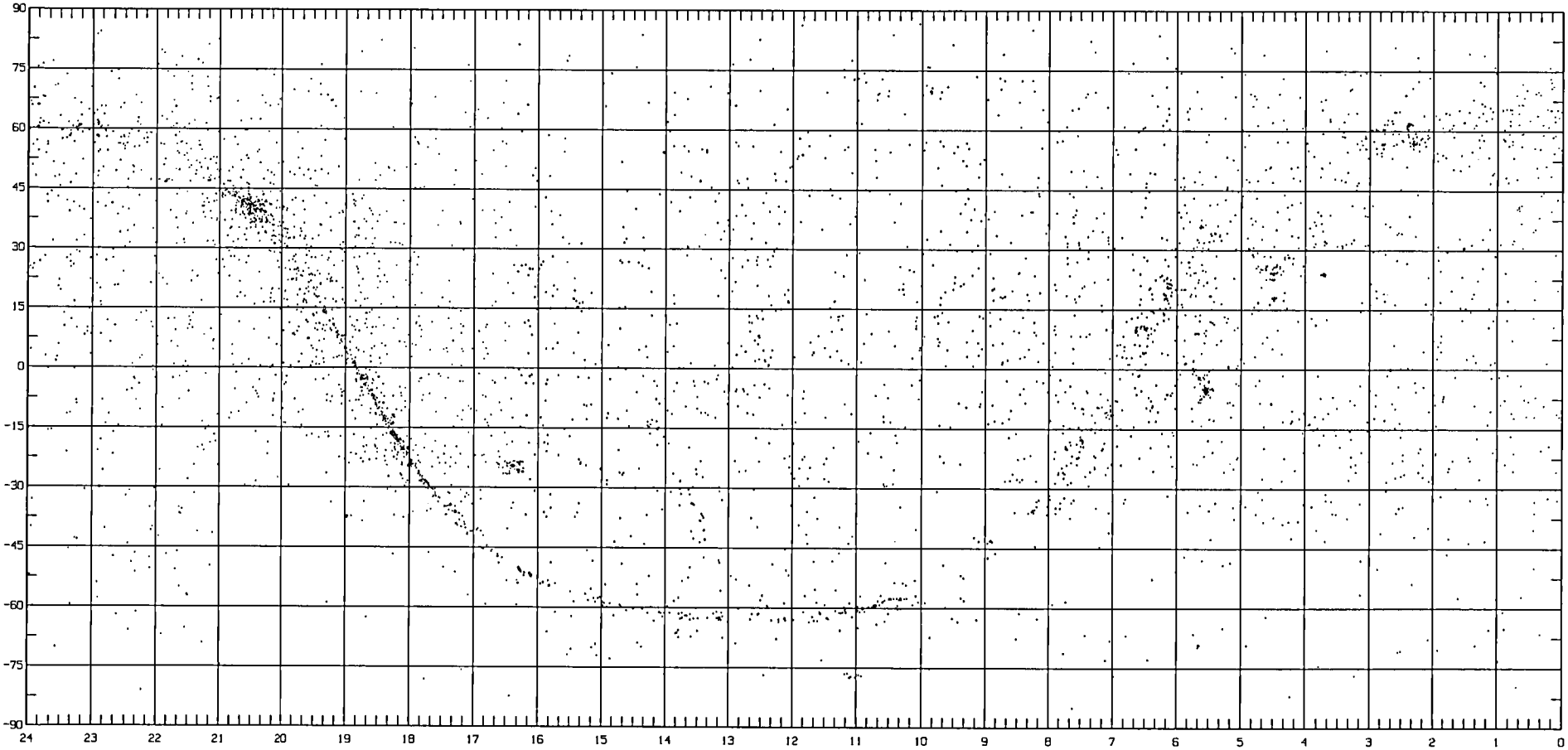
Y = relative line intensity

Z = 10^{-21} W cm^{-2} $\mu m^{-1}arcsec^{-2}$

KNOWN IR SOURCES (>5 MICRONS)-CATALOG OF INFRARED OBSERVATIONS

D.GEZARI. M.SCHMITZ. J.MEAD - OCTOBER 1983

NASA/GODDARD SPACE FLIGHT CENTER



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Far Infrared Supplement: Catalog of Infrared Observations

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First Edition

NASA
National Aeronautics
and Space Administration

Scientific and Technical Information Branch

SPECIAL INSTRUCTIONS: FAR INFRARED SUPPLEMENT

This edition of the Far Infrared Supplement contains a subset of the data summarized in the *Catalog of Infrared Observations.* Please note the following characteristics and limitations of the Supplement:

1) The supplement lists all observations at wavelengths greater than or equal to 5 microns, thus eliminating the majority of visible stars from the catalog listings. This allows the far infrared researcher to more easily locate objects of particular interest.

2) Objects listed in the supplement may also have been observed at wavelengths less than 5 microns. Consult the full Catalog of Infrared Observations for additional near infrared observations.

3) This does not contain the alphabetical *Index of Infrared Source Positions* or *Bibliography of Infrared Astronomical Literature.* Please refer to the Catalog of Infrared Observations for this information.

Bear in mind the limitations of the full *Catalog of Infrared Observations:*

4) Sky coverage is not uniform, since the catalog contains a mixture of sky surveys, region surveys, and thousands of individual source observations.

5) Observational results are presented in their original published form. No attempt has been made to create a single system of infrared photometric units, or to eliminate redundant observations. This kind of interpretation is more appropriately the responsibility of the individual researcher.

6) The catalog is only as accurate as the published results from which it was constructed.

The user of this supplement must therefore approach it with the same kind of professional skepticism which would be applied to the original journal articles. Inquiries and comments regarding the contents of the supplement, and requests for copies of the catalog and data base in printed, microfiche, or magnetic tape form should be directed to:

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SUMMARY OF CONTENTS

CATALOG OF INFRARED OBSERVATIONS INCLUDING: BIBLIOGRAPHY OF INFRARED ASTRONOMY AND INDEX OF INFRARED SOURCE POSITIONS

Daniel Y. Gezari
Marion Schmitz
Jaylee M. Mead

INTRODUCTION

The *Catalog of Infrared Observations,* and the data base from which it is constructed, comprise a machine-readable library of infrared (1 μm -1000 μm) astronomical observations published in the scientific literature from 1965 nthrough 1982. The infrared astronomical data base, maintained at NASA/Goddard Space Flight Center, contains infrared observational data for astronomical sources outside the solar system constructed through a search of the most active scientific journals, infrared surveys and catalogs (see Table 1). Journal articles are screened manually and cross-checked with the NASA/GSFC library RECON computer search system and the Astronomy and Astrophysics Abstracts under applicable keywords.

The current extent of the literature search is summarized in Table 1. To date, over 1,700 journal articles and 10 major survey catalogs have been included in this data base, which contains over 85,000 individual observations of about 10,000 different infrared sources. Of these, some 8,000 sources are identifiable with visible objects, and about 2,000 do not have known visible counterparts.

The *Index of Infrared Source Positions,* located at the back of this catalog, is an index of infrared source positions listed alphabetically by source name. Thus, the celestial position of a source can be found, and it can be quickly located in the Catalog. The nominal non-infrared positions appear in this atlas when articles do not specify positions. The nominal positions are usually the best available, but not necessarily the true infrared positions in every case. The nominal position reference is indicated in these cases.

The *Bibliography of Infrared Astronomy* links observations in the Catalog with the original articles published in the astronomical literature. Over 1,700 infrared journal articles and other references are listed in this appendix. The Bibliography is arranged both chronologically by reference number and alphabetically by first author. It contains the authors' names, journal name or document number, volume, page, and full title. The alphabetical sort of the Bibliography follows the chronological Bibliography listings in this volume.

The data base is processed with the Goddard IBM S-3081 computer. A magnetic tape library contains all of the observational data, bibliographic reference information, object name aliases, and stellar catalogs (for supplementary position determinations). A library of FORTRAN language programs (used to access and process the data) and a file of journal article photocopies are maintained as part of the data base.

TABLE 1: LITERATURE INCLUDED IN THE DATA BASE

The Catalog contains observational data obtained from a search of the following infrared catalogs and scientific journals for the years 1965-1982. The number of articles in each journal containing infrared astronomical data is indicated.

Infrared Catalogs:

Caltech Two-micron Sky Survey (690001)
Air Force Geophysical Laboratory Four-Color Infrared Sky Survey (760913)
AFGL Four-Color Infrared Sky Survey Supplemental Catalog (770706)
Equatorial Infrared Catalog (780604)
Catalog of 10 μm Celestial Objects (740903)
Far Infrared Sky Survey Experiment (830201)

Scientific Journals Searched (1965 - 1982 complete):

131	Astronomical Journal (A. J.)
171	Astronomy and Astrophysics (Astr. & Ap.)
12	Astronomy and Astrophysics Supplement (Astr. & Ap. Suppl.)
592	Astrophysical Journal (Ap. J.)
353	Astrophysical Journal Letters (Ap. J. Letters)
22	Astrophysical Journal Supplement Series (Ap. J. Suppl.)
21	Astrophysical Letters (Ap. Letters)
9	Astrofizika
12	Communications of the Lunar and Planetary Laboratory (Comm. L.P.L.)
1	Earth and Extraterrestrial Sciences (Earth and Ext. Sci.)
56	I. A. U. Circulars (I.A.U. Circ.)
204	Monthly Notices of the Royal Astronomical Society (M.N.R.A.S.)
63	Nature and Nature Physical Sciences
8	Observatory
3	Proceedings of the Astronomical Society of Australia (Proc. A.S.A.)
26	Publications of the Astronomical Society of Japan (P.A.S.J.)
101	Publications of the Astronomical Society of the Pacific (P.A.S.P.)
33	Soviet Astronomy (Sov. Ast.)
14	Soviet Astronomy Letters (Sov. Ast. Letters)

Other Journals Searched (all years not complete):

Astrophysics and Space Sciences (Ap. and Sp. Sci.)
Chinese Astronomy (Chi. Ast.)
Comments on Astrophysics (Comm. on Ap.)
Memoirs of the Royal Astronomical Society (Mem. R. A. S.)
Science
Tokyo Astronomical Bulletin (Tokyo Ast. Bul.)

FORMAT AND CONTENTS OF THE CATALOG

SOURCE NAME - "NAME"

Frequently, an astronomical source is listed by several different names in the catalog, since the observations are entered "as given" by the original authors. In general, source names should be given secondary importance when searching the catalog listings. Positions should be given highest priority. All source names and positions are cross-referenced in the *Index of Infrared Source Positions* at the back of this volume. The source names are abbreviated (see Tables 3, 4, and 5), and in a few cases the names had to be augmented by the editors (for example, when the original author assigns the source a number but no identifying prefix).

Source names are frequently composed of a catalog name abbreviation and some identifying number. A list of commonly used abbreviations and their meanings is given in Table 3.

POSITION - "RA (1950) DEC"

The accuracy of the positional data in the catalog reflects the nature of the original data published in the scientific literature. In addition, an alarming number of infrared observations were published by the original author without specifying the source position. This is ture primarily for visible sources with well documented positions. In such cases, a "nominal" source position is entered in the POSITION field by the editors, and the POS REF column shows the reference from which this supplementary position was obtained. When authors omit specific source positions from their articles, they must presume that the position is common knowledge, to be found in the appropriate standard catalog.

When no position is available to the editors, all such entries are sorted alphabetically by source name and are listed at the end of the catalog.

WAVELENGTH - "$\lambda(\mu)$"

The wavelengths of the observation is given in units of microns. Catalog entries having the same celestial position are listed in order of increasing wavelength. Thus, a rough spectral distribution appears for each well-observed source position. The "WAVE" column data can also be used as a visual indication of when the catalog changes to a new source, since the wavelength listing will "reset" to a lower value.

INFRARED FLUX - "FLUX"

The observed infrared flux is listed in the same units as published by the original authors. The units have been given arbitrary one-letter abbreviations (see Table 2). To protect the integrity of the data base, no attempt has been made to convert the many different units of infrared flux found in the catalog into a more homogeneous system.

TABLE 2: ABBREVIATIONS FOR PUBLISHED FLUX UNITS

18*	A	= normalized magnitude
6	B	= 10^{-19} W $m^{-2}Hz^{-1}Sr^{-1}$
158	C	= magnitude, derived from color
19	D	= diameter measurement
12	E	= erg $sec^{-1}cm^{-2}Sr^{-1}$
62	F	= 10^{-16} W cm^{-2} μm^{-1}
28	G	= 10^{-14} ergs $sec^{-1}cm^{-2}$
5	H	= log(ergs $sec^{-1}cm^{-2}Hz^{-1}$)
9	I	= 10^{-9} W cm^{-2} $\mu m^{-1}Sr^{-1}$
284	J	= 10^{-26} W $m^{-2}Hz^{-1}$ = 1 Jansky
3	K	= log(10^{-26} W $m^{-2}Hz^{-1}$)
9	L	= log (W $m^{-2}Hz^{-1}$)
722	M	= magnitude
4	N	= log(ergs $sec^{-1}cm^{-2}$ μm^{-1})
83	P	= polarization data
1	Q	= log (10^{-3} Jansky)
6	R	= log (W cm^{-2} μm^{-1})
557	S	= spectral data
4	T	= -2.5 log(ergs $sec^{-1}cm^{-2}Hz^{-1}$) $-$ 48.60
	U	= upper limit
	V	= variable
20	W	= 10^{-14} W m^{-2}
68	X	= 10^{-18} W cm^{-2}
4	Y	= relative line intensity
2	Z	= 10^{-219} W cm^{-21} W cm^{-2} μm^{-1}arcsec^{-2}

*This column indicates the total number of journal articles using each unit.

About 95% of the flux observations in the catalog have units of "magnitudes" or "Janskys", or are comments such as "upper limit", "spectrum", etc. An additional 4% of the entries are in a commonly used set of units. The remaining 1% of the entries are in less popular units which are dimensionally equivalent to one of the more commonly used sets (after normalization with an appropriate constant).

MOST COMMONLY USED UNITS	DIMENSIONALLY EQUIVALENT UNITS
M = magnitude	= A, C
J = 10^{-26} W $m^{-2}Hz^{-1}$ = 1 Jansky	= H, K, L, Q, T
X = 10^{-18} W cm^{-2}	= G, W
F = 10^{-16} W cm^{-2} μm^{-1}	= N, R
I = 10^{-9} W cm^{-2} $\mu m^{-1}Sr^{-1}$	= Z
B = 10^{-19} W $m^{-2}Hz^{-1}Sr^{-1}$	
E = ergs $sec^{-1}cm^{-2}Sr^{-1}$	

Magnitude units are relative and the original article should be referred for the appropriate conversion factor. In general, infrared magnitudes are defined so that the flux density of Lyr (10^4 °K blackbody) is 0.0 magnitude at all infrared wavelengths (see Gillett *et al.* (1971), *Ap. J., 164,* 83; Gehrz and Woolf (1971), *Ap. J., 165,* 285).

The following symbols sometimes occur next to the "FLUX" unit column: V = variable, U = upper limit, L = lower limit (detector saturated), and E = Editors determined flux from maps, spectra, or other material in the article presented in non-tabulated form. When spectral data (S) is listed, only the starting wavelength of the spectrum is given in the "WAVE" column.

BEAM SIZE - "BEAM"

The angular beam size of the observation is presented in degrees (D), arc minutes (M) or arc seconds (S). If no beam size information was given in the original reference, a dash (-) is entered. In addition to being a factor in source brightness calculation, the beam size can be used as an aid in determining positional coincidences and identifications with other sources, and as a first-order indication of positional uncertainty.

BIBLIOGRAPHIC REFERENCE - "BIBLIO"

The bibliographic reference number indicates the original journal reference for each observation in the catalog, and is keyed to the *Bibliography of Infrared Astronomical Literature* at the back of this volume. Thus each observation can be quickly traced to its original source.

The bibliographic reference number is made up of the year and month of publication, and a sequential number assigned to the article (for example "790104" is broken down into 79-01-04, where 79 = 1979, 01 = January, and 04 = article #4 in that month).

References used in the data base, but not containing infrared information, have an "89" or "99" as the month of publication. References which do not indicate the month of publication have "00" in the month field.

POSITION REFERENCE - "POS REF"

This column is left blank when the position of the observation was given in the original reference. If the source position was not given by the original authors, which is true in a large number of cases (primarily well known visible sources), a supplementary position was obtained by the editors from visible star catalogs, or from references listed in the Bibliography, and the reference is listed in the "POS REF" column (see abbreviations below). If the source position had to be determined by the editors from source maps or other non-tabular material in the article, the term "ED" (meaning "editors") is listed as the position reference. The six-digit bibliographic reference number is given when the position was obtained from another publication contained in the Infrared Astronomical Data Base.

Supplementary positional references frequently shown in the POS REF column of the catalog include:

AFGL	Air Force Geophysics Laboratory Four-Color Sky Survey (760913, 770706)
AS	Mount Wilson Additional Stars (509901)
CSI	Catalogue of Stellar Identifications - 1979 (719902)
3CR	Third Cambridge Revised Catalog
ED	Editors
GCVS	General Catalogue of Variable Stars (699901)
IC	Index Catalogue (958901)
IRC	Caltech Two-micron Sky Survey (690001)
MCG	Morphological Catalog of Galaxies
MWC	Mount Wilson Catalog (339901, 439901, 499901)
P-K	Catalogue of Galactic Planetary Nebulae (679901)
RA42	Master List of Radio Sources (769905)
RNGC	Revised New General Catalogue (739906)
YALE	Yale Trigonometric Parallax Catalog (639902)
UGC	Uppsala Galaxy Catalog (739908)

ACKNOWLEDGMENTS

The editors are grateful to Dr. Michael Hauser, Dr. Michael Mumma, and Dr. Nancy Boggess for their continuing support of the infrared catalog and data base program. Eileen Munday contributed to the development of the catalog project. We would like to thank Dr. Wayne Warren, Jr. (National Space Science Data Center) and Dr. Theresa Nagy for help in obtaining positional data to supplement the literature search, and for useful discussions regarding data base management procedures. We thank Mr. Sid Nichols of GPO for his expert contribution to the production of this volume. This work is supported by the National Aeronautics and Space Administration, NASA/Goddard Space Flight Center, and NASA contract NAS 5-24350.

TABLE 3: INFRARED SOURCE NAME ABBREVIATIONS

AB	A. Braccesi (689904)
ABELL	Abell (669902)
AFCRL	Air Force Cambridge Research Laboratory Infrared Sky Survey
AFGL	Air Force Geophysics Laboratory Four-Color Sky Survey (760913)
AFGL-S	AFGL Supplement (770706)
AO	Arecibo Occultation
AP	Apriamasvili
ARAK	Arakelian
AS	Mount Wilson Additional Stars (509901)
B	Barnard, Braccesi
BD	Bonner Durchmusterung (598901)
BL	Blanco
BN	Becklin-Neugebauer (670202)
BO	Bochum
BPM	Bruce Proper Motion
BRUN	Brun
BS	Yale Bright Star Catalog (649901)
BW	Bar West (809910)
B2	Bologna
C	Cluster
3C	Third Cambridge Catalog of Radio Sources
4C	Fourth Cambridge Catalog of Radio Sources
CASE	Case Western Reserve
CCS	Cool Carbon Star
CD	Cordoba Durchmusterung (928901)
CED	Cederblad
CIT	California Institute of Technology (661001)
CN	Cannon
CNMY	Cannon and Mayall
CP	Cape Photographic Durchmusterung (968901)
CR	Collinder
CRL	Cambridge Research Laboratory (= AFCRL)
CSS	Catalog of S Stars
CTA	Caltech A
CW	
DK	Demers and Kunkel
DKH	Demers Kunkel and Hardy
DO-AR	Dolidze-Arakelyan (599902)
DR	Downes and Reinhart
EIC	Equatorial Infrared Catalog (780604)
EL	Elias
ESO	European Southern Observatory
F	Fairall
FG	Flemming
FIR	Far Infrared
FIRSSE	Far IR Sky Survey Experiment (830201)

FJM	Furniss Jennings and Moorwood (751202)
G	galactic coordinates, Giclas
GALCEN	Galactic Center
GCS	Galactic Center Source
GMB	
GP	Graham and Phillips
GRB	Gamma Ray Burster
GRW	Greenwich Astrographic Catalog
GS	Grasdalen Strom and Strom
GX	X-Ray Source
H	
H1	Haro (Table #1)
H2	Haro (Table #2)
H-C	Haro-Chavira
HB	Hubble
HBV	Hamburg-Bergedorf Variable
HD	Henry Draper Catalog (189901)
HDE	Henry Draper Catalog Extension (189901)
HE	Henize
HEN	Henize
HFE	Hoffman Frederick and Emery (711201)
H-H	Herbig-Haro
HH	Herbig-Haro
HI	
HM	
HO	Holmberg
HTR	Hyland Thomas and Robinson
HU	Humason
HV	Harvard Variable Star
HZ	Hertzsprung, Humason and Zwicky
IC	Index Catalog
IR	infrared
IRC	Caltech Two-micron Infrared Sky Survey (690001)
IRc	infrared cluster
IRS	infrared source
ISS	Infrared Southern Survey (680802)
J	Jonckheere
K	Kohoutek, Kron
KE	Kesteven
KKH	
KL	Kleinmann-Low
KM	
KS	Knox-Shaw
L	Lynds, Luyten
L1	Lindsay
LALL	Lalande
LB	Luyten Blue

LDS	Luyten Double Star
LF	
LFT	Luyten's Five Tenth's Catalog
LHA	Lick Hα
LHS	Luyten Half Second
LII	Galactic Plane
LKHA	Lick Hα
LMC	Large Magellanic Cloud
LP	Luyten Palomar-Schmidt
LS	Lindsey Smith
LSV	Luminous Stars - Fifth Volume
LTT	Luyten's Two Tenth's Catalog
M	Messier
M1-	Minkowski
MACC	MacConnell
MARK	Markarian
MC	Martin Cohen
MCG	Morphological Catalog of Galaxies
ME	Merrill
MHA	Merrill Hα
MR	Morton Roberts
MSB	Merrill
MSH	Mills Slee and Hill
MT	
MVP	M. V. Penston (730705)
MWC	Mt. Wilson Catalogs (339901, 439901, 499901)
MXB	Massachusetts X-ray Burster
MY	Mayall
MYCN	Mayall and Cannon
MZ	Menzel
N	Nebula
NA	Nassau
NAB	N. A. Bahcall
NGC	New General Catalog
NIS	Near Infrared Source
NP	NRAO Pulsar
OA	Ohio State Catalog
OE	Ohio State Catalog
OH	hydroxyl, Ohio State Catalog
OI	Ohio State Catalog
OJ	Ohio State Catalog
OK	Ohio State Catalog
OL	Ohio State Catalog
OMC	Orion Molecular Cloud
ON	Ohio State Catalog
OO	Oosterhoff
OP	Ohio State Catalog

OQ	Ohio State Catalog
OT	Ohio State Catalot
OV	Ohio State Catalog
OX	Ohio State Catalog
OY	Ohio State Catalog
P	Parenago, Pulsar
PAL	Palomar
PB	Peimbert and Batiz
PC	Peimbert and Costero
PE	Perek
PG	Palomar-Green
PHL	Palomar Haro-Luyten
PKS	Parkes Radio Source Catalog
Q	Quasar
R	Ross
RB	Rood and Baum (679901)
RCW	Rodgers Campbell and Whiteoak (609902)
RG	Reid and Gilmore
RGO	Royal Greenwich Observatory
RNO	Red Nebulous Object
ROA	Royal Observatory Annals (709903)
S	Sharpless (599901)
SA	Selected Area
SAN	Sanduleak
SAO	Smithsonian Astrophysical Observatory
SH2	Sharpless (article #2)
SK	Sanduleak
SLS	South Luminous Stars
SMC	Small Magellanic Cloud
SN	supernova, Shane
SS	Stevenson and Sanduleak
SW	
SWST	Swings and Struve
T	Tonanzintla
TC	Thackeray
TH3	The (article #3)
TON	Tonanzintla
TR	Trumpler
TT	Tonanzintla & Tacubaya
U	Upgren
UCL	University College London
UGC	Uppsala Galaxy Catalog (739908)
UKS	United Kingdom Schmidt
V	
VA	Van Altena
VB	Van Bueren
VBH	Van Den Bergh and Herbst (759902)

VD	Vandervort
VE	Velghe
VM	Van Mannen
VS	Vrba and Strom
VSB	Vasilevskis Sanders and Balz
VV	Vorontsov-Velʹjaminov
VY	Vyssotsky
W	Westerhout
WU	Washington University
YALE	Yale Trigonometric Parallax Catalog (639902)
ZW	Zwicky Catalogs
1E	Einstein Observatory
2A	Ariel V
2S	SAS-3
3C	Third Cambridge Catalog
3CR	Third Cambridge Catalog Revised
3U	Uhuru
4C	Fourth Cambridge Catalog
4U	Uhuru

TABLE 4: GREEK LETTER ABBREVIATIONS

(Greek letter abbreviations are usually found preceeding constellation names in catalog listings)

Catalog Abbreviation	Greek Letter	Name
ALF	α	Alpha
BET	β	Beta
CHI	χ	Chi
DEL	δ	Delta
EPS	ϵ	Epsilon
ETA	η	Eta
GAM	γ	Gamma
IOT	ι	Iota
KAP	κ	Kappa
LAM	λ	Lambda
MUU	μ	Mu
NUU	ν	Nu
OME	ω	Omega
OMI	o	Omicron
PHI	ϕ	Phi
PI	π	Pi
PSI	ψ	Psi
RHO	ρ	Rho
SIG	σ	Sigma
TAU	τ	Tau
THE	θ	Theta
UPS	υ	Upsilon
XI	ξ	Xi
ZET	ζ	Zeta

TABLE 5: CONSTELLATION NAME ABBREVIATIONS

AND	Andromeda	LEO	Leo
ANT	Antlia	LMI	Leo Minor
APS	Apus	LEP	Lepus
AQR	Aquarius	LIB	Libra
AQL	Aquila	LUP	Lupus
ARA	Ara	LYN	Lynx
ARI	Aries	LYR	Lyra
AUR	Auriga	MEN	Mensa
BOO	Bootes	MIC	Microscopium
CAE	Caelum	MON	Monoceros
CAM	Camelopardalis	MUS	Musca
CNC	Cancer	NOR	Norma
CVN	Canes Venatici	OCT	Octans
CMA	Canis Major	OPH	Ophiuchus
CMI	Canis Minor	ORI	Orion
CAP	Capricornus	PAV	Pavo
CAR	Carina	PEG	Pegasus
CAS	Cassiopeia	PER	Perseus
CEN	Centaurus	PHE	Phoenix
CEP	Cepheus	PIC	Pictor
CET	Cetus	PSC	Pisces
CHA	Chamaeleon	PSA	Piscis Austrinus
CIR	Circinus	PUP	Puppis
COL	Columba	PYX	Pyxis
COM	Coma Berenices	RET	Reticulum
CRA	Corona Austrina	SGE	Sagitta
CRB	Corona Borealis	SGR	Sagittarius
CRV	Corvus	SCO	Scorpius
CRT	Crater	SCL	Sculptor
CRU	Crux	SCT	Scutum
CYG	Cygnus	SER	Serpens
DEL	Delphinus	SRT	Serpens Caput
DOR	Dorado	SRD	Serpens Cauda
DRA	Draco	SEX	Sextans
EQU	Equuleus	TAU	Taurus
ERI	Eridanus	TEL	Telescopium
FOR	Fornax	TRI	Triangulum
GEM	Gemini	TRA	Triangulum Australe
GRU	Grus	TUC	Tucana
HER	Hercules	UMA	Ursa Major
HOR	Horologium	UMI	Ursa Minor
HYA	Hydra	VEL	Vela
HYI	Hydrus	VIR	Virgo
IND	Indus	VOL	Volans
LAC	Lacerta	VUL	Vulpecula

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
AFGL 3S	0 00 15	+24 37 12	11.0	−0.9 M	10 M	770706	
"	"	"	19.8	−3.4 M	10 M	"	
AFGL 5	0 00 42	+55 25 06	8.6	−0.8 M	26 S	800213	AFGL
"	"	"	10.7	−1.4 M	26 S	"	"
"	"	"	11.0	−1.4 M	10 M	760913	
"	"	"	12.2	−1.7 M	26 S	800213	AFGL
"	"	"	18	−2.0 M	26 S	"	"
Y CAS	0 00 44.7	+55 23 41	5.0	−14.6 R	-	740401	CSI 79
"	"	"	10.2	−15.3 R	-	"	"
AFGL 4003S	0 01 06	+64 52 42	19.8	−3.1 M	10 M	770706	
AFGL 4004S	0 02 25	−11 50 42	11.0	−1.9 M	10 M	"	
HD 108	0 03 26.7	+63 24 05	10	5.55 M	5 S	811002	CSI 79
AFGL 4005S	0 03 30	+56 03 24	19.8	−3.2 M	10 M	770706	
MARK 335	0 03 45.3	+19 55 30	10.6	0.210 J	-	781209	789906
"	"	"	21	0.350 J	-	"	"
AFGL 4006S	0 04 04	−32 50 30	27.4	−6.3 M	10 M	770706	
AFGL 14	0 04 15	+42 49 12	8.4	−1.6 MV	17 S	800213	AFGL
"	"	"	8.6	−2.4 M	8.5 S	"	"
"	"	"	8.6	−2.0 MV	26 S	"	"
"	"	"	10.7	−3.0 M	8.5 S	"	"
"	"	"	10.7	−3.0 MV	26 S	"	"
"	"	"	11.0	−2.5 M	10 M	760913	
"	"	"	11.2	−2.4 MV	17 S	800213	AFGL
"	"	"	12.2	−3.0 M	8.5 S	"	"
"	"	"	12.2	−2.7 MV	26 S	"	"
"	"	"	12.5	−2.5 MV	17 S	"	"
"	"	"	18	−3.8 M	8.5 S	"	"
"	"	"	19.8	−3.2 M	10 M	760913	
IRC+40004	0 04 17	+42 47 54	5.0	−14.5 RV	-	740401	IRC
"	"	"	8.4	−0.3 CV	-	760610	"
"	"	"	10.2	−14.9 RV	-	740401	"
"	"	"	11.2	−1.1 CV	-	760610	"
"	"	"	12.5	−1.2 CV	-	"	"
CIT 1	0 04 18	+42 48	8.6	−2.1 MV	20 S	741201	661001
"	"	"	10.7	−3.0 MV	20 S	"	"
"	"	"	12.2	−2.8 MV	20 S	"	"
MC 1	0 04 21	+65 21	10	4.88 M	-	761203	
MACC H12	0 04 26	+65 21 55	5.0	4.76 M	-	"	729902
"	"	"	8.4	3.07 M	-	"	"
"	"	"	10	2.42 M	-	"	"
"	"	"	11.1	2.14 M	-	"	"
AFGL 4007S	0 04 43	−11 09 48	11.0	−2.0 M	10 M	770706	
AFGL 17	0 05 11	−25 45 36	11.0	−0.9 M	10 M	760913	
ALF AND	0 05 47.7	+28 48 50	5.0	2.30 M	-	700302	CSI 79
"	"	"	10.2	2.46 M	-	"	"
"	"	"	22.0	1.46 M	-	"	"
BET CAS	0 06 30.2	+58 52 26	5.0	1.22 M	-	"	779907
"	"	"	10	1.202 F	V	660501	"
"	"	"	10.2	1.02 M	-	700302	"
"	"	"	22.0	1.34 M	-	"	"
KN CAS	0 06 58.0	+62 23 23	8.5	3.2 MU	-	700907	779907
"	"	"	11.4	2.8 M	-	"	"
AFGL 22	0 06 59	+63 40 24	11.0	−0.4 M	10 M	760913	
AFGL 24	0 07 38	+54 36 36	19.8	−4.3 M	10 M	"	
III ZW 2	0 07 56.7	+10 41 48	10	1.85 Q	V	790509	809908
"	"	"	10.6	0.044 J	-	781209	"
"	"	"	1000	0.8 J	55 S	821106	"
"	"	"	1000	2.0 J	55 S	810103	"
AFGL 4012S	0 08 09	+71 09 12	11.0	−1.1 M	10 M	770706	
LKHA198 40"W	0 08 41	+58 33 08	100	14 J	37 S	790702	ED
V376 CAS	0 08 43	+58 34 17	8.4	1.38 M	-	791211	GCVS
"	"	"	11.2	0.44 M	-	"	"
"	"	"	12.5	0.10 M	-	"	"
LKHA 198	0 08 44	+58 33 08	8.4	2.47 MV	12 S	760107	771204
"	"	"	8.6	2.1 M	11 S	741108	"
"	"	"	10	3.6 J	6 S	790702	"
"	"	"	11.1	1.31 MV	12 S	760107	"
"	"	"	11.3	1.5 M	11 S	741108	"
"	"	"	18	−0.3 M	11 S	"	"
"	"	"	20	12.1 J	6 S	790702	"
"	"	"	52	80 J	37 S	"	"
"	"	"	100	72 J	37 S	"	"
"	"	"	160	108 J	37 S	"	"
LKHA198 40"E	0 08 47	+58 33 08	100	8.7 J	37 S	"	ED
0010+40	0 10	+40	10.6	.0014 J	5.5 S	821201	ED
AFGL 4015S	0 10 01	+70 42 48	19.8	−3.1 M	10 M	770706	
MACC H10	0 10 13	+65 17 28	10	4.9 MU	-	761203	729902
NGC 40	0 10 16	+72 14 39	10	4.7 MU	4 S	741009	709904
V338 CAS	0 10 29	+48 49 41	8.4	3.3 M	11 S	730005	GCVS
"	"	"	11.0	3.1 M	11 S	"	"
MACC SH15	0 10 43	+65 19	10	4.49 M	-	761203	
MACC H9	0 10 48	+65 19 38	10	5.7 MU	-	"	729902
AFGL 35S	0 11 03	+73 06 00	19.8	−2.8 M	10 M	770706	
AFGL 4018S	0 11 45	+75 48 30	11.0	−0.7 M	10 M	"	
AFGL 38	0 12 01	−19 12 12	11.0	−0.5 M	10 M	760913	
AFGL 39S	0 12 44	+60 57 18	11.0	−0.4 M	10 M	770706	
S SCL	0 12 51.0	−32 19 21	20	−1.80 M	-	821005	CSI 79
AFGL 40	0 12 54	−32 19 12	11.0	−1.4 M	10 M	760913	
MC 4	0 13 58	+65 28	10	5.47 M	-	761203	
AFGL 42	0 14 07	+ 1 36 12	19.8	−3.7 M	10 M	760913	
AO CAS	0 15 03.5	+51 09 19	10.7	0.6 MU	-	730303	779907
AFGL 48	0 16 50	− 9 05 42	19.8	−3.4 M	10 M	760913	
IOT CET	0 16 52.7	− 9 06 01	10.2	−0.44 M	-	700302	CSI 79
AFGL 50	0 17 14	+44 25 24	11.0	−1.1 M	10 M	760913	
IC 10	0 17 41.5	+59 00 52	1670	11.3 JU	1 M	761201	739910
HD 1613	0 17 59.3	+61 36 06	8.6	1.6 M	4 S	750608	CSI 79
"	"	"	11.3	1.6 M	4 S	"	"
AFGL 53	0 19 15	−20 19 42	11.0	−1.7 M	10 M	760913	
AFGL 4028S	0 19 20	+43 53 12	8.6	1.4 MU	26 S	800213	770706
"	"	"	10.7	0.3 MU	26 S	"	"
IRC+40007	0 19 25	+43 52 00	8.6	1.4 MU	-	740705	IRC
"	"	"	10.7	0.3 MU	-	"	"
AFGL 4002	0 20 07	−66 29 12	11.0	−1.7 M	10 M	760913	
AFGL 4029S	0 20 14	+69 07 30	19.8	−3.0 M	10 M	770706	
AFGL 57	0 20 21	+55 31 12	8.4	−2.2 M	11 S	800213	AFGL
"	"	"	8.4	−2.1 M	17 S	"	"
"	"	"	11.0	−2.6 M	10 M	760913	
"	"	"	11.2	−2.9 M	11 S	800213	AFGL
"	"	"	11.2	−2.7 M	17 S	"	"
"	"	"	12.5	−2.9 M	17 S	"	"
T CAS	0 20 31.1	+55 30 56	5.0	−14.1 RV	-	740401	779907
"	"	"	5.0	−1.42 M	-	700302	"
"	"	"	8.4	−2.22 C	-	710203	"
"	"	"	10.2	−14.9 RV	-	740401	"
"	"	"	11	−2.61 M	-	710403	"
"	"	"	11.0	−2.93 C	-	710203	"
"	"	"	20	−3.45 M	9 S	731104	"
AFGL 59	0 21 07	+38 18 12	8.4	−2.6 M	17 S	800213	AFGL
"	"	"	8.6	−2.8 M	26 S	"	"
"	"	"	10.7	−3.5 M	26 S	"	"
"	"	"	11.0	−2.9 M	10 M	760913	
"	"	"	11.2	−3.3 M	17 S	800213	AFGL
"	"	"	12.2	−3.6 M	26 S	"	"
"	"	"	12.5	−3.3 M	17 S	"	"
"	"	"	18	−3.8 M	26 S	"	"
"	"	"	19.8	−3.5 M	10 M	760913	
R AND	0 21 23.0	+38 18 03	5.0	−14.1 RV	-	740401	779907
"	"	"	5.0	−1.39 M	-	700302	"
"	"	"	10.2	−2.60 M	-	"	"
"	"	"	10.2	−14.7 RV	-	740401	"
"	"	"	20	−3.71 M	9 S	731104	"
"	"	"	22.0	−3.06 M	-	700302	"
AFGL 60	0 22 11	+69 52 06	8.6	0.5 M	26 S	800213	AFGL
"	"	"	10.7	−0.3 M	26 S	"	"
"	"	"	11.0	−0.8 M	10 M	760913	
AFGL 63S	0 22 32	+48 33 42	11.0	−0.8 M	10 M	770706	
TYCHO SNR	0 23 03	+63 50 06	100	4 J	1.8 M	800903	
"	"	"	200	10 J	1.8 M	"	
TU CAS	0 23 36.7	+51 00 13	10	4.55 MU	-	741008	779907
AFGL 66	0 24 26	− 6 54 54	11.0	−1.4 M	10 M	760913	
AFGL 67	0 24 29	+69 21 24	8.6	−1.5 MV	26 S	800213	AFGL
"	"	"	10.7	−1.9 MV	26 S	"	"
"	"	"	11.0	−2.1 M	10 M	760913	
"	"	"	12.2	−2.2 MV	26 S	800213	AFGL
"	"	"	18	−2.7 MV	26 S	"	"
NAB 0024+22	0 24 38.4	+22 25 23	1000	1.1 JU	55 S	821106	809908
CRL 67	0 24 47.0	+69 22 16	8.4	360 J	12 S	780106	
"	"	"	10.6	280 J	12 S	"	
"	"	"	11.0	370 J	12 S	"	
AFGL 68	0 24 49	+35 19 06	8.4	0.6 M	11 S	800213	AFGL
"	"	"	11.0	−1.3 M	10 M	760913	
"	"	"	11.2	0.3 M	11 S	800213	AFGL
AQ AND	0 24 52.5	+35 18 40	8.4	0.62 C	-	710203	779907
"	"	"	11.0	0.25 C	-	"	"
AFGL 69S	0 25 12	−36 03 18	11.0	−1.5 M	10 M	770706	
AFGL 70	0 25 15	−33 17 00	11.0	−1.3 M	10 M	760913	
AFGL 4032S	0 25 25	−11 55 36	11.0	−1.7 M	10 M	770706	
AFGL 71	0 25 27	+17 37 18	11.0	−1.2 M	10 M	760913	
"	"	"	19.8	−2.5 M	10 M	"	
AFGL 4033S	0 25 27	−49 52 42	11.0	−1.7 M	10 M	770706	
HU1-1	0 25 30	+55 41 20	10	4.6 MU	11 S	741009	709904
"	"	"	18	0.45 MU	11 S	"	"
AFGL 4035S	0 26 00	−40 13 06	11.0	−1.0 M	10 M	770706	
0026+34	0 26 34.8	+34 39 56	10.6	0.027 JU	6 S	810803	790910
PG 0026+12	0 26 38.1	+12 59 30	10	1.55 Q	V	790509	809908
"	"	"	1000	1.0 JU	55 S	821106	"
KAP CAS	0 30 08.3	+62 39 21	8.7	3.22 M	11 S	740807	CSI 79
HD 2905	"	"	8.7	3.22 M	-	780704	"
KAP CAS	"	"	10	3.55 M	4 S	770504	"
"	"	"	10	3.46 M	11 S	740807	"
HD 2905	"	"	10	3.46 M	-	780704	"
KAP CAS	"	"	11.4	3.92 M	11 S	740807	"
HD 2905	"	"	11.4	3.92 M	-	780704	"
AFGL 4004	0 31 03	− 7 56 00	19.8	−3.2 M	10 M	760913	
AFGL 85	0 32 57	−11 46 00	11.0	−1.5 M	10 M	"	
AFGL 86S	0 33 00	+70 15 00	11.0	−1.0 M	10 M	770706	
AFGL 4040S	0 34 56	− 7 31 36	19.8	−3.5 M	10 M	"	
AFGL 91S	0 35 24	+68 19 00	11.0	0.2 M	10 M	"	
"	"	"	19.8	−4.2 M	10 M	"	
AFGL 92	0 36 11	+59 24 42	8.6	0.5 MU	26 S	800213	AFGL
"	"	"	10.6	0.6 M	26 S	"	"
"	"	"	10.7	0.1 M	26 S	"	"
"	"	"	11.0	−0.6 M	10 M	760913	
IRC+60015	0 36 17	+59 24 00	8.6	0.5 MU	-	740705	IRC
"	"	"	10	0.6 M	-	"	"
"	"	"	10.2	−16.3 R	-	740401	"
"	"	"	10.7	0.1 M	-	740705	"
FIRSSE 1	0 36 26	+66 35 00	93	168 J	10 M	830201	
DEL AND	0 36 38.7	+30 35 14	5.0	−0.34 M	-	700302	CSI 79
"	"	"	10.2	−0.01 M	-	"	"
AFGL 97S	0 36 59	+71 47 48	11.0	−1.2 M	10 M	770706	
AFGL 4006	0 37 20	−57 07 06	11.0	−3.0 M	10 M	760913	
AFGL 99	0 37 31	+59 12 42	11.0	−1.1 M	10 M	"	
FIRSSE 2	0 37 33	+66 39 36	93	73 J	10 M	830201	
NGC 205	0 37 38.7	+41 24 44	10	0.060 J	5.7 S	780305	769909
ALF CAS	0 37 39.3	+56 15 47	5.0	0.36 M	-	700302	CSI 79
"	"	"	10.2	−0.41 M	-	"	"
AFGL 100	0 37 42	+56 16 12	11.0	−0.5 M	10 M	760913	
AFGL 101S	0 37 49	+36 55 42	11.0	−0.8 M	10 M	770706	
AFGL 103S	0 38 07	− 3 57 12	11.0	−2.0 M	10 M	"	
ZW0039.5	0 39 32.3	+40 03 10	10.6	0.013 J	-	781209	789906
NGC 221	0 39 58.0	+40 35 33	10	0.067 J	5.7 S	780305	769909
"	"	"	10	0.089 J	6 S	720901	"
NGC 224	0 40 00.3	+41 00 03	5	0.06 J	5.9 S	780305	769909
"	"	"	5	0.5 JU	-	700306	"
"	"	"	10	0.7 JU	V	"	"
"	"	"	10	0.025 J	5.7 S	780305	"
"	"	"	22	3 JU	V	700306	"
M31	"	"	90	45 JU	50 S	800108	"
NGC 224	"	"	1670	9.0 JU	1 M	761201	"
M31 BA289	0 40 02	+41 00	10	0.036 JU	12 S	741005	RNGC
M31 BA519	"	"	10	0.016 JU	12 S	"	"
BD+61 154	0 40 21.7	+61 38 12	10	2.1 M	-	720404	CSI 79
HD 4004	0 40 28.7	+64 29 17	8.7	4.50 MU	11 S	740907	CSI 79
"	"	"	10.0	4.68 M	11 S	"	"
FIRSSE 3	0 40 39	+66 34 42	93	56 J	10 M	830201	
HD 4174	0 41 52.6	+40 24 21	5.0	2.45 M	-	700302	CSI 79
"	"	"	10.2	2.29 M	-	"	"
"	"	"	22.0	1.85 M	-	"	"
OMI CAS	0 41 55.6	+48 00 38	8.7	4.53 M	11 S	740807	CSI 79
"	"	"	10	5.16 M	11 S	"	"
"	0 41 56	+48 00 27	10	3.63 MV	-	781223	
AFGL 4045S	0 41 58	−79 38 42	19.8	−3.4 M	10 M	770706	
CRL 107	0 42 29	+68 55 36	8.7	0.08 M	11 S	760606	AFGL
"	"	"	10	−0.40 M	11 S	"	"
AFGL 107	"	"	11.0	−1.5 M	10 M	760913	
CRL 107	"	"	11.4	−0.92 M	11 S	760606	AFGL
"	"	"	12.5	−0.79 M	11 S	"	"
"	"	"	19.5	−1.52 M	11 S	"	"
"	"	"	23	−1.33 M	11 S	"	"
AFGL 108	0 43 55.7	+15 12 12	8.4	0.10 M	17 S	790401	
"	"	"	11.2	−0.03 M	17 S	"	
"	"	"	12.5	−0.03 M	17 S	"	
NGC 246	0 44 35.3	−12 09 03	10	4.4 MU	11 S	741009	739909
CIT 2	0 44 36	+32 25	8.6	0.3 MV	20 S	741201	661001
"	"	"	10.7	−0.7 MV	20 S	"	"

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
"	h m s	° ′ ″	12.2	−0.8 MV	20 s	"	"
NGC 247	0 44 39.8	−21 01 58	10	0.099 JU	5.7 s	780305	759903
AFGL 109	0 44 53	+32 25 24	8.6	0.3 MV	26 s	800213	AFGL
"	"	"	10.7	−0.6 MV	26 s	"	"
"	"	"	11.0	−0.5 M	10 M	760913	
"	"	"	12.2	−0.8 MV	26 s	800213	AFGL
AFGL 4053S	0 44 56	+53 15 24	10.7	0.4 MU	26 s	"	770706
"	"	"	19.8	−2.1 M	10 M	770706	
NGC 253	0 45 05.6	−25 33 39	12.8	2.4 X	6 s	790701	
"	0 45 05.7	−25 33 40	5.0	3.2 J	V	750403	ED
"	"	"	5.0	0.37 J	5.5 s	"	"
"	"	"	8.8	3.0 J	5.5 s	"	"
"	"	"	10.3	2.9 J	5.5 s	"	"
"	"	"	10.6	10.5 J	V	"	"
"	"	"	10.6	6.0 J	5.5 s	"	"
"	"	"	11.6	6.6 J	5.5 s	"	"
"	"	"	12.6	11.2 J	5.5 s	"	"
"	"	"	17	23.5 J	5.5 s	"	"
"	"	"	19	28 J	5.5 s	"	"
"	"	"	21	56 J	V	"	"
"	"	"	21	27 J	5.5 s	"	"
"	"	"	22.5	34 J	5.5 s	"	"
"	"	"	24.5	52 J	5.5 s	"	"
"	"	"	34	200 JU	5.5 s	"	"
"	0 45 05.8	−25 33 39	8	S	7 s	750602	
NGC 253 8"NE	0 45 06.0	−25 33 36	5.0	0.14 J	5.5 s	750403	ED
"	"	"	8.8	0.91 J	5.5 s	"	"
"	"	"	10.3	0.46 J	5.5 s	"	"
"	"	"	10.6	1.0 J	5.5 s	"	"
"	"	"	12.6	2.73 J	5.5 s	"	"
"	"	"	21	2.8 J	5.5 s	"	"
"	"	"	22.5	4.0 J	5.5 s	"	"
NGC 253	0 45 07.6	−25 33 39	10	6.2 J	5.7 s	780305	759903
"	"	"	10	6.2 J	6 s	720901	"
"	"	"	41	536 J	50 s	800108	"
"	"	"	58	1151 J	50 s	"	"
"	"	"	86	1292 J	50 s	"	"
"	"	"	100	1000 J	2.2 M	730602	"
"	"	"	151	896 J	50 s	800108	"
"	"	"	350	172 J	63 s	730703	"
"	"	"	540	25 J	83 s	770901	"
"	"	"	1000	3.1 J	55 s	780210	"
"	"	"	1670	8.0 JU	1 M	761201	"
IRC+50015	0 45 19	+53 16 54	10.7	0.4 MU	−	740705	IRC
ETA CAS A	0 46 03.6	+57 33 02	11	1.94 M	−	710403	CSI 79
MARK 348	0 46 04.9	+31 41 04	10.6	0.300 J	−	781209	789906
AFGL 111	0 46 05.1	+ 7 18 48	8.4	0.83 M	17 s	790401	
"	"	"	11.2	0.66 M	17 s	"	
"	"	"	12.5	0.80 M	17 s	"	
AFGL 112S	0 46 13	+57 31 30	11.0	−0.7 M	10 M	770706	
AFGL 113	0 46 18.9	+56 48 10	8.4	2.05 M	17 s	790401	
"	"	"	11.2	1.98 M	17 s	"	
FIRSSE 4	0 46 44	+65 26 06	27	145 J	10 M	830201	
"	"	"	93	169 J	10 M	"	
AFGL 4054S	0 46 53	−10 54 42	19.8	−3.1 M	10 M	770706	
AFGL 114S	0 46 56	+64 27 12	11.0	−0.7 M	10 M	"	
AFGL 115	0 47 25	−16 45 00	19.8	−3.3 M	10 M	760913	
HD 4817	0 48 15.9	+61 32 01	8.7	1.39 M	−	741105	CSI 79
"	"	"	10.0	1.34 M	−	"	"
"	"	"	11.4	1.27 M	−	"	"
"	"	"	12.6	1.23 M	−	"	"
AFGL 116	0 48 22	+62 38 54	8.6	0.6 M	26 s	800213	AFGL
"	"	"	10.7	−0.2 M	26 s	"	"
"	"	"	12.2	0.2 M	26 s	"	"
AFGL 117	0 48 25	+61 32 54	8.6	1.6 M	26 s	"	AFGL
"	"	"	10.7	0.8 M	26 s	"	"
"	"	"	12.2	0.6 M	26 s	"	"
"	"	"	19.8	−3.2 M	10 M	760913	
FIRSSE 5	0 48 28	+65 31 48	93	188 J	10 M	830201	
AFGL 120	0 49 01.8	+59 18 06	8.4	1.58 M	17 s	790401	
"	"	"	11.2	1.46 M	17 s	"	
NGC 281	0 49 26.2	+56 17 48	46	166 J	30 s	810606	
"	"	"	56	373 J	50 s	"	
"	"	"	86	757 J	30 s	"	
"	"	"	136	704 J	50 s	"	
AFGL 122	0 49 53	+47 08 36	8.4	0.75 M	17 s	790401	
"	"	"	11.2	−0.21 M	17 s	"	
"	"	"	12.5	−0.12 M	17 s	"	
"	0 49 55	+47 08 18	11.0	−1.1 M	10 M	760913	
AFGL 124	0 50 26	+17 15 42	8.4	0.6 M	17 s	800213	AFGL
"	"	"	11.2	0.3 M	17 s	"	"
"	"	"	12.5	0.1 M	17 s	"	"
AFGL 123	0 50 27.0	− 1 24 56	8.4	0.99 M	17 s	790401	
"	"	"	11.2	0.94 M	17 s	"	
"	"	"	12.5	0.85 M	17 s	"	
I ZW 1	0 51 00.0	+12 25 00	10	0.40 J	6 s	720901	809908
"	"	"	10.6	0.36 J	8.5 s	790405	"
"	"	"	10.6	0.310 J	−	781209	"
"	"	"	21	1.1 J	5.7 s	790405	"
"	"	"	21	1.4 J	6 s	720901	"
FIRSSE 6	0 51 46	+65 34 30	40	297 J	10 M	830201	
"	"	"	93	147 J	10 M	"	
AFGL 127	0 52 14.0	+48 24 29	8.4	0.27 M	17 s	790401	
"	"	"	11.2	−0.38 M	17 s	"	
"	"	"	12.5	−0.18 M	17 s	"	
AFGL 129	0 52 33.8	+24 17 12	8.4	0.91 M	17 s	"	
"	"	"	11.2	0.77 M	17 s	"	
"	"	"	12.5	0.83 M	17 s	"	
AFGL 130S	0 52 45	−23 50 00	11.0	−0.6 M	10 M	770706	
AFGL 131S	0 53 00	− 7 34 36	19.8	−3.2 M	10 M	"	
AFGL 132	0 53 13.8	+57 43 35	8.4	3.06 M	17 s	790401	
"	"	"	11.2	3.03 M	17 s	"	
"	"	"	12.5	3.49 M	17 s	"	
AFGL 4063S	0 53 23	−65 12 36	11.0	−1.6 M	10 M	770706	
AFGL 132	0 53 28	+57 43 30	19.8	−2.5 M	10 M	760913	
GAM CAS	0 53 40.3	+60 26 47	8.7	0.84 M	11 s	740807	779907
"	"	"	10	0.85 M	11 s	"	"
"	"	"	10	1.23 M	25 s	781217	"
"	"	"	11.4	0.67 M	11 s	740807	"
"	"	"	11.5	0.8 M	−	701105	"
"	"	"	12.6	0.59 M	11 s	740807	"
"	"	"	19.5	0.31 M	11 s	"	"
AFGL 4067S	0 54 30	−60 56 30	19.8	−3.2 M	10 M	770706	
AFGL 137	0 54 32	+58 09 12	11.0	−0.4 M	10 M	760913	
AFGL 4068S	0 55 08	−30 09 42	19.8	−3.8 M	10 M	770706	
FIRSSE 7	0 55 20	+65 22 24	93	169 J	10 M	830201	
AFGL 140S	0 56 59	− 8 48 42	19.8	−4.1 M	10 M	770706	
MARK 352	0 57 08.8	+31 33 30	10.6	0.017 J	−	781209	789906
AFGL 143	0 58 07.2	− 1 55 40	8.4	1.48 M	17 s	790401	
"	"	"	11.2	1.35 M	17 s	"	
"	"	"	12.5	1.34 M	17 s	"	
HV 11417	0 59 05	−73 07 30	10	5.69 M	−	801104	ED
IRC+50024	1 00 20	+45 36 06	10.7	0.5 MU	−	740705	IRC
PHL 957	1 00 33.4	+13 00 11	1000	0.6 JU	−	810004	809908
AFGL 149	1 01 09	+74 33 18	8.6	−0.1 M	26 s	800213	AFGL
"	"	"	10.7	−0.7 M	26 s	"	"
"	"	"	11.0	−1.2 M	10 M	760913	
"	"	"	12.2	−0.8 M	26 s	800213	AFGL
AFGL 150S	1 01 51	+28 33 12	11.0	−0.7 M	10 M	770706	
IC 1613	1 02 14.0	+ 1 51 09	1670	7.0 JU	1 M	761201	719904
FIRSSE 8	1 02 36	+75 58 42	93	73 J	10 M	830201	
IRC+50026	1 03 10	+49 35 06	10.7	0.6 MU	−	740705	IRC
AFGL 157	1 03 40	+12 19 06	8.4	−2.8 MV	17 s	800213	AFGL
"	"	"	8.6	−2.7 MV	26 s	"	"
"	"	"	10.7	−3.3 MV	26 s	"	"
"	"	"	11.0	−3.4 M	10 M	760913	
"	"	"	11.2	−3.5 MV	17 s	800213	AFGL
"	"	"	12.2	−3.6 MV	26 s	"	"
"	"	"	12.5	−3.6 MV	17 s	"	"
"	"	"	18	−4.5 MV	26 s	"	"
"	"	"	19.8	−4.9 M	10 M	760913	
CIT 3	1 03 48	+12 20	8.6	−3.0 MV	20 s	741201	661001
"	"	"	10.7	−3.7 MV	20 s	"	"
"	"	"	12.2	−3.9 MV	20 s	"	"
"	"	"	18	−4.6 M	20 s	"	"
"	"	"	20	−5.28 M	9 s	731104	"
IRC+10011	1 03 48.0	+12 19 45	10.1	−3.8 C	−	720001	
"	1 03 49	+12 18 42	8.4	−2.9 CV	−	760610	IRC
"	"	"	10	−3.6 M	V	740805	"
"	"	"	10	1275 J	15 s	800510	"
"	"	"	10	−3.0 ME	−	740408	"
"	"	"	11.1	−4.4 M	−	770608	"
"	"	"	11.2	−3.5 CV	−	760610	"
"	"	"	12.5	−3.7 CV	−	"	"
"	"	"	20	−5.2 M	V	740805	"
"	"	"	20	672 J	15 s	800510	"
"	"	"	30	240 J	15 s	"	"
AFGL 158	1 03 50	−20 49 00	19.8	−3.2 M	10 M	760913	
IRC+50028	1 04 11	+49 08 36	10.7	0.8 MU	−	740705	IRC
AFGL 4082S	1 04 27	+49 07 30	10.7	0.8 MU	26 s	800213	770706
FIRSSE 9	1 04 29	+65 04 24	20	59 J	10 M	830201	
"	"	"	27	117 J	10 M	"	
"	"	"	93	323 J	10 M	"	
AFGL 159S	1 05 02	− 2 06 54	19.8	−3.0 M	10 M	770706	
AFGL 160	1 05 20	+63 18 12	10.7	2.0 MU	26 s	800213	AFGL
PKS 0106+01	1 06 04.5	+ 1 19 01	1000	2.4 J	55 s	821106	809908
AFGL 161	1 06 05	−10 28 00	11.0	−1.0 M	10 M	760913	
"	"	"	19.8	−4.0 M	10 M	"	
PHI AND	1 06 35.3	+46 58 32	10	3.89 M	11 s	740807	CSI 79
AFGL 163	1 06 48	+65 52 36	8.6	1.2 M	26 s	800213	AFGL
"	"	"	10.7	0.3 M	26 s	"	"
"	"	"	12.2	0.5 M	26 s	"	"
AFGL 164	1 06 52	+35 21 30	11.0	−2.3 M	10 M	760913	
BET AND	1 06 55.3	+35 21 20	5.0	−1.86 M	−	700302	CSI 79
"	"	"	5.0	−1.61 C	−	640501	"
BS 337	"	"	5.00	−1.73 M	−	751004	"
BET AND	"	"	8.4	−2.00 M	−	710403	"
"	"	"	8.6	−2.0 M	−	721203	"
"	"	"	8.7	−2.04 M	11 s	740807	"
"	"	"	10	−2.06 M	11 s	"	"
"	"	"	10	−2.02 M	−	781217	"
"	"	"	10	−1.90 C	−	670801	"
"	"	"	10	−2.07 M	−	780803	"
BS 337	"	"	10.0	−1.95 M	−	751004	"
BET AND	"	"	10.2	−2.06 M	−	700302	"
"	"	"	10.4	−1.85 C	−	640501	"
"	"	"	10.6	239 J	−	821204	"
"	"	"	11	−2.01 M	−	710403	"
"	"	"	11.3	−2.1 M	−	721203	"
"	"	"	11.4	−2.14 M	11 s	740807	"
"	"	"	12.6	−2.05 M	11 s	"	"
"	"	"	19.5	−2.11 M	11 s	"	"
"	"	"	20	−2.26 M	9 s	731104	"
"	"	"	22.0	−1.93 M	−	700302	"
AFGL 4085S	1 07 22	−65 24 54	19.8	−3.6 M	10 M	770706	
AFGL 165	1 07 30	+15 26 00	19.8	−2.8 M	10 M	760913	
AFGL 166S	1 07 47	+10 33 24	11.0	−1.7 M	10 M	770706	
AFGL 167	1 08 02	+53 28 36	8.4	−0.8 MV	17 s	800213	AFGL
"	"	"	8.6	−0.6 MV	26 s	"	"
"	"	"	10.7	−0.9 MV	26 s	"	"
"	"	"	11.0	−1.3 M	10 M	760913	
"	"	"	11.2	−1.2 MV	17 s	800213	AFGL
"	"	"	12.2	−0.8 MV	26 s	"	"
"	"	"	12.5	−1.1 MV	17 s	"	"
"	"	"	18	−0.9 M	26 s	"	"
HV CAS	1 08 04.5	+53 26 01	8.4	−0.7 CV	−	760610	CSI 79
"	"	"	11.2	−1.2 CV	−	"	"
"	"	"	12.5	−1.0 CV	−	"	"
AFGL 168	1 08 20	+30 22 24	8.4	−0.1 MV	17 s	800213	AFGL
"	"	"	8.6	−0.4 MV	26 s	"	"
"	"	"	10.7	−1.4 MV	26 s	"	"
"	"	"	11.0	−1.3 M	10 M	760913	
"	"	"	11.2	−1.2 MV	17 s	800213	AFGL
"	"	"	12.2	−1.6 MV	26 s	"	"
"	"	"	12.5	−1.1 MV	17 s	"	"
"	"	"	18	−2.5 MV	26 s	"	"
IRC+30021	1 08 30	+30 22 00	5.0	−15.0 RV	−	740401	IRC
"	"	"	8.4	−0.3 CV	−	760610	"
"	"	"	8.6	0.0 M	−	740705	"
"	"	"	10.2	−15.4 RV	−	740401	"
"	"	"	10.7	−1.5 M	−	740705	"
"	"	"	11.2	−1.3 CV	−	760610	"
"	"	"	12.2	−1.7 M	−	740705	"
"	"	"	12.5	−1.2 CV	−	760610	"
AFGL 4088S	1 08 30	−33 46 36	19.8	−3.6 M	10 M	770706	
AFGL 169	1 08 44	−13 47 12	8.6	1.2 M	26 s	800213	AFGL
"	"	"	10.7	0.3 M	26 s	"	"
"	"	"	11.0	−0.9 M	10 M	760913	
"	"	"	12.2	0.5 M	26 s	800213	AFGL
AFGL 176S	1 09 54	−32 16 24	11.0	−1.8 M	10 M	770706	
AFGL 177	1 10 23	+62 42 00	8.6	−0.3 M	26 s	800213	AFGL
"	"	"	10.7	−1.1 M	26 s	"	"
"	"	"	11.0	−1.3 M	10 M	760913	
"	"	"	12.2	−1.3 M	26 s	800213	AFGL
AFGL 180S	1 11 04	−43 09 24	11.0	−3.3 M	10 M	770706	
"	"	"	19.8	−3.6 M	10 M	"	

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
AFGL 184	1 11 49	+66 23 36	8.6	1.0 M	26 S	800213	AFGL
"	"	"	10.7	1.6 M	26 S	"	"
"	"	"	11.0	−0.5 M	10 M	760913	
"	"	"	12.2	0.8 M	26 S	800213	AFGL
AFGL 185S	1 12 20	+78 58 06	11.0	−1.5 M	10 M	770706	
AFGL 186	1 12 27	+71 27 36	10.7	0.1 M	26 S	800213	AFGL
"	"	"	11.0	−1.9 M	10 M	760913	
"	"	"	19.8	−5.0 M	10 M	"	
AFGL 4093S	1 12 36	+57 45 54	11.0	−0.8 M	10 M	770706	
MARK 1	1 13 19.7	+32 49 36	10	−24.1 H	V	760401	789906
"	"	"	10	0.13 JU	6 S	720901	"
"	"	"	10.6	0.061 J	-	781209	"
Z PSC	1 13 20.9	+25 30 18	8.6	0.6 M	-	721103	CSI 79
"	"	"	10.8	−0.5 M	-	"	"
FIRSSE 10	1 13 33	+64 36 24	20	25 J	10 M	830201	
"	"	"	27	53 J	10 M	"	
"	"	"	93	113 J	10 M	"	
CRL 190	1 14 22.4	+66 58 00	8.4	110 J	12 S	780106	
"	"	"	11.0	150 J	12 S	"	
AFGL 190	1 14 25	+66 57 12	8.6	−0.8 M	26 S	800213	AFGL
"	"	"	10.7	−1.3 M	26 S	"	"
"	"	"	11.0	−1.9 M	10 M	760913	
"	"	"	12.2	−2.0 M	26 S	800213	AFGL
"	"	"	18	−2.6 M	26 S	"	"
"	"	"	19.8	−3.5 M	10 M	760913	
CRL 190	1 14 26.3	+66 58 08	8.7	−0.83 M	11 S	760606	
"	"	"	10	−1.34 M	11 S	"	
"	"	"	11.4	−1.73 M	11 S	"	
"	"	"	12.5	−2.22 M	11 S	"	
"	"	"	19.5	−2.98 M	11 S	"	
"	"	"	23	−3.53 M	11 S	"	
AFGL 189	1 14 32	+59 02 12	19.8	−3.0 M	10 M	760913	
AFGL 194	1 15 50	+72 21 06	8.6	−1.9 M	26 S	800213	AFGL
"	"	"	10.7	−2.7 M	26 S	"	"
"	"	"	11.0	−2.6 M	10 M	760913	
"	"	"	12.2	−2.9 M	26 S	800213	AFGL
"	"	"	18	−3.3 M	26 S	"	"
"	"	"	19.8	−3.4 M	10 M	760913	
AFGL 196S	1 16 10	−27 33 48	19.8	−3.0 M	10 M	770706	
AFGL 197	1 16 17	+56 04 00	11.0	−2.2 M	10 M	760913	
PHI CAS	1 16 55.0	+57 58 08	8.4	−25.3 L	-	701003	CSI 79
"	"	"	8.7	2.80 M	-	741105	"
"	"	"	10.0	2.79 M	-	"	"
"	"	"	11.0	−25.4 L	-	701003	"
"	"	"	11.4	2.87 M	-	741105	"
AFGL 200	1 17 13	+63 43 42	8.6	2.3 M	26 S	800213	AFGL
FJ3	1 18	+22 18	100	6E5 X	.56 D	701104	
AFGL 4097S	1 18 24	−17 16 00	11.0	−1.3 M	10 M	770706	
AFGL 205	1 19 40	+61 35 36	11.0	−1.3 M	10 M	760913	
"	"	"	19.8	−3.5 M	10 M	"	
AFGL 206	1 19 42	+ 1 52 00	19.8	−3.9 M	10 M	"	
FIRSSE 11	1 20 00	+61 37 12	20	33 J	10 M	830201	
"	"	"	93	834 JL	10 M	"	
AFGL 4099S	1 20 04	−69 15 42	19.8	−3.2 M	10 M	770706	
AFGL 208S	1 20 47	− 9 00 42	8.6	2.1 M	26 S	800213	770706
"	"	"	10.7	0.5 M	26 S	"	"
"	"	"	12.2	0.4 M	26 S	"	"
"	"	"	18	−0.2 M	26 S	"	"
AFGL 211	1 21 37	+60 48 54	11.0	−0.7 M	10 M	760913	
AFGL 212S	1 21 39	+19 01 06	11.0	−1.1 M	10 M	770706	
"	"	"	19.8	−2.8 M	10 M	"	
NGC 520	1 21 59.4	+ 3 32 13	1670	7.4 JU	1 M	761201	769909
AFGL 213S	1 22 15	+67 51 30	11.0	−2.0 M	10 M	770706	
AFGL 4104S	1 23 15	+17 54 06	11.0	−1.1 M	10 M	"	
IRC+50035	1 23 30	+54 53 54	10.7	0.2 M	-	740705	IRC
"	"	"	18	−0.8 MU	-	"	"
MARK 358	1 23 45.3	+31 21 16	10.6	0.017 J	-	781209	789906
AFGL 4106S	1 24 34	+14 29 54	11.0	−0.8 M	10 M	770706	
AFGL 215	1 24 38	−32 49 42	11.0	−1.9 M	10 M	760913	
AFGL 4107S	1 25 01	−22 48 24	19.8	−3.0 M	10 M	770706	
AFGL 221S	1 26 02	+79 25 18	19.8	−3.2 M	10 M	"	
IRC+60052	1 26 07	+64 47 12	10.2	−16.2 R	-	740401	IRC
"	"	"	10.7	0.6 M	-	740705	"
"	"	"	10.7	−1.0 MU	-	"	"
AFGL 218	1 26 07	−43 36 18	11.0	−1.5 M	10 M	760913	
AFGL 220	1 26 10	+51 24 36	19.8	−3.1 M	10 M	"	
AFGL 4110S	1 26 15	−22 01 06	19.8	−3.5 M	10 M	770706	
R PSC	1 28 03.3	+ 2 37 26	8.4	0.81 C	-	710203	CSI 79
"	"	"	11.0	0.22 C	-	"	"
AFGL 226	1 28 11	+ 2 37 54	8.4	0.8 M	11 S	800213	AFGL
"	"	"	11.0	−0.7 M	10 M	760913	
"	"	"	11.2	0.2 M	11 S	800213	AFGL
AFGL 228	1 28 53	+15 04 00	19.8	−3.1 M	10 M	760913	
"	"	"	27.4	−6.2 M	10 M	"	
AFGL 4113S	1 29 06	+15 23 00	19.8	−2.6 M	10 M	770706	
FIRSSE 12	1 30 14	+62 10 48	20	139 J	10 M	830201	
"	"	"	27	171 J	10 M	"	
"	"	"	93	45 J	10 M	"	
IC 131	1 30 22	+30 30	10	0.046 J	12 S	741005	IC
IC 132	1 30 27	+30 41	10	0.086 JU	12 S	"	IC
IC 133	1 30 27	+30 38	50	23 JU	30 S	780610	IC
"	"	"	100	4.7 JU	30 S	"	"
AFGL 230	1 30 27.2	+62 11 31	10.6	−0.8 MV	-	790106	
"	1 30 40	+62 10 54	8.6	−0.3 M	26 S	800213	AFGL
"	"	"	10.7	0.8 M	26 S	"	"
"	"	"	11.0	−1.6 M	10 M	760913	
"	"	"	12.2	−1.5 M	26 S	800213	AFGL
"	"	"	19.8	−3.5 M	10 M	760913	
NGC 595	1 30 42	+30 26	50	33 JU	30 S	780610	RNGC
"	"	"	100	5.7 JU	30 S	"	"
NGC 598	1 31 04.6	+30 23 40	10	0.099 JU	5.7 S	780305	769909
"	"	"	1670	6.8 JU	1 M	761201	"
M33 D	1 31 06	+30 24	10	0.054 JU	12 S	741005	RNGC
M33 E	-	-	10	0.100 JU	12 S	"	"
IC 142	1 31 06	+30 30	10	0.026 JU	12 S	"	IC
CRL 230	1 31 07.2	+62 11 31	5.0	120 J	-	760605	
"	"	"	8.4	170 J	-	"	
"	"	"	8.8	140 J	-	"	
"	"	"	10.4	60 J	-	"	
"	"	"	10.6	140 J	-	"	
"	"	"	11.6	120 J	-	"	
"	"	"	12.6	220 J	-	"	
NGC 604	1 31 41	+30 32	10	0.060 J	12 S	741005	RNGC
"	"	"	50	4.7 J	40 S	790205	"
"	"	"	50	14 JU	40 S	780610	"
"	"	"	100	12.4 J	40 S	"	"
"	"	"	100	12.4 J	40 S	790205	"
AFGL 4120S	1 32 15	+12 20 48	19.8	−3.7 M	10 M	770706	

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
AFGL 233S	1 32 22	+23 21 06	11.0	−1.2 M	10 M	"	
AX PER	1 33 05.3	+54 00 19	5.0	5.01 M	-	700302	CSI 79
"	"	"	10.2	4.76 M	-	"	"
NGC 628	1 34 00.7	+15 31 55	10	0.058 JU	5.7 S	780305	769909
M1-1	1 34 13	+50 12 57	10	4.9 MU	11 S	741009	709904
3C 48	1 34 49.8	+32 54 20	10	1.59 Q	V	790509	809908
"	"	"	10	0.08 JU	6 S	720901	"
"	"	"	1000	0.7 JU	55 S	821106	"
"	"	"	1570	15 JU	1 M	761201	"
AFGL 240	1 35 29	+65 15 42	11.0	−0.6 M	10 M	760913	
ALF ERI	1 35 51.3	−57 29 24	10.2	0.73 M	12 S	820309	CSI 79
WU 0138-29.8	1 38	−29 48	280	3E6 X	1 D	741104	
AFGL 4129S	1 38 43	− 1 51 12	19.8	−3.9 M	10 M	770706	
AFGL 4132S	1 40 14	+58 32 48	11.0	−1.2 M	10 M	"	
PHI PER	1 40 30.7	+50 26 15	5.0	1.65 C	-	650002	CSI 79
"	"	"	5.0	2.20 M	-	700302	"
"	"	"	8.7	1.77 M	11 S	740807	"
HD 10516	"	"	8.7	1.77 M	-	780704	"
PHI PER	"	"	10	1.70 M	11 S	740807	"
HD 10516	"	"	10	1.70 M	-	780704	"
PHI PER	"	"	10.2	1.31 M	-	700302	"
"	"	"	11	1.6 M	-	731106	"
"	"	"	11.4	1.55 M	11 S	740807	"
HD 10516	"	"	11.4	1.55 M	-	780704	"
PHI PER	"	"	11.5	1.7 MU	-	701105	"
"	"	"	12.6	1.62 M	11 S	740807	"
"	"	"	22.0	1.13 M	-	700302	"
HD 10494	1 40 44.0	+61 35 55	8.7	3.87 M	-	741105	CSI 79
"	"	"	11.4	3.73 M	-	"	"
AFGL 4134S	1 40 47	−22 54 18	11.0	−1.1 M	10 M	770706	
AFGL 4136S	1 42 02	+60 46 30	11.0	−0.7 M	10 M	"	
109 PSC	1 42 11.6	+19 50 01	5.0	0.75 M	-	700302	CSI 79
"	"	"	10.2	1.00 M	-	"	"
"	"	"	22.0	−1.07 M	-	"	"
AFGL 4009	1 43 59	−24 47 30	11.0	−1.1 M	10 M	760913	
MWC 17	1 44 12	+60 27	5.0	3.66 M	-	700302	MWC
"	"	"	10.2	1.28 M	-	"	"
AFGL 248S	1 44 14	+64 17 30	11.0	−0.7 M	10 M	770706	
AFGL 4140S	1 44 20	−42 29 30	11.0	−2.3 M	10 M	"	
"	"	"	19.8	−3.6 M	10 M	"	
AFGL 4141S	1 44 48	−25 35 54	19.8	−3.9 M	10 M	"	
AFGL 4142S	1 45 41	−46 27 06	27.4	−6.7 M	10 M	"	
AFGL 250	1 46 04	+29 34 42	11.0	−1.6 M	10 M	760913	
AFGL 253	1 47 14.1	+53 29 43	8.4	0.27 M	17 S	790401	
"	"	"	11.2	−0.38 M	17 S	"	
"	"	"	12.5	−0.18 M	17 S	"	
AFGL 251	1 47 18	+64 37 06	11.0	−1.1 M	10 M	760913	
AFGL 253	1 47 30	+53 28 00	11.0	−1.3 M	10 M	"	
HD 11092	1 47 38.2	+64 36 26	8.7	1.41 M	-	741105	CSI 79
"	"	"	10.0	1.44 M	-	"	"
"	"	"	11.4	1.35 M	-	"	"
"	"	"	12.6	1.40 M	-	"	"
ALF UMI	1 48 48.7	+89 01 42	8.7	0.44 M	-	741008	CSI 79
"	"	"	10	0.24 M	-	"	"
"	"	"	11.4	0.39 M	-	"	"
"	"	"	12.6	0.31 M	-	"	"
AFGL 256	1 49 03	− 6 41 54	19.8	−3.5 M	10 M	760913	
AFGL 4145S	1 49 44	− 7 16 24	11.0	−1.7 M	10 M	770706	
AFGL 279	1 50 11.7	− 7 54 32	8.4	1.86 M	17 S	790401	
"	"	"	11.2	1.75 M	17 S	"	
"	"	"	12.5	2.37 M	17 S	"	
AFGL 4147S	1 50 23	+60 49 54	11.0	−1.3 M	10 M	770706	
AFGL 258S	1 50 29	+54 01 12	11.0	−1.1 M	10 M	"	
"	1 50 33	+53 59 54	8.4	1.64 M	17 S	790401	
"	"	"	11.2	0.79 M	17 S	"	
"	"	"	12.5	0.68 M	17 S	"	
AFGL 262	1 51 41	+ 8 32 00	8.4	1.84 M	17 S	"	
"	"	"	11.2	1.62 M	17 S	"	
"	1 51 47	+ 8 30 42	11.0	−1.0 M	10 M	760913	
AFGL 4148S	1 51 56	+ 4 28 24	11.0	−0.1 M	10 M	770706	
IRC 00028	1 51 59	+ 4 27 54	5.0	−15.3 R	-	740401	IRC
"	"	"	10.2	−16.0 R	-	"	"
AFGL 263S	1 52 10	−31 52 24	11.0	−1.4 M	10 M	770706	
AFGL 264S	1 52 17	+ 6 58 36	19.8	−3.4 M	10 M	"	
AFGL 266S	1 52 22	+24 50 54	19.8	−2.9 M	10 M	"	
AFGL 4013	1 52 47.6	+16 56 41	8.4	0.90 M	17 S	790401	
"	"	"	11.2	0.00 M	17 S	"	
IC 1747	1 53 58	+63 04 42	10	4.8 MU	4 S	741009	709904
AFGL 274	1 54 52.9	+27 33 43	8.4	1.33 M	17 S	790401	
"	"	"	11.2	1.33 M	17 S	"	
AFGL 276	1 55 10.7	+30 53 31	8.4	−0.01 MV	17 S	"	
"	"	"	11.2	−0.16 M	17 S	"	
AFGL 275S	1 55 13	+ 5 47 06	11.0	−1.2 M	10 M	770706	
AFGL 276	1 55 13	+30 53 42	11.0	−1.1 M	10 M	760913	
AFGL 4150S	1 55 14	−70 23 00	11.0	−1.8 M	10 M	770706	
AFGL 278	1 55 31	+45 11 42	8.6	−2.3 M	26 S	800213	AFGL
"	"	"	10.7	−2.9 M	26 S	"	"
"	"	"	11.0	−2.6 M	10 M	760913	
"	"	"	12.2	−3.0 M	26 S	800213	AFGL
"	"	"	18	−3.8 M	26 S	"	"
"	"	"	19.8	−3.8 M	10 M	760913	
M1-2	1 55 33	+52 39 15	10	4.0 M	11 S	741009	709904
"	"	"	11	1.0 J	5 S	720301	"
"	"	"	11	3.85 M	11 S	741009	"
"	"	"	11	1.0 J	-	720301	"
"	"	"	18	1.9 M	11 S	741009	"
AFGL 278	1 55 37.3	+45 11 32	8.4	−1.88 M	17 S	790401	
"	"	"	11.2	−2.76 M	17 S	"	
"	"	"	12.5	−2.80 M	17 S	"	
HD 11979	1 55 37.3	+45 11 31	20	−3.69 M	-	821005	CSI 79
"	"	"	20	−3.64 M	-	741002	"
"	"	"	20	−3.64 M	-	751002	"
"	"	"	25	−3.69 M	-	821005	"
"	"	"	25	−3.57 M	-	751002	"
"	"	"	33	−4.35 M	-	"	"
"	"	"	33	−4.15 M	-	821005	"
AFGL 280	1 56 07	+54 34 48	11.0	−1.4 M	10 M	760913	
AFGL 4152S	1 56 08	+ 2 42 36	19.8	−3.6 M	10 M	770706	
AFGL 280	1 56 14.8	+54 34 49	8.4	−0.06 M	17 S	790401	
"	"	"	11.2	−0.49 M	17 S	"	
"	"	"	12.5	−0.57 M	17 S	"	
AFGL 283	1 57 04	−14 07 54	11.0	−1.2 M	10 M	760913	
AFGL 284	1 57 23	−21 03 06	11.0	−0.6 M	10 M	"	
AFGL 285	1 57 28	+63 53 24	11.0	−0.8 M	10 M	"	
AFGL 286	1 57 37	−21 19 06	11.0	−0.9 M	10 M	"	
AFGL 287	1 57 57	− 8 47 24	11.0	−1.2 M	10 M	"	
BS 587	1 57 57.7	− 8 45 53	20	−0.8 M	14 S	760901	CSI 79
AFGL 4154S	1 59 26	− 6 12 36	11.0	−1.8 M	10 M	770706	

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
AFGL 290	1 59 48	+13 14 54	8.6	−0.3 M	26 s	800213	AFGL
"	"	"	10.7	0.8 M	26 s	"	"
"	"	"	12.2	−1.5 M	26 s	"	"
BD+ 6 319	2 00 00.2	+ 7 26 11	20	−1.7 M	14 s	760901	CSI 79
HD 12399	2 00 05.5	+63 59 50	8.7	3.17 M	-	741105	CSI 79
"	"	"	10.0	3.27 M	-	"	"
"	"	"	11.4	3.49 M	-	"	"
AFGL 292	2 00 16	+ 7 27 54	11.0	−1.6 M	10 M	760913	
AFGL 293S	2 00 20	−45 36 12	11.0	−2.1 M	10 M	770706	
AFGL 294	2 00 45	+42 05 48	11.0	−1.1 M	10 M	760913	
GAM AND	2 00 49.1	+42 05 25	5.0	−0.60 C	-	650002	CSI 79
GAM 1 AND	"	"	10.2	−1.20 M	-	700302	"
"	"	"	22.0	−0.73 M	-	"	"
0202+14	2 02	+14	10.6	.0015 J	5.5 s	821201	ED
AFGL 4015	2 03 27	−28 01 12	8.6	−0.5 M	-	800213	AFGL
"	"	"	10.7	−2.5 M	-	"	"
"	"	"	12.2	−2.3 M	-	"	"
"	"	"	18	−3.3 M	-	"	"
FIRSSE 13	2 03 29	+73 23 36	20	29 J	10 M	830201	
"	"	"	40	1091 J	10 M	"	
UZ CET	2 03 38.2	−10 27 01	20	−1.1 M	14 s	760901	CSI 79
AFGL 297	2 03 40	−10 27 18	11.0	−1.1 M	10 M	760913	
BD+58 373	2 03 41.1	+58 33 00	8.6	2.83 M	-	731203	CSI 79
"	"	"	11.3	2.36 M	-	"	"
AFGL 4161S	2 04 02	−39 47 18	19.8	−3.6 M	10 M	770706	
AFGL 4016	2 04 14	−67 45 00	11.0	−2.1 M	10 M	760913	
ALF ARI	2 04 20.9	+23 13 35	5.0	−0.33 M	-	700302	CSI 79
"	"	"	8.4	−0.68 C	-	710203	"
"	"	"	8.6	−0.7 M	11 s	740605	"
"	"	"	8.6	−0.8 M	-	721203	"
"	"	"	10.2	−0.84 M	-	700302	"
"	"	"	10.3	−0.7 M	11 s	740605	"
"	"	"	11.0	−0.73 C	-	710203	"
"	"	"	11.3	−0.7 M	11 s	740605	"
"	"	"	11.3	−0.8 M	-	721203	"
"	"	"	12.4	−0.7 M	11 s	740605	"
"	"	"	12.8	−0.7 M	11 s	"	"
"	"	"	18	−0.7 M	11 s	"	"
"	"	"	22	−0.7 M	11 s	"	"
"	"	"	22.0	−1.24 M	-	700302	"
"	"	"	27	−0.7 M	11 s	740605	"
FIRSSE 14	2 04 24	+60 31 12	20	66 J	10 M	830201	
"	"	"	27	138 J	10 M	"	
"	"	"	93	346 J	10 M	"	
AFGL 298S	2 04 58	+59 01 00	11.0	−1.1 M	10 M	770706	
HD 12953	2 05 09.7	+58 11 12	8.7	3.34 M	-	741105	CSI 79
"	"	"	8.7	3.34 M	-	780704	"
"	"	"	10	3.56 M	11 s	770504	"
"	"	"	11.4	3.20 M	-	741105	"
"	"	"	11.4	3.20 M	-	780704	"
AFGL 302S	2 06 46	+16 32 42	19.8	−3.4 M	10 M	770706	
KK PER	2 06 48.4	+56 19 24	8.6	1.29 M	-	731203	779907
"	"	"	11.3	0.54 M	-	"	"
"	"	"	18	0.35 M	-	"	"
5 PER	2 07 58.9	+57 24 38	10.0	5.45 MU	-	741105	CSI 79
AFGL 4166S	2 08 38	+ 4 28 48	11.0	−1.0 M	10 M	770706	
"	"	"	19.8	−3.7 M	10 M	"	
AFGL 305	2 08 41	+63 56 06	8.6	1.0 M	26 s	800213	AFGL
"	"	"	10.7	0.3 M	26 s	"	"
"	"	"	12.2	−0.3 M	26 s	"	"
AFGL 4018	2 08 41	− 4 23 00	11.0	−1.1 M	10 M	760913	
AFGL 4167S	2 09 14	−27 00 36	19.8	−3.9 M	10 M	770706	
AFGL 4168S	2 09 22	−23 52 00	11.0	−0.5 M	10 M	"	
HD 13476	2 10 08.5	+58 19 38	8.7	4.06 M	-	741105	CSI 79
"	"	"	8.7	3.99 M	-	780704	"
"	"	"	10	4.12 M	-	"	"
"	"	"	10.0	4.19 M	-	741105	"
"	"	"	11.4	4.15 M	-	"	"
"	"	"	11.4	4.08 M	-	780704	"
HD 13658	2 11 40.5	+57 54 35	8.6	3.18 M	-	731203	CSI 79
"	"	"	11.3	2.30 M	-	"	"
"	"	"	18	2.0 MU	-	"	"
AFGL 4172S	2 11 43	−19 47 54	19.8	−3.3 M	10 M	770706	
FIRSSE 15	2 13 05	+55 08 30	20	19 J	10 M	830201	
"	"	"	93	49 J	10 M	"	
AFGL 4174S	2 13 14	+75 06 54	11.0	−0.6 M	10 M	770706	
HD 13854	2 13 20.9	+56 49 25	10.0	4.83 MU	-	741105	CSI 79
AFGL 4176S	2 13 28	−20 47 12	19.8	−3.4 M	10 M	770706	
AFGL 4177S	2 13 35	−25 48 48	11.0	−1.3 M	10 M	"	
AFGL 4178S	2 13 52	+72 29 12	11.0	−0.8 M	10 M	"	
"	"	"	19.8	−3.2 M	10 M	"	
AFGL 310	2 14 18	+44 04 18	11.0	−1.4 M	10 M	760913	
W AND	2 14 23.1	+44 04 30	5.0	−14.4 RV	-	740401	779907
"	"	"	10.2	−15.2 RV	-	"	"
"	"	"	20	−2.1 M	14 s	760901	"
AFGL 311	2 14 25	+78 31 48	8.6	0.6 M	26 s	800213	AFGL
"	"	"	10.7	0.1 M	26 s	"	"
"	"	"	11.0	−0.6 M	10 M	760913	
AFGL 312S	2 14 36	−14 54 36	11.0	−0.8 M	10 M	770706	
IRC+80005	2 14 41	+78 32 06	5.0	−15.2 RV	-	740401	IRC
"	"	"	8.6	0.6 M	-	740705	"
"	"	"	10.2	−16.1 RV	-	740401	"
"	"	"	10.7	0.1 M	-	740705	"
BU PER	2 15 20.9	+57 11 29	8.6	1.04 M	-	731203	779907
"	"	"	11.3	−0.50 M	-	"	"
"	"	"	18	−0.65 M	-	"	"
HD 14134	2 15 32.6	+56 54 19	10	4.88 M	11 s	770504	CSI 79
"	"	"	10	4.99 MU	-	780704	"
"	"	"	10.0	4.99 MU	-	741105	"
HD 14143	2 15 41.9	+56 56 22	10	4.90 M	11 s	770504	CSI 79
"	"	"	10	5.31 MU	-	780704	"
"	"	"	10.0	5.31 MU	-	741105	"
T PER	2 15 45.7	+58 43 54	8.6	2.24 M	-	731203	779907
"	"	"	11.3	1.38 M	-	"	"
"	"	"	18	0.9 MU	-	"	"
AFGL 4181S	2 15 59	− 5 36 24	19.8	−3.7 M	10 M	770706	
AFGL 316S	2 16 28	+33 36 54	11.0	−0.5 M	10 M	"	
"	"	"	19.8	−3.3 M	10 M	"	
HD 14242	2 16 44.0	+59 26 32	8.6	2.25 M	-	731203	CSI 79
"	"	"	11.3	1.10 M	-	"	"
"	"	"	18	0.67 M	-	"	"
OMI CET	2 16 49.0	− 3 12 12	5.0	−3.7 MV	-	780805	CSI 79
"	"	"	5.0	−3.57 M	-	700302	"
"	"	"	8	S	-	690101	"
"	"	"	8	S	V	721103	"
"	"	"	8.1	1512 J	15 s	800510	"
"	"	"	8.3	−4.5 M	-	770608	"
"	"	"	8.3	S	-	720802	"
"	"	"	8.4	−4.06 CV	-	750104	"
"	"	"	8.4	−4.64 M	-	780805	"
"	"	"	8.4	−4.59 C	-	710405	"
"	"	"	9.57	1676 J	15 s	800510	"
"	"	"	10	38.69 F	V	660501	"
"	"	"	10	1894 J	15 s	800510	"
"	"	"	10	P	-	720803	"
"	"	"	10.1	−3.84 M	15 s	681101	"
"	"	"	10.2	−4.9 M	-	770608	"
"	"	"	10.2	−4.74 M	-	700302	"
"	"	"	10.2	−5.4 MV	-	780805	"
"	"	"	10.5	−5.40 M	-	"	"
"	"	"	11	−4.84 CV	-	750104	"
"	"	"	11	D	-	780907	"
"	"	"	11	−5.45 M	-	710403	"
"	"	"	11.0	−5.63 C	-	710405	"
"	"	"	11.1	−5.0 M	-	770608	"
"	"	"	12.2	1475 J	15 s	800510	"
"	"	"	12.2	−5.28 M	-	780805	"
"	"	"	12.5	−4.9 MV	-	"	"
"	"	"	18	−6.11 M	-	"	"
"	"	"	20	−5.96 M	9 s	731104	"
"	"	"	20	1094 J	15 s	800510	"
"	"	"	20	−5.59 M	-	821005	"
"	"	"	22.0	−6.01 M	-	700302	"
"	"	"	25	−5.74 M	-	821005	"
"	"	"	30	425 J	15 s	800510	"
"	"	"	33	−5.72 M	-	821005	"
AFGL 318	2 16 51	− 3 11 42	8.4	−3.8 M	17 s	800213	AFGL
"	"	"	8.6	−3.9 MV	8.5 s	"	"
"	"	"	8.6	−4.7 M	26 s	"	"
"	"	"	10.7	−5.3 M	8.5 s	"	"
"	"	"	10.7	−5.7 M	26 s	"	"
"	"	"	11.0	−5.1 M	10 M	760913	
"	"	"	11.2	−4.4 M	17 s	800213	AFGL
"	"	"	11.3	−3.8 M	8.5 s	"	"
"	"	"	12.2	−5.1 M	8.5 s	"	"
"	"	"	12.2	−5.7 M	26 s	"	"
"	"	"	12.5	−4.4 M	17 s	"	"
"	"	"	12.8	−4.8 M	8.5 s	"	"
"	"	"	18	−5.2 MV	8.5 s	"	"
"	"	"	18	−6.3 M	26 s	"	"
"	"	"	19.8	−6.0 M	10 M	760913	
"	"	"	27.4	−6.6 M	10 M	"	
AFGL 4182S	2 16 55	+56 46 06	8.4	1.3 M	11 s	800213	770706
"	"	"	11.0	−1.9 M	10 M	770706	
"	"	"	11.2	0.6 M	11 s	800213	770706
AD PER	2 16 57.0	+56 45 51	8.4	1.27 C	-	710203	779907
"	"	"	8.6	1.50 M	-	731203	"
"	"	"	11.0	0.55 C	-	710203	"
"	"	"	11.3	0.65 M	-	731203	"
"	"	"	18	0.03 M	-	"	"
BS 686	2 17 25.0	−42 04 39	5.0	−1.83 M	-	700302	CSI 79
"	"	"	10.2	−2.03 M	-	"	"
"	"	"	22.0	−1.85 M	-	"	"
FZ PER	2 17 27.1	+56 55 47	8.6	1.86 M	-	731203	779907
"	"	"	11.3	1.08 M	-	"	"
"	"	"	11.4	1.0 M	-	700907	"
"	"	"	18	0.87 M	-	731203	"
HD 14404	2 18 08.1	+57 38 06	8.6	2.05 M	-	"	779907
"	"	"	11.3	1.37 M	-	"	"
"	"	"	18	0.55 M	-	"	"
HD 14433	2 18 22.3	+57 00 52	8.7	4.10 M	-	780704	CSI 79
"	"	"	8.7	4.11 M	-	741105	"
"	"	"	10	4.37 M	-	780704	"
"	"	"	10.0	4.38 M	-	741105	"
SU PER	2 18 35.2	+56 22 35	8.4	0.66 C	-	710203	779907
"	"	"	8.6	0.89 M	-	731203	"
"	"	"	11.0	−0.36 C	-	710203	"
"	"	"	11.3	−0.35 M	-	731203	"
"	"	"	18	−0.64 M	-	"	"
AFGL 320	2 18 43	+56 52 00	8.6	0.8 M	26 s	800213	AFGL
"	"	"	10.7	−0.5 M	26 s	"	"
"	"	"	11.0	−1.0 M	10 M	760913	
"	"	"	12.2	−0.3 M	26 s	800213	AFGL
9 PER	2 18 51.1	+55 37 05	8.7	3.93 M	-	741105	CSI 79
HD 14489	"	"	8.7	3.93 M	-	780704	"
9 PER	"	"	10	3.83 M	11 s	770504	"
HD 14489	"	"	10	3.88 M	-	780704	"
9 PER	"	"	10.0	3.88 M	-	741105	"
"	"	"	11.4	3.76 M	-	"	"
HD 14489	"	"	11.4	3.76 M	-	780704	"
RS PER	2 18 51.3	+56 52 55	8.6	0.40 M	-	731203	779907
"	"	"	11.3	−0.79 M	-	"	"
"	"	"	18	−0.90 M	-	"	"
FIRSSE 16	2 18 57	+57 35 18	93	150 J	10 M	830201	
S PER	2 19 15.1	+58 21 34	5.0	−0.16 M	-	700302	779907
"	"	"	8.4	−1.20 M	-	710403	"
"	"	"	8.4	−1.05 C	-	710405	"
"	"	"	8.4	−1.10 C	-	710203	"
"	"	"	8.6	−1.40 M	-	731203	"
"	"	"	10	−1.74 C	-	670801	"
"	"	"	10.2	−2.01 M	-	700302	"
"	"	"	11	−2.89 M	-	710403	"
"	"	"	11.0	−2.29 C	-	710405	"
"	"	"	11.0	−2.45 C	-	710203	"
"	"	"	11.3	−2.65 M	-	731203	"
"	"	"	18	−2.90 M	-	"	"
"	"	"	20	−3.62 M	-	751002	"
"	"	"	20	−3.57 M	-	821005	"
"	"	"	20	−3.62 M	9 s	731104	"
"	"	"	22.0	−3.10 M	-	700302	"
"	"	"	25	−3.48 M	-	751002	"
"	"	"	25	−3.63 M	-	821005	"
"	"	"	33	−4.46 M	-	"	"
"	"	"	33	−4.54 M	-	751002	"
AFGL 321	2 19 17	+ 0 10 54	8.4	−1.1 M	11 s	800213	AFGL
"	"	"	11.2	−2.5 M	11 s	"	"
AFGL 323	2 19 21	+58 22 24	8.4	−1.2 M	17 s	"	AFGL
"	"	"	8.6	−1.6 M	8.5 s	"	"
"	"	"	8.6	−1.7 M	26 s	"	"
"	"	"	10.7	−2.9 M	8.5 s	"	"
"	"	"	10.7	−2.6 M	26 s	"	"
"	"	"	11.0	−2.8 M	10 M	760913	
"	"	"	11.2	−2.7 M	17 s	800213	AFGL
"	"	"	12.2	−2.9 M	8.5 s	"	"
"	"	"	12.2	−2.6 M	26 s	"	"
"	"	"	12.5	−2.6 M	17 s	"	"

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
"	h m s	° ′ ″	18	−3.6 M	8.5 s	"	"
"	"	"	18	−3.0 M	26 s	"	"
"	"	"	19.8	−3.7 M	10 M	760913	
AFGL 4020	2 19 23	−53 53 18	11.0	−3.0 M	10 M	"	
"	"	"	19.8	−4.6 M	10 M	"	
FIRSSE 17	2 19 24	+61 38 42	20	42 J	10 M	830201	
"	"	"	27	49 J	10 M	"	
"	"	"	93	344 J	10 M	"	
AFGL 324S	2 19 26	+70 45 24	11.0	−0.9 M	10 M	770706	
BD+56 595	2 19 37.5	+56 58 19	8.6	2.70 M	–	731203	CSI 79
"	"	"	11.3	2.32 M	–	"	"
"	"	"	18	1.1 MU	–	"	"
AFGL 4189S	2 19 44	+56 59 00	19.8	−2.7 M	10 M	770706	
HD 14580	2 19 50.4	+56 59 05	8.6	2.99 M	–	731203	CSI 79
"	"	"	11.3	2.46 M	–	"	"
FJM 4	2 20 45	+61 52	100	1.7E5 X	4.5 M	720902	
W3 A	2 21	+61 50	11.0	0.16 I	13 M	820907	ED
"	"	"	19.8	0.032 I	13 M	"	"
W3 IRS10	2 21 42.4	+61 53 02	20	0.15 F	13 s	770104	
"	"	"	25	0.25 F	13 s	"	
"	"	"	33	0.63 FU	13 s	"	
HD 14818	2 21 43.0	+56 23 03	10	4.72 M	–	780704	CSI 79
10 PER	"	"	10.0	4.72 M	–	741105	"
W3 C IRS4	2 21 43.4	+61 52 49	8	S	7.5 s	770609	740206
W3 IRS4	"	"	8	S	–	780503	"
"	"	"	20	2.8 F	13 s	770104	"
"	"	"	25	2.8 F	13 s	"	"
"	"	"	33	4.6 F	13 s	"	"
W3 C IRS4	2 21 44	+61 52 48	1230	38.2 JU	–	760601	
W3 OH SOURCE1	2 21 46.4	+61 52 17	1230	49.4 JU	–	"	
W3 OH IRS8	2 21 46.5	+61 52 18	8	S	7.5 s	770609	740206
W3 IRS8	"	"	20	2.4 F	13 s	770104	"
"	"	"	25	2.7 F	13 s	"	"
"	"	"	33	2.2 F	13 s	"	"
W3 CONT OHIR	2 21 46.5	+61 52 22	10.1	1.0 J	9 s	790114	
"	"	"	12.5	2.0 J	9 s	"	
"	"	"	20	25 J	9 s	"	
HD 14826	2 21 46.9	+57 12 42	8.6	1.56 M	–	731203	CSI 79
"	"	"	11.3	0.82 M	–	"	"
"	"	"	18	0.45 M	–	"	"
W3 IRS3	2 21 50.1	+61 52 22	20	1.7 F	13 s	770104	740206
"	"	"	25	1.5 F	13 s	"	"
"	"	"	33	2.0 F	13 s	"	"
"	2 21 50.3	+61 52 21	8	S	–	780503	ED
"	"	"	8.0	50 I	10 s	"	"
"	"	"	9.7	20 I	10 s	"	"
"	"	"	10.8	30 I	10 s	"	"
"	"	"	11.8	50 I	10 s	"	"
"	"	"	12.7	60 I	10 s	"	"
"	"	"	20.0	60 I	10 s	"	"
W3 B IRS3	2 21 50.7	+61 52 21	1230	21.5 J	–	760601	
G133.7+1.2	2 21 52	+61 51 36	44	51000 J	5 M	740908	
"	"	"	64	67000 J	5 M	"	
"	"	"	79	66000 J	5 M	"	
"	"	"	94	62000 J	5 M	"	
"	"	"	186	28000 J	5 M	"	
AFGL 326	2 21 53	+61 51 42	11.0	−3.6 M	10 M	760913	
"	"	"	19.8	−6.9 M	10 M	"	
W3	2 21 53	+61 52 20	1000	34 J	1 M	761003	
W3 H2O	"	"	1230	40.0 J	–	760601	
W3	2 21 53.0	+61 52 21	30	8200 J	30 s	801204	ED
"	"	"	50	14000 J	30 s	"	"
"	"	"	100	15000 J	30 s	"	"
W3 IRS5	2 21 53.1	+61 52 20	5.0	D	4 s	811204	740206
"	"	"	8	S	7.5 s	770609	"
"	"	"	8	S	9 s	730808	"
"	"	"	8	30 F	9 s	"	"
"	"	"	8.7	D	0.4 s	820211	"
"	"	"	9.5	D	0.4 s	"	"
"	"	"	11.2	D	0.4 s	"	"
"	"	"	12.5	D	0.4 s	"	"
"	"	"	13	30 F	9 s	730808	"
"	"	"	20	5.4 F	13 s	770104	"
"	"	"	25	6.2 F	13 s	"	"
"	"	"	33	7.9 F	13 s	"	"
"	"	"	34	1800 J	4 s	750701	
"	"	"	34	2000 J	5.7 s	"	
"	"	"	34	370 J	12 s	730805	740206
"	"	"	1000	32 J	55 s	780210	"
"	2 21 53.2	+61 52 21	8	S	–	780503	ED
"	"	"	8.0	1000 I	10 s	"	"
"	"	"	8.5	300 I	10 s	"	"
"	"	"	9.7	30 I	10 s	"	"
"	"	"	10.8	80 I	10 s	"	"
"	"	"	11.8	300 I	10 s	"	"
"	"	"	12.7	500 I	10 s	"	"
"	"	"	20.0	200 I	10 s	"	"
W3 IRS6	2 21 53.9	+61 52 16	8	S	–	"	ED
W3 OH SOURCE2	2 21 54	+61 51 58	1230	47.8 JU	–	760601	
FIRSSE 18	2 21 55	+61 51 36	20	3932 J	10 M	830201	
"	"	"	27	13681 J	10 M	"	
"	"	"	40	11959 J	10 M	"	
"	"	"	93	27941 JL	10 M	"	
W3 A	2 21 55.0	+61 52 00	88.4	100 X	75 s	791008	
W3 IRS1 7"S	2 21 55.4	+61 52 14	8	S	–	780503	ED
W3 IRS1	2 21 55.4	+61 52 21	8	S	–	"	ED
W3 IRS1 7"N	2 21 55.4	+61 52 28	8	S	–	"	ED
W3 IRS1 14"N	2 21 55.4	+61 52 35	8	S	–	"	ED
W3 IRS1 21"N	2 21 55.4	+61 52 42	8	S	–	"	ED
W3 IRS1 28"N	2 21 55.4	+61 52 49	8	S	–	"	ED
W3 IRS1 35"N	2 21 55.4	+61 52 56	8	S	–	"	ED
W3 IRS1 42"N	2 21 55.4	+61 53 03	8	S	–	"	ED
W3 IRS1	2 21 56.0	+61 52 43	8	S	–	"	ED
"	"	"	8.0	100 I	10 s	"	"
"	"	"	8.5	60 I	10 s	"	"
"	"	"	9.7	70 I	10 s	"	"
"	"	"	10.8	70 I	10 s	"	"
"	"	"	11.8	80 I	10 s	"	"
"	"	"	12.7	70 I	10 s	"	"
"	"	"	20.0	140 I	10 s	"	"
W3 IRS2A	2 21 56.0	+61 52 45	8	S	–	"	ED
W3 IRS1	2 21 56.3	+61 52 55	6.99	4.7 X	27 s	811104	740206
W3 A IRS1	"	"	8	S	12 s	770609	"
W3 IRS1	"	"	11.6	614 J	60 s	791001	
W3 A	"	"	18.7	30 X	1 M	780807	
W3 IRS1	"	"	18.71	66 X	26 s	821102	791001
"	"	"	18.71	95.8 X	30 s	811104	740206
"	"	"	20	8.7 F	30 s	770104	"

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
"	h m s	° ′ ″	21	1340 J	60 s	791001	
"	"	"	25	5.1 F	30 s	770104	740206
"	"	"	33	2.2 F	30 s	"	"
"	"	"	33.3	S	26 s	821102	791001
"	"	"	33.47	28 X	26 s	"	"
"	"	"	88.4	70 XU	1.5 M	780807	
W3 IRS2	2 21 56.8	+61 52 42	6.83	1.84 F	27 s	810303	ED
"	"	"	6.97	2.34 F	27 s	"	"
"	"	"	7.11	1.95 F	27 s	"	"
"	"	"	8	S	–	780503	"
W3 IRS2 13"N	2 21 56.8	+61 52 55	6.83	1.67 F	27 s	810303	ED
"	"	"	6.97	2.17 F	27 s	"	"
"	"	"	7.11	1.78 F	27 s	"	"
W3 A IRS1,2	2 21 57	+61 52 48	1230	41.7 J	–	760601	
W3 IRS7	2 21 57.9	+61 52 11	8	S	–	780503	ED
W3 SOURCE 1	2 21 58	+61 52 24	69	36000 J	1 M	750801	
W3 IRS2 13"E	2 21 58.6	+61 52 42	6.83	1.42 F	27 s	810303	ED
"	"	"	6.97	2.16 F	27 s	"	"
"	"	"	7.11	1.50 F	27 s	"	"
AFGL 327	2 22 00	+57 11 36	19.8	−3.0 M	10 M	760913	
W3 A	2 22 00	+61 52	82	90000 J	12 M	800708	ED
"	"	"	92	1E5 J	12 M	"	"
W3	2 22 00	+61 52 30	86	S	4.4 M	780407	
"	"	"	88.4	310 X	4.4 M	"	
UCL 4	"	"	100	3.7E5 W	–	730901	
"	2 22 00	+61 52 54	100	3.9E5 W	–	751202	
AFGL 4021	2 22 06	+38 34 48	19.8	−3.0 M	10 M	760913	
W3 SOURCE 6	2 22 17	+61 51 24	69	500 J	1 M	750801	
W3	2 22 49	+61 51	45	S	6 M	770604	ED
W3 B	2 22 50.3	+61 52 17	9.0	300 G	6 s	820405	ED
"	"	"	12.8	34800 G	6 s	"	"
FIRSSE 19	2 22 56	+61 21 48	20	30 J	10 M	830201	
"	"	"	27	56 J	10 M	"	
"	"	"	93	332 J	10 M	"	
W3 A	2 22 57	+61 52 40	9.0	21800 G	6 s	820405	ED
"	"	"	12.8	1.7E5 G	6 s	"	"
W3 N	2 23 00	+62 02	82	12000 J	12 M	800708	ED
"	"	"	92	19000 J	12 M	"	"
"	2 23 01.8	+62 02 11	8.4	2.9 J	11 s	791001	
"	"	"	10.1	3.6 J	11 s	"	
"	"	"	10.6	4.3 J	11 s	"	
"	"	"	11.6	6.4 J	11 s	"	
"	"	"	12.5	6.1 J	11 s	"	
"	"	"	21	30 J	11 s	"	
UCL 4B	2 23 06	+62 02 30	100	59000 W	–	751202	
HD 14947	2 23 07.9	+58 39 04	10	4.82 MU	11 s	770504	CSI 79
W3 SOURCE 3	2 23 10	+62 02 54	69	2000 JL	1 M	750801	
AFGL 328	2 23 10	+62 03 06	11.0	−1.6 M	10 M	760913	
"	"	"	19.8	−4.6 M	10 M	"	
W3 OH	2 23 16.7	+61 38 56	40	4000 J	28 s	790511	
"	"	"	40	5800 J	50 s	"	
"	"	"	58	6000 J	28 s	"	
"	"	"	58	8600 J	50 s	"	
"	"	"	85	9500 J	50 s	"	
"	"	"	138	6900 J	50 s	"	
"	2 23 16.8	+61 38 53	1230	43.2 JU	–	760601	
"	2 23 17	+61 38 55	1000	27 J	1 M	761003	
UCL 4A	2 23 18	+61 39 12	100	1.1E5 W	–	751202	
FIRSSE 20	2 23 22	+62 03 06	20	1417 J	10 M	830201	
"	"	"	27	372 J	10 M	"	
"	"	"	93	1479 J	10 M	"	
AFGL 331	2 23 22	+61 38 48	11.0	−2.0 M	10 M	760913	
"	"	"	19.8	−3.5 M	10 M	"	
W3 SOURCE 2	2 23 24	+61 39 06	69	14000 J	1 M	750801	
AFGL 4195S	2 23 29	+ 0 22 54	19.8	−3.3 M	10 M	770706	
G133.9+1.1	2 23 29	+61 38 54	94	11000 J	5 M	740908	
W3(OH)	2 23 30	+61 40	82	22000 J	12 M	800708	ED
"	"	"	92	30000 J	12 M	"	"
SZ CAS	2 23 33.3	+59 14 11	10	3.89 MU	–	741008	779907
AFGL 332	2 23 34	+60 28 30	8.6	0.2 MV	26 s	800213	AFGL
"	"	"	10.7	−1.0 MV	26 s	"	"
"	"	"	11.0	−1.4 M	10 M	760913	
"	"	"	12.2	−0.9 MV	26 s	800213	AFGL
"	"	"	18	−1.6 M	26 s	"	"
FIRSSE 21	2 23 37	+61 40 06	27	1209 J	10 M	830201	
"	"	"	93	33437 JL	10 M	"	
BD+60 478	2 23 44.1	+60 29 48	8.6	0.23 M	–	731203	CSI 79
"	"	"	11.3	−1.08 M	–	"	"
"	"	"	18	−1.23 M	–	"	"
IRC+60091	2 23 45	+60 27 54	8.6	0.2 M	–	740705	IRC
"	"	"	10.7	−0.9 M	–	"	"
BS4	2 23 46.5	+61 42 30	10.6	0.25 J	11 s	791001	
"	"	"	21	19 JU	11 s	"	
W3 SOURCE 4	2 23 50	+61 42 18	69	1000 J	1 M	750801	
AFGL 333	2 24 13	+61 18 06	11.0	−1.1 M	10 M	760913	
"	2 24 30	+61 15	82	7000 J	12 M	800708	ED
"	"	"	92	10000 J	12 M	"	"
AFGL 334S	2 24 33	+26 43 18	19.8	−2.9 M	10 M	770706	
W3 SOURCE 5	2 24 37	+61 14 42	69	1500 J	1 M	750801	
AFGL 333	2 24 38	+61 15 20	50	270 J	40 s	790501	ED
"	"	"	100	320 J	40 s	"	"
FIRSSE 22	2 24 40	+60 40 24	20	19 J	10 M	830201	
"	"	"	93	93 J	10 M	"	
AFGL 335	2 24 44	+51 05 24	11.0	−0.6 M	10 M	760913	
FIRSSE 23	2 24 55	+61 17 36	20	91 J	10 M	830201	
"	"	"	27	115 J	10 M	"	
"	"	"	93	11454 JL	10 M	"	
IRC+70035	2 25 35	+69 01 30	8.6	1.1 M	–	740705	IRC
"	"	"	10.7	0.9 M	–	"	"
AFGL 4197S	2 25 49	+68 57 36	8.6	1.1 M	26 s	800213	770706
"	"	"	10.7	0.9 M	26 s	"	"
"	"	"	11.0	−0.4 M	10 M	770706	
"	"	"	19.8	−4.3 M	10 M	"	
AFGL 337	2 26 57	−26 20 00	11.0	−2.6 M	10 M	760913	
AFGL 338S	2 28 12	−21 17 18	11.0	−1.4 M	10 M	770706	
AFGL 4198S	2 28 12	−34 34 06	11.0	−1.2 M	10 M	"	
AFGL 339	2 28 14	−22 44 36	19.8	−2.9 M	10 M	760913	
HD 15497	2 28 15.3	+57 28 35	8.7	4.91 M	–	780704	CSI 79
"	"	"	10	4.46 M	11 s	770504	"
"	"	"	10	4.70 M	–	780704	"
"	"	"	11.4	4.65 M	–	"	"
AFGL 341	2 29 15	+57 50 12	11.0	−1.2 M	10 M	760913	
CRL 341	2 29 19.2	+57 49 27	11	90 J	–	760605	
"	2 29 21.1	+57 48 53	8.7	−0.36 M	11 s	760606	
"	"	"	10	−0.72 M	11 s	"	
"	"	"	11.4	−1.10 M	11 s	"	
"	"	"	12.5	−1.48 M	11 s	"	
"	"	"	19.5	−2.18 M	11 s	"	

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
"	h m s	° ′ ″	23	−2.47 M	11 s	"	
3C 68.1	2 29 27.2	+34 10 34	10	1.44 QU	V	790509	809908
"	"	"	10.6	0.028 JU	5.5 s	821201	"
AFGL 343S	2 30 01	−26 50 00	11.0	−0.6 M	10 M	770706	
"	"	"	19.8	−3.5 M	10 M	"	
UX AND	2 30 13.1	+45 26 06	20	−2.34 M	–	741002	779907
AFGL 344S	2 30 18	+ 0 18 36	19.8	−2.5 M	10 M	770706	
AFGL 346S	2 30 20	−16 54 54	19.8	−4.6 M	10 M	"	
AFGL 347	2 30 29	+45 25 12	11.0	−2.1 M	10 M	760913	
"	"	"	19.8	−2.8 M	10 M	"	
AFGL 4201S	2 30 29	−70 39 54	11.0	−2.0 M	10 M	770706	
AFGL 348	2 31 19	−13 20 54	8.4	1.7 M	11 s	800213	AFGL
"	"	"	11.2	1.4 M	11 s	"	"
U CET	2 31 19.5	−13 22 01	8.4	1.67 C	–	710203	CSI 79
"	"	"	11.0	1.41 C	–	"	"
AFGL 349	2 31 41	+64 56 12	8.6	−1.9 MV	26 s	800213	AFGL
"	"	"	10.7	−2.7 MV	26 s	"	"
"	"	"	11.0	−2.8 M	10 M	760913	
"	"	"	12.2	−2.8 MV	26 s	800213	AFGL
"	"	"	18	−3.6 MV	26 s	"	"
"	"	"	19.8	−4.4 M	10 M	760913	
CIT 4	2 31 42	+64 55	8.6	−1.9 MV	20 s	741201	661001
"	"	"	10.7	−2.9 MV	20 s	"	"
"	"	"	12.2	−2.8 MV	20 s	"	"
"	"	"	18	−3.8 M	20 s	"	"
IRC+60092	2 31 43	+64 56 36	5.0	−14.3 R	–	740401	IRC
"	"	"	10.2	−14.6 R	–	"	"
AFGL 4206S	2 31 59	−34 48 48	19.8	−3.6 M	10 M	770706	
AFGL 351	2 32 36	+34 28 06	11.0	−0.7 M	10 M	760913	
MAFFEI 1	2 32 36	+59 25 48	10	0.077 J	6 s	720901	740903
PHL 1377	2 32 36.6	− 4 15 10	10	0.13 JU	6 s	"	809908
AFGL 4024	2 32 53	−70 53 24	11.0	−2.1 M	10 M	760913	
R TRI	2 33 59.8	+34 02 52	5.0	−14.7 RV	–	740401	779907
"	"	"	10.2	−15.6 RV	–	"	"
"	"	"	20	−1.00 M	9 s	731104	"
AFGL 355	2 34 04	+34 02 24	11.0	−0.6 M	10 M	760913	
AFGL 356S	2 34 11	+27 29 12	19.8	−3.0 M	10 M	770706	
AFGL 4210S	2 34 31	+56 48 24	8.4	1.4 M	11 s	800213	770706
"	"	"	11.2	−0.3 M	11 s	"	"
AFGL 4211S	2 34 33	−36 01 42	19.8	−3.6 M	10 M	770706	
YZ PER	2 34 46.9	+56 49 49	8.4	1.35 C	–	710203	779907
"	"	"	8.6	0.98 M	–	731203	"
"	"	"	11.0	−0.25 C	–	710203	"
"	"	"	11.3	−0.25 M	–	731203	"
"	"	"	18	−0.44 M	–	"	"
AFGL 4213S	2 35 04	+64 47 48	11.0	−1.5 M	10 M	770706	
"	"	"	19.8	−3.4 M	10 M	"	
AFGL 357	2 35 14	−27 10 30	8.6	−1.3 M	26 s	800213	AFGL
"	"	"	10.7	−2.2 M	26 s	"	"
"	"	"	11.0	−2.7 M	10 M	760913	
"	"	"	12.2	−1.4 M	26 s	800213	AFGL
"	"	"	19.8	−3.4 M	10 M	760913	
AFGL 358S	2 35 43	− 9 47 48	11.0	−1.2 M	10 M	770706	
AFGL 4215S	2 35 45	−14 37 12	11.0	−1.0 M	10 M	"	
AO 0235+164	2 35 52.6	+16 24 05	8.4	0.290 JV	–	760411	809908
"	"	"	10.6	0.311 JV	–	"	"
"	"	"	11	0.320 JV	–	"	"
"	"	"	12.6	0.370 JV	–	"	"
"	"	"	19	0.430 JV	–	"	"
"	"	"	21	0.810 JV	–	"	"
0235+16	"	"	1000	0.9 JV	55 s	780210	"
"	"	"	1000	1.7 J	55 s	810103	"
AO 0235+16	"	"	1000	1.7 J	55 s	821106	"
AFGL 360	2 36 06	+80 55 36	19.8	−2.0 M	10 M	760913	
AFGL 361	2 36 16	+60 12 18	11.0	−2.0 M	10 M	"	
"	"	"	19.8	−3.1 M	10 M	"	
FJM 5	2 36 34	+64 51	100	90000 X	4.5 M	720902	
AFGL 363	2 36 40	+ 6 08 18	19.8	−3.7 M	10 M	760913	
HD 16523	2 37 32.9	+56 30 59	10	4.6 MU	V	750505	CSI 79
"	"	"	10.0	5.19 MU	11 s	740907	"
PKS 0237-23	2 37 52.7	−23 22 09	10	1.28 QU	V	790509	809908
FIRSSE 24	2 38 01	+59 23 12	93	135 J	10 M	830201	
MAFFEI 2	2 38 10.1	+59 23 32	10	0.2 J	5.7 s	780305	729905
AFGL 368S	2 38 16	+62 03 18	11.0	−0.9 M	10 M	770706	
NGC 1052	2 38 37.0	− 8 28 05	10	0.3 J	V	700306	759903
"	"	"	10	0.19 J	6 s	720901	"
"	"	"	10.4	0.120 J	5.5 s	820106	"
"	"	"	10.6	0.111 J	4 s	821204	"
"	"	"	10.6	0.118 J	5.5 s	820106	"
"	"	"	20.4	0.460 J	4 s	821204	"
"	"	"	21	0.379 J	5.5 s	820106	"
FIRSSE 25	2 38 43	+53 18 24	93	237 J	10 M	830201	
FIRSSE 26	2 39 01	+62 42 54	20	58 J	10 M	"	
"	"	"	27	91 J	10 M	"	
"	"	"	40	404 J	10 M	"	
"	"	"	93	389 J	10 M	"	
NGC 1068	2 40 06	− 0 01 42	150	25000 X	7 M	701103	
"	2 40 06.5	− 0 13 32	5	6.4 JV	–	710906	769909
"	"	"	5.0	7.2 J	V	700306	"
"	"	"	5.0	3.2 J	6 s	720901	"
"	"	"	5.0	5.3 J	–	750701	"
"	"	"	8	S	V	760810	"
"	"	"	8	S	13 s	750806	"
"	"	"	8.0	S	5 s	810501	"
"	"	"	8.4	12.9 J	–	750701	"
"	"	"	8.6	1.0 M	11 s	740605	"
"	"	"	8.8	12.7 J	–	750701	"
"	"	"	10	30 J	5 s	700904	"
"	"	"	10	0.8 M	5 s	731201	"
"	"	"	10	25 J	5.7 s	780305	"
"	"	"	10	24.6 JV	6 s	721102	"
"	"	"	10	25 JE	6 s	710602	"
"	"	"	10	22.3 JV	6 s	710906	"
"	"	"	10	25 J	6 s	720901	"
"	"	"	10	23.0 JV	20 s	710906	"
"	"	"	10	25 JE	20 s	710602	"
"	"	"	10.2	30.6 J	V	700306	"
"	"	"	10.2	P	12 s	740802	"
"	"	"	10.3	0.7 M	11 s	740605	"
"	"	"	10.4	17.8 J	–	750701	"
"	"	"	10.6	18 J	8.5 s	790405	"
"	"	"	10.6	18.00 J	–	781209	"
"	"	"	11	25.1 JV	–	740104	"
"	"	"	11.3	0.4 M	11 s	740605	"
"	"	"	11.6	26.9 J	–	750701	"
"	"	"	12.4	−0.2 M	11 s	740605	"
"	"	"	12.6	31.2 J	–	750701	"
"	"	"	12.8	−0.6 M	11 s	740605	"
"	"	"	16	S	30 s	801202	"
"	"	"	16.5	59 J	5 s	780506	"
"	"	"	17	54 J	–	750701	"
"	"	"	17.7	67 J	5 s	780506	"
"	"	"	18	−1.8 M	11 s	740605	"
"	"	"	18.4	P	12 s	740802	"
"	"	"	19	72 J	5 s	780506	"
"	"	"	19	65 J	–	750701	"
"	"	"	20	0.79 M	5 s	801005	"
"	"	"	20	0.85 M	7 s	"	"
"	"	"	20	1.07 M	25 s	"	"
"	"	"	21	56 J	6 s	720901	"
"	"	"	21	66 J	8.5 s	790405	"
"	"	"	21	66 J	–	750701	"
"	"	"	22	80 J	V	700306	"
"	"	"	22	62 J	5 s	780506	"
"	"	"	22	−1.7 M	11 s	740605	"
"	"	"	22.5	68 J	–	750701	"
"	"	"	24.5	78 J	–	"	"
"	"	"	25	59.9 J	13 s	750806	"
"	"	"	26	60 J	5 s	780506	"
"	"	"	27	−2.0 M	11 s	740605	"
"	"	"	33	37.0 J	13 s	750806	"
"	"	"	33.5	74 J	–	750701	"
"	"	"	34	72 J	4 s	"	"
"	"	"	34	90 JV	5.7 s	"	"
"	"	"	34	71 J	8.5 s	"	"
"	"	"	38	85 J	28 s	800108	"
"	"	"	38	132 J	50 s	760104	"
"	"	"	38	132 J	50 s	800108	"
"	"	"	60	91 J	28 s	"	"
"	"	"	61	168 J	50 s	"	"
"	"	"	61	168 J	50 s	760104	"
"	"	"	88	330 J	45 s	770901	"
"	"	"	88	330 J	45 s	800108	"
"	"	"	93	454 J	50 s	"	"
"	"	"	93	454 J	50 s	760104	"
"	"	"	100	300 JU	2.2 M	730602	"
"	"	"	110	760 JU	5 M	"	"
"	"	"	134	272 J	45 s	800108	"
"	"	"	134	272 J	45 s	770901	"
"	"	"	141	268 J	50 s	800108	"
"	"	"	141	268 J	50 s	760104	"
"	"	"	350	350 JU	1 M	721003	"
"	"	"	390	32 J	V	770901	"
"	"	"	540	7 JU	83 s	"	"
"	"	"	1000	0.6 J	55 s	780210	"
"	"	"	1670	7.1 JU	1 M	761201	"
AFGL 4220S	2 40 18	+ 0 12 24	19.8	−2.7 M	10 M	770706	
AFGL 371	2 40 44	+36 02 18	8.4	0.32 M	17 s	790401	
"	"	"	11.2	−0.79 M	17 s	"	
"	"	"	12.5	−0.60 M	17 s	"	
"	2 40 47	+36 02 24	11.0	−1.1 M	10 M	760913	
AFGL 373	2 42 40	+62 48 30	8.6	0.7 M	26 s	800213	AFGL
"	"	"	10.7	−0.1 M	26 s	"	"
"	"	"	11.0	−0.7 M	10 M	760913	
"	"	"	12.2	−0.9 M	26 s	800213	AFGL
AFGL 4222S	2 43 00	− 1 29 42	11.0	−2.4 M	10 M	770706	
FIRSSE 27	2 43 29	+61 45 18	27	48 J	10 M	830201	
"	"	"	93	244 J	10 M	"	
AFGL 374S	2 43 50	−28 16 12	11.0	−1.0 M	10 M	770706	
"	"	"	19.8	−3.2 M	10 M	"	
NGC 1097POS11	2 44 10.5	−30 29 06	10.2	0.015 J	5 s	810706	ED
NGC 1097POS10	2 44 10.7	−30 29 06	10.2	0.079 J	5 s	"	ED
NGC 1097POS33	2 44 10.9	−30 29 02	10.2	0.120 J	5 s	"	ED
NGC 1097POS9	2 44 10.9	−30 29 06	10.2	0.091 J	5 s	"	ED
"	"	"	20	0.209 J	5 s	"	"
NGC 1097POS8	2 44 11.1	−30 29 06	10.2	0.072 J	5 s	"	ED
NGC 1097POS28	2 44 11.1	−30 29 12	10.2	0.144 J	5 s	"	ED
NGC 1097POS27	2 44 11.3	−30 29 03	10.2	0.071 J	5 s	"	ED
NGC 1097POS7	2 44 11.3	−30 29 06	10.2	−0.01 J	5 s	"	ED
NGC 1097POS25	2 44 11.3	−30 29 09	10.2	0.029 J	5 s	"	ED
NGC 1097POS32	2 44 11.3	−30 29 16	10.2	0.150 J	5 s	"	ED
NGC 1097POS24	2 44 11.4	−30 29 03	10.2	0.030 J	5 s	"	ED
NGC 1097POS34	2 44 11.4	−30 29 12	10.2	0.116 J	5 s	"	ED
NGC 1097POS16	2 44 11.5	−30 28 51	10.2	−0.02 J	5 s	"	ED
NGC 1097POS15	2 44 11.5	−30 28 54	10.2	0.011 J	5 s	"	ED
NGC 1097POS14	2 44 11.5	−30 28 57	10.2	0.092 J	5 s	"	ED
NGC 1097POS13	2 44 11.5	−30 29 00	10.2	0.112 J	5 s	"	ED
NGC 1097POS12	2 44 11.5	−30 29 03	10.2	0.047 J	5 s	"	ED
NGC 1097	2 44 11.5	−30 29 06	10	0.060 JU	5.7 s	780305	759903
NGC 1097POS1	"	"	10.2	0.065 J	5 s	810706	"
"	"	"	20	0.240 J	5 s	"	"
NGC 1097POS17	2 44 11.5	−30 29 09	10.2	0.051 J	5 s	"	ED
NGC 1097POS18	2 44 11.5	−30 29 12	10.2	0.041 J	5 s	"	ED
NGC 1097POS19	2 44 11.5	−30 29 15	10.2	0.084 J	5 s	"	ED
NGC 1097POS20	2 44 11.5	−30 29 18	10.2	0.090 J	5 s	"	ED
NGC 1097POS21	2 44 11.5	−30 29 21	10.2	0.029 J	5 s	"	ED
NGC 1097POS22	2 44 11.5	−30 29 24	10.2	0.017 J	5 s	"	ED
NGC 1097POS23	2 44 11.7	−30 29 03	10.2	0.058 J	5 s	"	ED
NGC 1097POS2	2 44 11.7	−30 29 06	10.2	−0.02 J	5 s	"	ED
NGC 1097POS26	2 44 11.7	−30 29 09	10.2	0.016 J	5 s	"	ED
NGC 1097POS30	2 44 11.8	−30 28 58	10.2	0.043 J	5 s	"	ED
NGC 1097POS3	2 44 11.9	−30 29 06	10.2	0.040 J	5 s	"	ED
NGC 1097POS31	2 44 12.1	−30 29 02	10.2	−0.01 J	5 s	"	ED
NGC 1097POS4	2 44 12.1	−30 29 06	10.2	0.106 J	5 s	"	ED
NGC 1097POS29	2 44 12.1	−30 29 10	10.2	0.095 J	5 s	"	ED
NGC 1097POS5	2 44 12.3	−30 29 06	10.2	0.027 J	5 s	"	ED
NGC 1097POS6	2 44 12.5	−30 29 06	10.2	0.001 J	5 s	"	ED
TX PER	2 44 53.5	+36 45 32	11.3	2.4 M	–	721203	779907
AFGL 377	2 44 55.5	+29 02 27	8.4	1.94 M	17 s	790401	
"	"	"	11.2	1.83 M	17 s	"	
"	"	"	12.5	1.94 M	17 s	"	
AFGL 378	2 45 29	−12 39 18	8.4	0.2 M	11 s	800213	AFGL
"	"	"	11.0	−1.0 M	10 M	760913	
"	"	"	11.2	−0.8 M	11 s	800213	AFGL
T ARI	2 45 31.9	+17 18 06	5.0	−14.5 R	–	740401	CSI 79
"	"	"	10.2	−15.5 R	–	"	"
AFGL 379	2 45 32.0	+17 18 07	8.4	−0.49 M	17 s	790401	
"	"	"	11.2	−0.94 M	17 s	"	
"	"	"	12.5	−1.10 M	17 s	"	
Z ERI	2 45 32.0	−12 40 03	8.4	0.18 C	–	710203	CSI 79
"	"	"	8.4	0.18 C	–	710405	"
"	"	"	8.4	−0.10 CV	–	750104	"
"	"	"	11	−0.86 CV	–	"	"
"	"	"	11.0	−0.84 C	–	710405	"
"	"	"	11.0	−0.84 C	–	710203	"
AFGL 378	2 45 32.1	−12 40 04	8.4	−0.14 M	17 s	790401	

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
"	h m s	° ′ ″	11.2	−0.75 M	17 s	"	
"	"	"	12.5	−0.23 M	17 s	"	
AFGL 379	2 45 34	+17 17 54	11.0	−0.9 M	10 M	760913	
"	"	"	19.8	−3.1 M	10 M	"	
FIRSSE 28	2 45 44	+60 28 36	20	61 J	10 M	830201	
"	"	"	27	82 J	10 M	"	
"	"	"	40	259 J	10 M	"	
"	"	"	93	756 J	10 M	"	
HD 17378A	2 45 48.3	+56 52 37	8.7	3.49 M	–	780704	CSI 79
HD 17378	"	"	8.7	3.49 M	–	741105	"
"	"	"	10	3.47 M	11 s	770504	"
HD 17378A	"	"	10	3.60 M	–	780704	"
HD 17378	"	"	10.0	3.60 M	–	741105	"
HD 17378A	"	"	11.4	3.13 M	–	780704	"
HD 17378	"	"	11.4	3.13 M	–	741105	"
FIRSSE 29	2 46 01	+59 30 00	93	316 J	10 M	830201	
FIRSSE 30	2 46 02	+61 46 30	20	76 J	10 M	"	
"	"	"	27	127 J	10 M	"	
"	"	"	93	342 J	10 M	"	
MARK 372	2 46 31.1	+19 05 57	10.6	0.014 J	–	781209	789906
"	"	"	1570	62 JU	1 M	761201	"
AFGL 381	2 46 36	+56 46 00	8.4	0.4 M	11 s	800213	AFGL
"	"	"	11.0	−1.3 M	10 M	760913	
"	"	"	11.2	−1.3 M	11 s	800213	AFGL
"	"	"	19.8	−3.3 M	10 M	760913	
FIRSSE 31	2 46 40	+55 40 24	93	169 J	10 M	830201	
AFGL 381	2 46 55.3	+56 46 38	8.4	0.31 M	17 s	790401	
"	"	"	11.2	−1.26 M	17 s	"	
"	"	"	12.5	−1.21 M	17 s	"	
W PER	2 46 55.4	+56 46 38	5.0	1.28 M	–	700302	779907
"	"	"	8.4	0.44 CV	–	750104	"
"	"	"	8.4	0.42 C	–	710203	"
"	"	"	10.2	−0.41 M	–	700302	"
"	"	"	11	−1.14 CV	–	750104	"
"	"	"	11.0	−1.25 C	–	710203	"
"	"	"	20	−2.41 M	9 s	731104	"
"	"	"	22.0	−2.54 M	–	700302	"
ETA PER	2 47 01.9	+55 41 22	8.6	−0.2 M	–	721203	CSI 79
"	"	"	11.3	−0.2 M	–	"	"
FIRSSE 32	2 47 27	+60 30 36	93	644 J	10 M	830201	
HD 17603	2 48 04.6	+56 50 35	10	4.49 MU	11 s	770504	CSI 79
HD 17638	2 48 28.1	+56 43 33	10	4.7 MU	V	750505	CSI 79
"	"	"	10.0	4.95 MU	11 s	740907	"
AFGL 386	2 48 44	+53 48 06	11.0	−0.5 M	10 M	760913	
AFGL 387	2 48 56	+54 40 42	19.8	−3.1 M	10 M	"	
AFGL 4230S	2 49 12	−41 09 36	19.8	−3.6 M	10 M	770706	
AFGL 389	2 49 13	+14 12 48	11.0	−0.8 M	10 M	760913	
AFGL 393	2 50 15	+74 07 24	11.0	−1.2 M	10 M	"	
HD 17971	2 52 00.0	+60 11 28	8.7	3.78 M	–	741105	CSI 79
"	"	"	11.4	4.03 M	–	"	"
R HOR	2 52 11.9	−50 05 32	8.1	413 J	15 s	800510	CSI 79
"	"	"	8.4	−2.21 M	–	760307	"
"	"	"	9.57	462 J	15 s	800510	"
"	"	"	9.7	−3.25 M	–	760307	"
"	"	"	10	522 J	15 s	800510	"
"	"	"	10.1	−2.6 C	–	721001	"
"	"	"	10.2	−3.50 MV	–	720501	"
"	"	"	10.5	−3.44 M	–	760307	"
"	"	"	11.2	−3.34 M	–	"	"
"	"	"	12.2	400 J	15 s	800510	"
"	"	"	12.5	−3.18 M	–	760307	"
"	"	"	19.5	−3.3 C	–	721001	"
"	"	"	20	194 J	15 s	800510	"
"	"	"	20	−3.9 M	–	720501	"
"	"	"	20	−4.11 M	–	760307	"
"	"	"	30	145 J	15 s	800510	"
AFGL 400	2 53 05	+54 27 00	11.0	−0.3 M	10 M	760913	
AFGL 401	2 53 08	+18 07 30	11.0	−1.3 M	10 M	"	
FIRSSE 33	2 53 13	+60 08 48	20	58 J	10 M	830201	
"	"	"	27	63 J	10 M	"	
"	"	"	40	347 J	10 M	"	
"	"	"	93	893 J	10 M	"	
AFGL 402S	2 53 32	+55 44 42	19.8	−2.9 M	10 M	770706	
LKHA 264	2 53 46.9	+19 53 34	10	4.55 M	11 s	741108	729902
AFGL 4234S	2 53 47	− 6 17 00	11.0	−1.3 M	10 M	770706	
"	"	"	19.8	−3.1 M	10 M	"	
FIRSSE 34	2 53 52	+60 35 48	20	22 J	10 M	830201	
"	"	"	93	690 J	10 M	"	
AFGL 403	2 54 00	− 9 05 06	19.8	−3.1 M	10 M	760913	
AFGL 4235S	2 55 16	−12 13 48	19.8	−3.7 M	10 M	770706	
HD 18391	2 56 01.2	+57 27 52	8.7	1.88 M	–	741105	CSI 79
"	"	"	10.0	1.91 M	–	"	"
"	"	"	11.4	1.94 M	–	"	"
"	"	"	12.6	1.93 M	–	"	"
IRC+30055	2 56 39	+29 38 24	5.0	−15.3 R	–	740401	IRC
"	"	"	10.2	−16.1 R	–	"	"
AFGL 409	2 56 52	+41 19 18	11.0	−1.8 M	10 M	760913	
AFGL 4029	2 57 17	+60 16 54	19.8	−3.6 M	10 M	"	
AFGL 4029.1	–	–	8.6	2.3 MV	8.5 s	800213	ED
"	–	–	10.7	2.4 MV	8.5 s	"	"
"	–	–	11.2	1.4 M	17 s	"	"
"	–	–	12.2	1.3 MV	8.5 s	"	"
"	–	–	18	−1.0 MV	8.5 s	"	"
AFGL 4029.2	–	–	8.4	2.4 M	17 s	"	"
"	–	–	11.2	2.1 M	17 s	"	"
"	–	–	12.5	1.8 M	17 s	"	"
W5 EAST #1	2 57 23.9	+60 17 28	50	30 J	40 s	801205	ED
"	"	"	100	60 J	40 s	"	"
W5 EAST #2	2 57 27.5	+60 17 28	50	90 J	40 s	"	ED
"	"	"	100	110 J	40 s	"	"
W5 EAST #3	2 57 31.1	+60 17 28	50	440 J	40 s	"	ED
"	"	"	100	380 J	40 s	"	"
AFGL 4029	2 57 32.5	+60 17 22	8.4	2.14 MV	17 s	790401	
"	"	"	11.2	1.71 MV	17 s	"	
"	"	"	12.5	1.43 MV	17 s	"	
W5 EAST #11	2 57 34.7	+60 16 32	50	20 JU	40 s	801205	ED
"	"	"	100	140 JU	40 s	"	"
W5 EAST #10	2 57 34.7	+60 17 00	50	230 J	40 s	"	ED
"	"	"	100	400 J	40 s	"	"
W5 EAST #4	2 57 34.7	+60 17 28	50	540 J	40 s	"	ED
"	"	"	100	540 J	40 s	"	"
W5 EAST #9	2 57 34.7	+60 17 56	50	90 J	40 s	"	ED
"	"	"	100	160 J	40 s	"	"
W5 EAST #8	2 57 34.7	+60 18 24	50	20 JU	40 s	"	ED
"	"	"	100	20 JU	40 s	"	"
W5 EAST #7	2 57 34.7	+60 18 52	50	20 JU	40 s	"	ED
"	"	"	100	40 JU	40 s	"	"
W5 EAST #5	2 57 38.3	+60 17 28	50	210 J	40 s	"	ED

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
"	h m s	° ′ ″	100	330 J	40 s	"	"
FIRSSE 35	2 57 39	+60 17 18	20	157 J	10 M	830201	
"	"	"	27	202 J	10 M	"	
"	"	"	40	262 J	10 M	"	
"	"	"	93	5866 JL	10 M	"	
W5 EAST #6	2 57 41.9	+60 17 28	50	70 J	40 s	801205	ED
"	"	"	100	170 J	40 s	"	"
AFGL 414	2 58 34	+21 36 18	8.6	0.8 MU	26 s	800213	AFGL
"	"	"	10.6	0.4 M	26 s	"	"
"	"	"	10.7	−0.4 M	26 s	"	"
"	"	"	19.8	−3.1 M	10 M	760913	
IRC+20052	2 58 43	+21 36 06	5.0	−15.0 R	–	740401	IRC
"	"	"	8.6	0.8 MU	–	740705	"
"	"	"	10	0.4 M	–	"	"
"	"	"	10.2	−15.9 R	–	740401	"
"	"	"	10.7	−0.4 M	–	740705	"
FIRSSE 36	2 59 00	+60 14 30	20	174 J	10 M	830201	
"	"	"	27	240 J	10 M	"	
"	"	"	93	3366 JL	10 M	"	
AFGL 416	2 59 13	+60 18 30	11.0	−0.4 M	10 M	760913	
"	"	"	11.2	3.82 M	17 s	790401	AFGL
"	"	"	11.2	3.8 M	17 s	800213	"
AFGL 416.2	–	–	8.4	3.6 M	17 s	"	ED
"	–	–	11.2	3.0 M	17 s	"	"
AFGL 415S	2 59 19	−16 33 00	11.0	−0.5 M	10 M	770706	
AFGL 416	2 59 22.0	+60 16 15	10.6	1.5 M	15 s	790106	
AFGL 417S	2 59 33	+16 25 12	19.8	−3.2 M	10 M	770706	
ALF CET	2 59 39.7	+ 3 53 39	5.0	−1.32 C	–	640501	CSI 79
"	"	"	5.0	−1.67 M	–	700302	"
"	"	"	8.4	−1.63 C	–	710203	"
"	"	"	8.4	−1.63 C	–	710405	"
"	"	"	8.4	−1.69 M	–	730002	"
"	"	"	10	4.52 F	V	660501	"
"	"	"	10	−2.00 M	5 s	731201	"
"	"	"	10	9.35 F	5.9 s	640201	"
"	"	"	10	−1.62 C	–	670801	"
"	"	"	10.2	−1.72 M	–	700302	"
"	"	"	10.2	−1.69 M	–	730002	"
"	"	"	10.4	−1.56 C	–	640501	"
"	"	"	11	−1.97 M	–	710403	"
"	"	"	11.0	−1.86 C	–	710405	"
"	"	"	11.0	−1.86 C	–	710203	"
"	"	"	11.2	−1.72 M	–	730002	"
"	"	"	20	−2.09 M	9 s	731104	"
"	"	"	22.0	−1.68 M	–	700302	"
AFGL 419	2 59 42	+ 3 53 06	8.4	−1.6 M	11 s	800213	AFGL
"	"	"	11.0	−1.9 M	10 M	760913	
"	"	"	11.2	−1.9 M	11 s	800213	AFGL
AFGL 4241S	2 59 45	− 5 08 18	8.6	0.6 MU	26 s	"	770706
"	"	"	10.7	−0.7 M	26 s	"	"
AFGL 421S	3 00 06	−22 58 24	19.8	−3.1 M	10 M	770706	
AFGL 422S	3 00 09	+43 41 24	19.8	−3.3 M	10 M	"	
4C 47.08	3 00 10.0	+47 04 33	1000	1.0 J	55 s	821106	809908
0300+47	"	"	1000	1.0 J	55 s	810103	"
AFGL 423S	3 00 12	− 9 16 30	11.0	−1.6 M	10 M	770706	
AFGL 425	3 01 13	+53 18 18	8.6	0.6 M	26 s	800213	AFGL
"	"	"	10.7	0.8 M	26 s	"	"
AFGL 426S	3 01 33	+31 18 18	19.8	−3.6 M	10 M	770706	
AFGL 4244S	3 01 39	−15 24 00	19.8	−2.9 M	10 M	"	
AFGL 4245S	3 01 51	−12 59 24	11.0	−1.3 M	10 M	"	
AFGL 428	3 01 54	+38 38 48	8.4	−2.2 M	11 s	800213	AFGL
"	"	"	11.0	−2.5 M	10 M	760913	
"	"	"	11.2	−2.3 M	11 s	800213	AFGL
RHO PER	3 01 57.9	+38 38 52	5.0	−1.93 M	–	700302	779907
"	"	"	8.4	−2.15 C	–	710405	"
"	"	"	8.4	−2.15 C	–	710203	"
"	"	"	10	16.1 F	5.9 s	640201	"
"	"	"	10	−1.97 C	–	670801	"
BS 921	"	"	10.0	−1.97 M	–	751004	"
RHO PER	"	"	10.2	−2.06 M	–	700302	"
"	"	"	10.4	−1.97 C	–	640501	"
"	"	"	11	−2.23 M	–	710403	"
"	"	"	11.0	−2.28 C	–	710405	"
"	"	"	11.0	−2.28 C	–	710203	"
"	"	"	20	−2.50 M	9 s	731104	"
"	"	"	22.0	−2.37 M	–	700302	"
AFGL 434	3 03 00	+55 33 36	8.6	−0.9 MV	26 s	800213	AFGL
"	"	"	10.7	−2.1 MV	26 s	"	"
"	"	"	11.0	−2.2 M	10 M	760913	
"	"	"	12.2	−2.0 MV	26 s	800213	AFGL
"	"	"	19.8	−3.5 M	10 M	760913	
IO PER	3 03 03	+55 33 03	20	−3.15 M	–	741002	GCVS
AFGL 4247S	3 03 16	+74 31 48	19.8	−2.9 M	10 M	770706	
AFGL 437 W	3 03 31.3	+58 19 19	5	S	6.7 s	810610	
CRL 437	"	"	10.6	6 J	12 s	780106	
AFGL 437	3 03 31.7	+58 19 07	8	S	10 s	770705	ED
"	"	"	10	7.5 J	12 s	"	"
AFGL 437 N	3 03 32.0	+58 19 23	5	S	6.7 s	810610	
AFGL 437 S	3 03 32.2	+58 19 13	5	S	6.7 s	"	
FIRSSE 37	3 03 37	+58 19 06	20	299 J	10 M	830201	
"	"	"	27	388 J	10 M	"	
"	"	"	40	612 J	10 M	"	
"	"	"	93	1609 J	10 M	"	
FIRSSE 38	3 03 51	+55 36 30	93	70 J	10 M	"	
AFGL 436S	3 03 56	+31 12 48	19.8	−3.6 M	10 M	770706	
AFGL 437	3 03 58	+58 16 42	10.6	3.0 M	8.5 s	800213	AFGL
"	"	"	11.0	0.1 M	10 M	760913	
"	"	"	18	−2.2 M	8.5 s	800213	AFGL
"	"	"	19.8	−3.1 M	10 M	760913	
AFGL 438S	3 03 59	+38 45 36	11.0	−1.3 M	10 M	770706	
AFGL 440	3 04 03	+58 50 12	8.6	1.7 M	26 s	800213	AFGL
"	"	"	10.7	0.4 M	26 s	"	"
"	"	"	12.2	0.3 M	26 s	"	"
BET PER	3 04 54.4	+40 45 52	5	2.2 ME	–	730306	779907
"	"	"	8.6	1.77 MV	–	751106	"
"	"	"	8.7	1.88 M	11 s	740807	"
"	"	"	10	1.94 M	11 s	"	"
"	"	"	10	1.7 MV	–	780803	"
"	"	"	11.3	1.67 MV	–	751106	"
"	"	"	11.4	2.02 M	11 s	740807	"
"	"	"	19.5	0.25 MU	11 s	"	"
AFGL 443	3 04 59	+40 46 24	19.8	−2.5 M	10 M	760913	
FIRSSE 39	3 06 36	+56 38 54	20	30 J	10 M	830201	
"	"	"	27	67 J	10 M	"	
"	"	"	40	526 J	10 M	"	
"	"	"	93	804 J	10 M	"	
3C 79	3 07 11.3	+16 54 37	1570	66 JU	1 M	761201	769906
NGC 1232	3 07 30.0	−20 46 13	10	0.070 JU	5.7 s	780305	759903

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
AFGL 453	3 07 38	+57 42 36	8.6	1.1 M	26 s	800213	AFGL
"	"	"	10.7	0.9 M	26 s	"	"
"	"	"	11.0	−0.7 M	10 M	760913	
"	"	"	12.2	0.3 M	26 s	800213	AFGL
AFGL 454	3 08 04	−47 56 48	19.8	−5.1 M	10 M	760913	
AFGL 455	3 08 24	+14 35 48	11.0	−0.5 M	10 M	"	
AFGL 4030	3 08 33	−56 32 24	19.8	−5.3 M	10 M	"	
AFGL 4256S	3 08 44	− 4 01 00	11.0	−0.1 M	10 M	770706	
AFGL 457	3 08 49	+74 03 12	8.6	2.0 M	26 s	800213	AFGL
"	"	"	10.7	1.6 M	26 s	"	"
"	"	"	12.2	1.6 M	26 s	"	"
"	"	"	19.8	−3.1 M	10 M	760913	
AFGL 458	3 08 56	−33 43 48	19.8	−4.2 M	10 M	"	
AFGL 4258S	3 09 33	+55 31 12	11.0	−0.3 M	10 M	770706	
AFGL 462S	3 10 35	+47 06 36	18	1.1 M	26 s	800213	770706
HD 20041	3 11 57.0	+56 57 21	8.7	3.57 M	–	780704	CSI 79
"	"	"	10	3.61 M	–	"	"
"	"	"	11.4	3.56 M	–	"	"
AFGL 464	3 11 58	+46 23 54	8.6	0.6 M	26 s	800213	AFGL
"	"	"	10.7	−0.4 M	26 s	"	"
"	"	"	11.0	−0.7 M	10 M	760913	
"	"	"	12.2	0.1 M	26 s	800213	AFGL
AFGL 466	3 12 14	+64 34 06	11.0	0.1 M	10 M	760913	
AFGL 467	3 12 32	+45 10 12	8.6	1.3 M	26 s	800213	AFGL
AFGL 468S	3 12 50	−25 44 18	19.8	−4.0 M	10 M	770706	
AFGL 469S	3 13 05	−23 47 24	19.8	−3.4 M	10 M	"	
AFGL 470S	3 13 54	− 8 45 48	19.8	−4.0 M	10 M	"	
AFGL 4266S	3 14 12	−76 50 48	11.0	−1.9 M	10 M	"	
AFGL 471	3 14 48	+32 45 30	8.6	0.9 M	26 s	800213	AFGL
3C 84	3 16 29.6	+41 19 52	1000	41 JV	55 s	821105	769906
"	"	"	1670	21.6 J	1 M	761201	"
NGC 1275	3 16 29.9	+41 19 55	5	2.2 JV	V	700306	769909
"	"	"	5	0.218 J	–	781209	"
"	"	"	8	S	4.7 s	810912	"
"	"	"	10	1.03 JV	6 s	721102	"
"	"	"	10	1.02 J	6 s	720901	"
"	"	"	10.2	1.1 J	V	700306	"
"	"	"	10.6	0.77 J	–	790405	"
"	"	"	10.6	0.770 J	–	781209	"
"	"	"	21	3.4 J	5.7 s	790405	"
"	"	"	21	2.4 J	6 s	720901	"
"	"	"	21	3.400 J	–	781209	"
"	"	"	22	3.4 J	V	700306	"
"	"	"	22.5	3.8 J	–	781209	"
"	"	"	33.5	3.5 J	5.7 s	750902	"
"	"	"	1000	22.5 JV	55 s	780210	"
AFGL 473S	3 17 01	+70 32 42	19.8	−3.4 M	10 M	770706	
AFGL 474	3 17 14	+31 49 24	11.0	−0.8 M	10 M	760913	
TAU 4 ERI	3 17 17.4	−21 56 18	8.4	−1.22 M	–	730002	CSI 79
"	"	"	10.2	−1.33 M	–	"	"
"	"	"	11.2	−1.30 M	–	"	"
"	"	"	20	−1.73 M	–	741002	"
AFGL 4269S	3 17 21	−17 21 24	19.8	−3.4 M	10 M	770706	
AFGL 475	3 17 22	−21 57 06	11.0	−1.5 M	10 M	760913	
"	"	"	19.8	−3.3 M	10 M	"	
AFGL 476	3 17 25	−24 18 00	11.0	−0.8 M	10 M	"	
AFGL 480S	3 18 17	− 7 36 54	19.8	−3.6 M	10 M	770706	
AFGL 4270S	3 18 26	−15 29 48	19.8	−2.9 M	10 M	"	
AFGL 482	3 18 38	+70 16 54	8.6	−1.3 MV	26 s	800213	AFGL
"	"	"	10.7	−1.8 MV	26 s	"	"
"	"	"	11.0	−1.9 M	10 M	760913	
"	"	"	12.2	−2.1 MV	26 s	800213	AFGL
"	"	"	18	−2.4 MV	26 s	"	"
"	"	"	19.8	−2.8 M	10 M	760913	
CRL 482	3 18 38.8	+70 16 47	8.7	−1.49 M	11 s	760606	
"	"	"	10	−1.61 M	11 s	"	
"	"	"	11.4	−1.95 M	11 s	"	
"	"	"	12.5	−2.14 M	11 s	"	
"	"	"	19.5	−2.46 M	11 s	"	
"	"	"	23	−2.64 M	11 s	"	
AFGL 4272S	3 19 24	−27 45 06	19.8	−3.2 M	10 M	770706	
AFGL 485	3 20 18	+64 25 18	11.0	−1.5 M	10 M	760913	
ALF PER	3 20 44.3	+49 41 05	5.0	0.41 M	–	700302	CSI 79
"	"	"	5.0	0.50 C	–	650002	"
"	"	"	9.5	0.16 C	–	641101	"
"	"	"	10	2.05 F	5.9 s	640201	"
"	"	"	10.2	0.46 M	–	700302	"
"	"	"	10.4	0.50 C	–	650002	"
"	"	"	10.4	0.16 C	–	640501	"
"	"	"	22.0	0.58 M	–	700302	"
NGC 1316	3 20 47	−37 23 12	10	0.104 JU	5.7 s	780305	789908
FIRSSE 40	3 21 06	+54 47 06	20	40 J	10 M	830201	
"	"	"	27	119 J	10 M	"	
"	"	"	40	857 J	10 M	"	
"	"	"	93	701 J	10 M	"	
HD 21110	3 22 18.1	+31 33 20	8.6	3.65 M	11 s	750608	CSI 79
"	"	"	10	3.6 M	11 s	"	"
"	"	"	11.3	3.5 M	11 s	"	"
"	"	"	18	0.9 MU	11 s	"	"
AFGL 489	3 22 56	+47 21 12	8.4	−2.5 MV	17 s	800213	AFGL
"	"	"	8.6	−2.7 M	8.5 s	"	"
"	"	"	8.6	−2.7 MV	26 s	"	"
"	"	"	10.7	−3.2 M	8.5 s	"	"
"	"	"	10.7	−3.3 MV	26 s	"	"
"	"	"	11.0	−3.3 M	10 M	760913	
"	"	"	11.2	−3.1 MV	17 s	800213	AFGL
"	"	"	12.2	−3.3 M	8.5 s	"	"
"	"	"	12.2	−3.4 MV	26 s	"	"
"	"	"	12.5	−3.0 MV	17 s	"	"
"	"	"	18	−3.3 M	8.5 s	"	"
"	"	"	18	−3.3 MV	26 s	"	"
"	"	"	19.8	−3.9 M	10 M	760913	
IRC+50096	3 22 59	+47 21 30	5.0	−14.0 RV	–	740401	IRC
"	"	"	8.4	−2.7 CV	–	760610	"
"	"	"	10.2	−14.6 RV	–	740401	"
"	"	"	11.2	−3.3 CV	–	760610	"
"	"	"	12.5	−3.2 CV	–	"	"
CIT 5	3 23 12	+47 22	8.6	−2.7 MV	20 s	741201	661001
"	"	"	8.6	18.6 F	–	761005	"
"	"	"	10.7	−3.3 MV	20 s	741201	"
"	"	"	10.7	12.4 F	–	761005	"
"	"	"	12.2	−3.4 MV	20 s	741201	"
"	"	"	12.2	9.12 F	–	761005	"
"	"	"	16	S	30 s	810806	"
"	"	"	18	−3.3 MV	20 s	741201	"
"	"	"	18.0	2.84 F	–	761005	"
"	"	"	20	−3.35 M	9 s	731104	"
"	"	"	20.0	1.58 F	–	761005	"

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
FIRSSE 41	3 23 24	+58 35 42	20	185 J	10 M	830201	
"	"	"	27	363 J	10 M	"	
"	"	"	40	508 J	10 M	"	
"	"	"	93	581 J	10 M	"	
CRL 490	3 23 41.4	+58 36 52	5.0	26 J	–	760604	
"	"	"	10.6	83 J	–	"	
AFGL 490	3 23 43.0	+58 36 52	50	280 J	40 s	790508	
"	"	"	100	410 J	40 s	"	
"	"	"	160	385 J	40 s	"	
AFGL 4276S	3 23 45	+74 16 54	19.8	−3.0 M	10 M	770706	
AFGL 490	3 23 59	+58 35 24	8.4	0.0 MV	17 s	800213	AFGL
CRL 490	"	"	8.4	0.1 C	18 s	761210	"
AFGL 490	"	"	8.6	0.1 M	8.5 s	800213	"
"	"	"	8.6	−0.1 M	26 s	"	"
"	"	"	10.7	−0.4 M	8.5 s	"	"
"	"	"	10.7	−0.4 M	26 s	"	"
"	"	"	11.0	−0.6 M	10 M	760913	
"	"	"	11.2	−0.7 MV	17 s	800213	AFGL
CRL 490	"	"	11.2	−0.7 C	18 s	761210	"
AFGL 490	"	"	12.2	−1.3 M	8.5 s	800213	"
"	"	"	12.2	−1.4 M	26 s	"	"
"	"	"	12.5	−1.2 MV	17 s	"	"
CRL 490	"	"	12.5	−1.2 C	18 s	761210	"
AFGL 490	"	"	18	−3.0 M	8.5 s	800213	"
"	"	"	18	−2.8 M	26 s	"	"
"	"	"	19.8	−3.1 M	10 M	760913	
HD 21212	3 24 25.2	+62 19 12	5.0	5.80 M	–	700302	CSI 79
"	"	"	10.2	4.85 M	–	"	"
HD 21291	3 25 00.0	+59 46 04	8.7	2.73 M	–	780704	CSI 79
"	"	"	10	2.84 M	11 s	770504	"
"	"	"	10	2.88 M	–	780704	"
"	"	"	11.4	2.74 M	–	"	"
FIRSSE 42	3 25 34	+31 01 18	93	272 J	10 M	830201	
LKHA 325	3 25 46	+30 33	10	4.6 M	11 s	741108	729902
HD 21389	3 25 54.1	+58 42 26	8.7	2.51 M	–	780704	CSI 79
"	"	"	10	2.57 M	11 s	770504	"
"	"	"	10	2.58 M	–	780704	"
"	"	"	11.4	2.54 M	–	"	"
H-H 12	3 25 55.6	+31 10 10	5.0	6.4 M	35 s	740706	
"	"	"	8.4	4.7 M	35 s	"	
FIRSSE 43	3 26 10	+31 12 18	20	124 J	10 M	830201	
"	"	"	27	101 J	10 M	"	
"	"	"	93	774 J	10 M	"	
LKHA 270	3 26 11.9	+31 12 28	10	4.5 M	11 s	741108	729902
AFGL 492	3 26 55	+47 48 24	11.0	−0.9 M	10 M	760913	
"	"	"	19.8	−3.1 M	10 M	"	
AFGL 4033	3 27 50	−19 24 18	11.0	−1.3 M	10 M	"	
"	"	"	19.8	−2.9 M	10 M	"	
AFGL 4282S	3 29 05	+60 40 30	11.0	−0.9 M	10 M	770706	
LKHA 327	3 30 29	+31 00	10	4.3 M	11 s	741108	729902
AFGL 497	3 30 35	− 9 38 54	11.0	−1.2 M	10 M	760913	
NGC 1365	3 31 41	−36 18 24	7.8	−17.2 RE	13 s	820901	789908
"	"	"	8.6	−17.4 RE	13 s	"	"
"	"	"	9.6	−17.7 RE	13 s	"	"
"	"	"	10	−17.6 RE	13 s	"	"
"	"	"	10.4	−17.6 RE	13 s	"	"
"	"	"	11.4	−17.7 RE	13 s	"	"
"	"	"	12.4	−17.6 RE	13 s	"	"
"	"	"	20	−17.9 RE	13 s	"	"
RT ERI	3 31 53.9	−16 19 46	20	−2.3 M	14 s	760901	CSI 79
AFGL 500	3 31 54	−16 20 12	11.0	−1.9 M	10 M	760913	
"	"	"	19.8	−2.5 M	10 M	"	
PSI PER	3 32 55.4	+48 01 40	5	3.6 MU	–	701105	CSI 79
"	"	"	5.0	3.67 M	–	700302	"
"	"	"	8.7	2.96 M	11 s	740807	"
"	"	"	10	2.84 M	11 s	"	"
"	"	"	10.2	2.58 M	–	700302	"
"	"	"	11.4	2.27 M	11 s	740807	"
"	"	"	22.0	2.47 M	–	700302	"
AFGL 502S	3 34 37	− 6 51 12	19.8	−4.2 M	10 M	770706	
NGC 1386	3 34 52	−36 09 48	10	−26.6 L	5.0 s	800207	789908
AFGL 503	3 36 06	−33 00 48	11.0	−1.5 M	10 M	760913	
"	"	"	19.8	−3.2 M	10 M	"	
AFGL 505	3 37 23	+62 29 24	11.0	−1.5 M	10 M	"	
IRC+40064	3 37 26	+38 52 36	8.6	1.6 MU	–	740705	IRC
"	"	"	10.7	−0.1 MU	–	"	"
U CAM	3 37 28.8	+62 29 18	8.6	5.01 F	–	761005	779907
"	"	"	8.6	−0.8 M	–	721103	"
"	"	"	10.8	2.46 F	–	761005	"
"	"	"	10.8	−1.0 M	–	721103	"
"	"	"	12.2	−0.7 M	–	"	"
"	"	"	12.2	1.26 F	–	761005	"
AFGL 506	3 37 44	+63 03 00	11.0	−1.3 M	10 M	760913	
M1-4	3 37 59.1	+52 07 26	10	4.1 MU	11 s	741009	749905
AFGL 511	3 38 54	−10 54 24	19.8	−3.0 M	10 M	760913	
AFGL 512	3 40 31.9	+12 38 11	8.4	0.74 M	17 s	790401	
"	"	"	11.2	0.53 M	17 s	"	
"	"	"	12.5	0.48 M	17 s	"	
IC 348 IR	3 40 51.4	+31 52 29	10	4.68 C	–	741015	
AFGL 514	3 41 08	+80 10 36	11.0	−1.3 M	10 M	760913	
AFGL 4292S	3 41 14	−32 54 42	19.8	−3.9 M	10 M	770706	
AFGL 515	3 41 18	−31 10 24	19.8	−3.0 M	10 M	760913	
FIRSSE 44	3 41 21	+31 57 54	20	46 J	10 M	830201	
"	"	"	27	66 J	10 M	"	
"	"	"	40	93 J	10 M	"	
"	"	"	93	1722 JL	10 M	"	
AFGL 516	3 41 47	−43 03 06	11.0	−3.2 M	10 M	760913	
"	"	"	19.8	−5.2 M	10 M	"	
FIRSSE 45	3 41 52	+23 58 24	20	27 J	10 M	830201	
"	"	"	93	66 J	10 M	"	
17 TAU	3 41 54.0	+23 57 26	8.7	3.48 M	11 s	740807	CSI 79
"	"	"	10	3.70 M	11 s	"	"
"	"	"	11.4	3.46 M	11 s	"	"
IC 342 WEST	3 41 56.5	+67 56 27	8.7	−26.4 L	4.2 s	800302	
"	"	"	9.5	−26.6 L	4.2 s	"	
"	"	"	10	−26.4 L	4.2 s	"	
"	"	"	11.2	−26.3 L	4.2 s	"	
"	"	"	12.5	−26.2 L	4.2 s	"	
"	"	"	20	−25.8 L	4.2 s	"	
IC 342	3 41 57.2	+67 56 27	8.7	−26.5 L	4.2 s	"	
"	"	"	9.5	−26.7 L	4.2 s	"	
"	"	"	10	−25.8 L	18 s	"	
"	"	"	11.2	−26.4 L	4.2 s	"	
"	"	"	12.5	−26.3 L	4.2 s	"	
"	"	"	20	−26.0 L	4.2 s	"	
"	"	"	20	−25.2 L	18 s	"	
"	"	"	50	75 J	60 s	"	
"	"	"	100	140 J	60 s	"	

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
"	h m s	° ′ ″	200	300 J	60 s	"	
"	3 41 58.6	+67 56 26	1000	−0.9 J	55 s	780210	769909
FIRSSE 46	3 42 11	+23 36 12	93	39 J	10 M	830201	
LKHA 329	3 42 28.0	+32 16 39	10	4.2 MU	11 s	741108	729902
LKHA 330	3 42 39.4	+32 14 54	10	4.0 M	11 s	"	729902
FIRSSE 47	3 42 41	+24 11 30	20	18 J	10 M	830201	
"	"	"	93	134 J	10 M	"	
FIRSSE 48	3 42 48	+31 22 06	93	639 J	10 M	"	
FIRSSE 49	3 43 08	+23 39 36	20	25 J	10 M	"	
"	"	"	27	40 J	10 M	"	
"	"	"	93	425 J	10 M	"	
AFGL 4293S	3 43 11	−16 21 12	11.0	−1.1 M	10 M	770706	
"	"	"	19.8	−3.3 M	10 M	"	
23 TAU	3 43 21.1	+23 47 38	10	3.01 MU	11 s	740807	CSI 79
FIRSSE 50	3 43 40	+24 17 42	93	36 J	10 M	830201	
AFGL 519	3 43 45	−12 16 06	11.0	−0.9 M	10 M	760913	
"	3 43 46.5	−12 15 26	8.4	0.16 M	17 s	790401	
"	"	"	11.2	0.07 M	17 s	"	
"	"	"	12.5	0.08 M	17 s	"	
IRC+60128	3 43 59	+59 25 54	8.6	1.6 M	−	740705	IRC
"	"	"	10.7	0.5 MU	−	"	"
IC 351	3 44 20	+34 53 35	10	4.5 MU	11 s	741009	709904
"	"	"	10.5	1300 G	10 s	800409	"
ETA TAU	3 44 30.3	+23 57 07	8.7	2.55 M	11 s	740807	CSI 79
"	"	"	10	2.52 M	11 s	"	"
"	"	"	11.4	2.43 M	11 s	"	"
"	"	"	19.5	1.34 MU	11 s	"	"
AFGL 4294S	3 44 34	+59 26 12	8.6	1.6 M	26 s	800213	770706
"	"	"	10.7	0.5 MU	26 s	"	"
IRC+70046	3 44 52	+65 22 24	5.0	0.28 M	−	700302	IRC
"	"	"	10.2	−0.55 M	−	"	"
AFGL 520	3 44 55	+65 22 24	11.0	−1.3 M	10 M	760913	
BS 1155	3 44 55.1	+65 22 25	10	−0.67 C	−	670801	CSI 79
AFGL 521	3 44 56.8	+50 41 32	8.4	0.85 M	17 s	790401	
"	"	"	11.2	−0.11 M	17 s	"	
"	"	"	12.5	0.02 M	17 s	"	
FIRSSE 51	3 45 02	+65 22 36	20	45 J	10 M	830201	
"	"	"	93	36 J	10 M	"	
LKHA 272	3 45 43.2	+36 47 10	10	5.1 M	11 s	741108	729902
AFGL 522	3 45 52	+50 54 12	8.4	1.30 M	17 s	790401	
"	"	"	11.2	0.82 M	17 s	"	
"	"	"	12.5	0.61 M	17 s	"	
LKHA 273	3 45 56.9	+38 47 31	10	4.2 MU	11 s	741108	729902
AFGL 524	3 46 10	+67 29 12	8.6	0.8 M	26 s	800213	AFGL
"	"	"	10.7	0.5 MU	26 s	"	"
27 TAU	3 46 10.9	+23 54 06	8.7	4.16 M	11 s	740807	CSI 79
"	"	"	10	4.11 M	11 s	"	"
IRC+70047	3 46 13	+67 28 24	8.6	0.8 M	−	740705	IRC
"	"	"	10.7	0.5 MU	−	"	"
AFGL 525	3 46 16	− 7 09 54	11.0	−1.6 M	10 M	760913	
XY PER	3 46 17.4	+38 49 50	8.4	2.0 M	11 s	730005	779907
"	"	"	8.6	2.4 M	11 s	"	"
"	"	"	10.8	2.1 M	11 s	"	"
"	"	"	11.0	2.0 M	11 s	"	"
"	"	"	11.3	1.6 M	11 s	"	"
"	"	"	12.8	1.8 M	11 s	"	"
"	"	"	18	−0.4 MU	11 s	"	"
AFGL 525	3 46 20.8	− 7 10 00	8.4	0.42 M	17 s	790401	
"	"	"	11.2	0.10 M	17 s	"	
"	"	"	12.5	−0.02 M	17 s	"	
IRC+50109	3 46 37	+48 34 42	8.6	0.7 MU	−	740705	IRC
"	"	"	10.7	−0.2 MU	−	"	"
AFGL 4038	3 47 25	−18 53 30	19.8	−3.5 M	10 M	760913	
GAM HYI	3 47 59.4	−74 23 32	10.2	−1.09 M	−	730002	CSI 79
IRC+40070	3 48 55	+39 43 42	8.4	−0.9 CV	−	760610	IRC
"	"	"	8.6	−0.9 M	−	740705	"
"	"	"	10.7	−1.4 M	−	"	"
"	"	"	11.2	−1.4 CV	−	760610	"
"	"	"	12.2	−1.3 M	−	740705	"
"	"	"	12.5	−1.4 CV	−	760610	"
"	"	"	18	−2.4 MU	−	740705	"
AFGL 4299S	3 48 56	− 1 31 30	11.0	−1.7 M	10 M	770706	
AFGL 527	3 49 05	+39 43 30	8.4	−0.9 MV	17 s	800213	AFGL
"	"	"	8.6	−1.3 M	8.5 s	"	"
"	"	"	8.6	−1.1 MV	26 s	"	"
"	"	"	10.7	−1.5 M	8.5 s	"	"
"	"	"	10.7	−1.4 MV	26 s	"	"
"	"	"	11.0	−0.9 M	10 M	760913	
"	"	"	11.2	−1.2 MV	17 s	800213	AFGL
"	"	"	12.2	−1.6 M	8.5 s	"	"
"	"	"	12.2	−1.6 MV	26 s	"	"
"	"	"	12.5	−1.2 MV	17 s	"	"
"	"	"	18	−1.6 M	8.5 s	"	"
"	"	"	18	−1.7 MU	26 s	"	"
3C 95	3 49 09.5	−14 38 07	10	1.55 Q	V	790509	809908
"	"	"	1000	0.9 JU	55 s	821106	"
AFGL 4300S	3 49 56	−40 17 06	11.0	−2.6 M	10 M	770706	
IK TAU	3 50 39	+11 15 01	20	−5.55 M	9 s	731104	GCVS
NML TAU	3 50 40	+11 15	8.3	−3.9 M	−	770608	650701
"	"	"	8.4	−4.0 CV	−	760610	"
"	"	"	8.6	−4.2 MV	20 s	741201	"
"	"	"	10.1	−4.55 C	−	720001	"
"	"	"	10.2	−5.1 M	−	770608	"
"	"	"	10.7	−5.0 MV	20 s	741201	"
"	"	"	11.1	−5.0 M	−	770608	"
"	"	"	11.2	−4.8 CV	−	760610	"
"	"	"	12.2	−5.1 MV	20 s	741201	"
"	"	"	12.5	−4.8 CV	−	760610	"
"	"	"	16	S	30 s	791015	"
"	"	"	18	−5.5 MV	20 s	741201	"
"	"	"	19.5	−5.55 C	−	720001	"
"	"	"	20	12.8 F	30 s	791015	"
IRC+40072	3 50 44	+36 23 30	8.6	−0.2 MU	−	740705	IRC
"	"	"	10	0.8 M	−	"	"
"	"	"	10.7	−0.5 M	−	"	"
AFGL 529	3 50 55	+11 14 18	8.4	−3.8 MV	17 s	800213	AFGL
"	"	"	8.6	−4.5 M	8.5 s	"	"
"	"	"	8.6	−4.2 MV	26 s	"	"
"	"	"	10.7	−5.2 M	8.5 s	"	"
"	"	"	10.7	−4.9 MV	26 s	"	"
"	"	"	11.0	−4.2 M	10 M	760913	
"	"	"	11.2	−4.6 MV	17 s	800213	AFGL
"	"	"	12.2	−5.2 M	8.5 s	"	"
"	"	"	12.2	−5.0 MV	26 s	"	"
"	"	"	12.5	−4.6 MV	17 s	"	"
"	"	"	18	−5.9 M	8.5 s	"	"
"	"	"	18	−5.5 MV	26 s	"	"
"	"	"	19.8	−5.5 M	10 M	760913	

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
HD 24398	h m s 3 50 58.9	° ′ ″ +31 44 11	8.7	2.58 M	−	780704	CSI 79
ZET PER	"	"	10	2.54 M	11 s	770504	"
HD 24398	"	"	10	2.57 M	−	780704	"
"	"	"	11.4	2.65 M	−	"	"
AFGL 530	3 51 22	−11 45 36	19.8	−3.2 M	10 M	760913	
FIRSSE 52	3 51 53	+37 12 06	93	194 J	10 M	830201	
X PER	3 52 15.1	+30 53 59	8.4	3.2 MU	11 s	730005	CSI 79
"	"	"	8.7	3.67 MU	11 s	740807	"
"	"	"	11.0	3.5 MU	11 s	730005	"
FIRSSE 53	3 52 19	+53 43 30	20	24 J	10 M	830201	
"	"	"	93	203 J	10 M	"	
AFGL 4304S	3 52 43	−15 02 24	19.8	−3.2 M	10 M	770706	
IC 2003	3 53 12	+33 43 00	10	4.0 MU	11 s	741009	709904
AFGL 533S	3 53 56	−34 24 54	19.8	−4.0 M	10 M	770706	
AFGL 535S	3 54 27	+12 56 12	19.8	−3.5 M	10 M	"	
GAM ERI	3 55 41.6	−13 38 57	5.0	−0.70 M	−	700302	CSI 79
"	"	"	10.2	−1.36 M	−	"	"
"	"	"	20	−1.2 M	14 s	760901	"
XI PER	3 55 42.7	+35 38 55	8.7	2.54 M	11 s	740807	CSI 79
"	"	"	10	2.67 M	11 s	"	"
"	"	"	10.7	1.0 MU	−	730303	"
"	"	"	11.4	2.51 M	11 s	740807	"
AFGL 537	3 55 43	−13 39 00	11.0	−1.6 M	10 M	760913	
AFGL 4041	3 56 47	−13 48 00	19.8	−3.7 M	10 M	"	
AFGL 4307S	3 57 13	+55 08 36	11.0	−1.0 M	10 M	770706	
AFGL 538	3 58 13	+57 02 36	19.8	−3.8 M	10 M	760913	
WW TAU	3 58 34.5	+30 06 56	11.3	2.2 MU	−	721203	CSI 79
FIRSSE 54	3 59 34	+51 11 36	20	167 J	10 M	830201	
"	"	"	27	267 J	10 M	"	
"	"	"	93	1105 J	10 M	"	
AFGL 4311S	3 59 51	−13 53 06	19.8	−2.7 M	10 M	770706	
NGC 1499	4 00 04	+36 17	100	60000 J	1.3 D	721007	RNGC
GAM RET	4 00 10.0	−62 17 54	10.2	−0.73 M	−	730002	CSI 79
AFGL 4312S	4 00 18	−10 54 36	19.8	−3.8 M	10 M	770706	
AFGL 4313S	4 00 39	−10 47 30	19.8	−3.9 M	10 M	"	
AFGL 4314S	4 01 08	−20 48 12	11.0	−0.6 M	10 M	"	
AFGL 539S	4 01 15	−33 52 00	11.0	−1.7 M	10 M	"	
"	"	"	19.8	−4.0 M	10 M	"	
HD 25596	4 01 44.0	+26 03 53	8.6	1.9 M	11 s	750608	CSI 79
"	"	"	11.3	1.7 M	11 s	"	"
"	"	"	18	2.0 M	11 s	"	"
V ERI	4 02 01.5	−15 51 37	20	−3.26 M	−	741002	CSI 79
AFGL 542	4 02 03	−15 53 12	8.6	−1.1 M	26 s	800213	AFGL
"	"	"	10.7	−2.1 M	26 s	"	"
"	"	"	11.0	−2.3 M	10 M	760913	
"	"	"	12.2	−2.2 M	26 s	800213	AFGL
"	"	"	18	−2.5 M	26 s	"	"
"	"	"	19.8	−3.3 M	10 M	760913	
NGC 1501	4 02 42	+60 47 00	10	4.9 MU	11 s	741009	709904
AFGL 544S	4 04 00	+23 39 42	19.8	−2.9 M	10 M	770706	
IRC+40073	4 04 29	+42 05 24	10.7	1.8 MU	−	740705	IRC
"	"	"	10.7	0.4 MU	−	"	"
48 PER	4 05 01.3	+47 34 51	5	2.5 MV	−	701105	CSI 79
"	"	"	5.0	2.63 M	−	700302	"
"	"	"	8.5	1.3 MV	−	701105	"
"	"	"	8.7	2.95 M	11 s	740807	"
"	"	"	10	2.69 M	11 s	"	"
"	"	"	10.2	2.55 ME	−	700302	"
"	"	"	11	2.5 M	−	731106	"
"	"	"	11.4	2.72 M	11 s	740807	"
"	"	"	12.6	2.69 M	11 s	"	"
AFGL 4044	4 05 14	+68 33 30	8.6	1.3 M	26 s	800213	AFGL
"	"	"	10.7	1.5 MU	26 s	"	"
"	"	"	11.0	−0.9 M	10 M	760913	
IRC+70050	4 05 17	+68 34 00	8.6	1.3 M	−	740705	IRC
"	"	"	10.7	1.5 MU	−	"	"
PKS 0405-12	4 05 27.5	−12 19 32	10	1.41 Q	V	790509	809908
NGC 1514	4 06 08	+30 38 42	10	5.0 MU	11 s	741009	709904
AFGL 547S	4 06 19	−38 07 30	11.0	−1.7 M	10 M	770706	
IRC+30072	4 06 28	+33 21 42	8.6	1.7 MU	−	740705	IRC
"	"	"	10.7	0.5 MU	−	"	"
0406+121	4 06 35.6	+12 09 50	10.6	0.032 JU	5 s	810803	790910
AFGL 550	4 07 15	+51 02 30	11.0	−0.9 M	10 M	760913	
"	"	"	19.8	−4.1 M	10 M	"	
FIRSSE 55	4 07 22	+51 02 18	20	499 J	10 M	830201	
"	"	"	27	611 J	10 M	"	
"	"	"	40	1634 J	10 M	"	
"	"	"	93	11655 JL	10 M	"	
AFGL 552	4 09 25	−25 15 18	11.0	−1.3 M	10 M	760913	
FM TAU	4 11 07	+28 05 14	10	4.65 MU	11 s	741108	GCVS
"	"	"	10	6.2 M	−	760306	"
CW TAU	4 11 11	+28 03 20	8.4	4.5 MV	−	"	GCVS
"	"	"	10	3.8 M	11 s	741108	"
"	"	"	10	4.0 M	−	760306	"
"	"	"	11.1	4.0 MV	−	"	"
"	"	"	12.6	3.7 MV	−	"	"
"	"	"	18	1.1 MU	11 s	741108	"
MUU PER	4 11 12.9	+48 17 02	10	0.171 F	V	660501	CSI 79
FP TAU	4 11 43	+26 38 36	10	4.9 MU	11 s	741108	GCVS
CX TAU	4 11 44	+26 40 54	10	4.5 MU	11 s	"	GCVS
AFGL 4328S	4 11 56	−10 22 42	19.8	−3.3 M	10 M	770706	
NGC 1535	4 11 57.0	−12 51 42	10	4.5 MU	11 s	741009	739909
IRC+30079	4 12 22	+33 42 06	8.6	0.7 M	−	740705	IRC
"	"	"	10.7	0.6 MU	−	"	"
AFGL 4329S	4 12 25	−42 24 24	27.4	−6.1 M	10 M	770706	
AFGL 556	4 12 33	+33 42 42	8.6	0.7 M	26 s	800213	AFGL
"	"	"	10.7	0.6 MU	26 s	"	"
IRC+40080	4 12 41	+41 32 30	10.7	0.2 MU	−	740705	IRC
AFGL 557S	4 13 01	−13 21 42	11.0	−0.7 M	10 M	770706	
"	"	"	19.8	−3.5 M	10 M	"	
AFGL 4331S	4 13 10	+50 43 42	11.0	−0.7 M	10 M	"	
AFGL 4046	4 13 53	−81 59 18	11.0	−2.2 M	10 M	760913	
"	"	"	19.8	−3.3 M	10 M	"	
CY TAU	4 14 30	+28 13 31	10	5.2 MU	11 s	741108	GCVS
3C 111	4 15 01.1	+37 54 37	1000	3.8 JV	55 s	780210	729901
AFGL 562	4 15 07	−38 13 42	11.0	−2.0 M	10 M	760913	
V410 TAU	4 15 23	+28 20 40	10	5.4 M	11 s	741108	GCVS
DD TAU	4 15 27	+28 09 09	10	3.7 M	11 s	"	GCVS
"	"	"	18	1.0 MU	11 s	"	"
CZ TAU	4 15 27	+28 09 45	10	3.8 M	11 s	"	GCVS
"	"	"	18	0.7 MU	11 s	"	"
FIRSSE 56	4 15 32	+28 12 00	20	91 J	10 M	830201	
"	"	"	27	73 J	10 M	"	
"	"	"	93	396 J	10 M	"	
TAU #1	4 15 34.6	+28 12 01	8.5	1.49 M	1 M	780909	
"	"	"	9.3	1.01 M	1 M	"	
"	"	"	10	0.54 M	1 M	"	
"	"	"	10.9	0.14 M	1 M	"	

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
"	h m s	° ′ ″	12.2	−0.11 M	1 M	"	
"	"	"	20	−1.9 M	1 M	"	
TAU #22	4 15 40.9	+28 12 53	10	4.9 MU	1 M	"	
BP TAU	4 16 08.9	+28 59 01	8.4	3.3 M	11 S	730005	CSI 79
"	"	"	8.4	5.4 M	-	760306	"
"	"	"	10	4.8 M	11 S	741108	"
"	"	"	10	4.95 MV	12 S	760107	"
"	"	"	11.0	3.0 M	11 S	730005	"
"	"	"	11.1	4.4 M	-	760306	"
"	"	"	12.6	4.7 M	-	"	"
"	"	"	20	1.0 MU	-	"	"
AFGL 565	4 16 28	+40 56 42	11.0	−1.8 M	10 M	760913	
TW CAM	4 16 39.6	+57 19 21	8.6	2.1 M	-	721203	779907
"	"	"	11.3	1.7 M	-	"	"
AFGL 566	4 16 54	+15 31 42	10.7	1.4 M	26 S	800213	AFGL
"	"	"	11.0	−0.9 M	10 M	760913	
AFGL 567	4 17 25	+60 37 42	8.6	1.3 M	26 S	800213	AFGL
"	"	"	10.7	1.0 M	26 S	"	"
"	"	"	11.0	−1.9 M	10 M	760913	
DE TAU	4 18 49	+27 48 02	10	5.0 M	11 S	741108	GCVS
RY TAU 40"W	4 18 50.1	+28 19 35	52	−19 J	37 S	790702	ED
"	"	"	100	−12 J	37 S	"	"
RY TAU 40"S	4 18 50.8	+28 18 55	52	−10.0 J	37 S	"	ED
"	"	"	100	3.8 J	37 S	"	"
RY TAU	4 18 50.8	+28 19 35	5.0	3.08 M	-	700302	780909
"	"	"	8	S	-	800509	"
"	"	"	8.4	1.7 M	11 S	730005	"
"	"	"	8.4	1.72 MV	12 S	760107	"
"	"	"	8.4	1.6 MV	-	760306	"
TAU #2	"	"	8.5	1.7 M	1 M	780909	
RY TAU	"	"	8.5	1.78 M	-	800509	780909
"	"	"	8.6	1.5 M	11 S	730005	"
"	"	"	8.6	1.5 M	-	721203	"
TAU #2	"	"	9.3	1.2 M	1 M	780909	
RY TAU	"	"	9.6	0.95 M	-	800509	780909
TAU #2	"	"	10	1.0 M	1 M	780909	
RY TAU	"	"	10.1	0.8 MV	-	760306	780909
"	"	"	10.8	0.8 M	11 S	730005	"
TAU #2	"	"	10.9	0.8 M	1 M	780909	
RY TAU	"	"	11.0	0.6 M	11 S	730005	780909
"	"	"	11.1	0.66 MV	12 S	760107	"
"	"	"	11.1	0.7 CV	-	760306	"
"	"	"	11.3	0.5 M	11 S	730005	"
"	"	"	11.3	0.5 M	-	721203	"
"	"	"	11.6	0.65 M	-	800509	"
TAU #2	"	"	12.3	0.7 M	1 M	780909	
RY TAU	"	"	12.6	0.9 MV	-	760306	780909
"	"	"	12.8	0.6 M	11 S	730005	"
"	"	"	18	−0.85 M	11 S	"	"
TAU #2	"	"	20	−0.8 M	1 M	780909	
RY TAU	"	"	20	−1.07 M	-	741002	780909
"	"	"	20	−0.8 MV	-	760306	"
"	"	"	52	19.4 J	37 S	790702	"
"	"	"	100	6.4 J	37 S	"	"
RY TAU 40"N	4 18 50.8	+28 20 15	52	3.2 J	37 S	"	ED
"	"	"	100	9.6 J	37 S	"	"
RY TAU 40"E	4 18 51.9	+28 19 29	52	2.6 J	37 S	"	ED
"	"	"	100	−9.0 J	37 S	"	"
T TAU 70"W	4 18 59.4	+19 25 06	52	−10 J	37 S	"	ED
"	"	"	100	6.5 J	37 S	"	"
T TAU 40"W	4 19 01.6	+19 25 06	52	8.7 J	37 S	"	ED
"	"	"	100	18 J	37 S	"	"
T TAU 40"S	4 19 04.1	+19 24 26	52	37 J	37 S	"	ED
"	"	"	100	16 J	37 S	"	"
T TAU	4 19 04.1	+19 25 05	5.0	2.6 M	35 S	740706	CSI 79
"	"	"	5.0	2.42 M	-	700302	"
"	"	"	5.0	2.52 M	-	700502	"
"	"	"	8	S	-	800509	"
"	"	"	8.4	1.5 MV	11 S	730005	"
"	"	"	8.4	1.49 MV	12 S	760107	"
"	"	"	8.4	1.1 M	35 S	740706	"
"	"	"	8.4	1.3 MV	-	760306	"
"	"	"	8.5	1.51 MV	-	800509	"
"	"	"	8.6	1.1 M	11 S	730005	"
"	"	"	8.6	0.8 M	-	721203	"
"	"	"	9.6	1.39 M	-	800509	"
"	"	"	10.1	1.0 MV	-	760306	"
"	"	"	10.2	1.44 M	-	700502	"
"	"	"	10.2	0.71 M	-	700302	"
"	"	"	10.8	0.9 M	11 S	730005	"
"	"	"	11.0	1.0 MV	11 S	"	"
"	"	"	11.1	0.74 MV	12 S	760107	"
"	"	"	11.1	1.3 M	35 S	740706	"
"	"	"	11.1	0.8 MV	-	760306	"
"	"	"	11.1	0.84 M	-	800509	"
"	"	"	11.3	0.4 M	11 S	730005	"
"	"	"	11.3	0.4 M	-	721203	"
"	"	"	11.6	0.70 M	-	800509	"
"	"	"	12.3	0.67 M	-	"	"
"	"	"	12.6	0.1 MV	-	760306	"
"	"	"	12.8	−0.3 M	11 S	730005	"
"	"	"	18	−2.0 M	11 S	"	"
"	"	"	18	−1.5 M	-	721203	"
"	"	"	20	−2.18 M	9 S	731104	"
"	"	"	20	−2.6 M	11 S	730005	"
"	"	"	20	0.48 F	13 S	770902	"
"	"	"	20	−2.0 MV	-	760306	"
"	"	"	20	0.37 F	-	690401	"
"	"	"	22	−2.5 M	11 S	730005	"
"	"	"	22	−1.91 M	-	700502	"
"	"	"	22.0	−2.74 M	-	700302	"
"	"	"	25	0.36 F	13 S	770902	"
"	"	"	40	29 J	37 S	790702	"
"	"	"	52	68 J	37 S	"	"
"	"	"	100	63 J	37 S	"	"
"	"	"	160	73 J	37 S	"	"
T TAU 40"N	4 19 04.1	+19 25 46	52	15 J	37 S	"	ED
"	"	"	100	−3.5 J	37 S	"	"
T TAU 40"E	4 19 06.7	+19 25 06	52	−13 J	37 S	"	ED
"	"	"	100	−2.2 J	37 S	"	"
FIRSSE 57	4 19 09	+19 25 24	20	46 J	10 M	830201	
"	"	"	27	72 J	10 M	"	
"	"	"	93	42 J	10 M	"	
AFGL 571	4 19 11	−22 18 42	11.0	−0.3 M	10 M	760913	
IRC+40085	4 19 20	+43 59 54	10.7	0.6 MU	-	740705	IRC
DEL TAU	4 20 02.7	+17 25 35	5.0	0.56 M	-	700302	CSI 79
"	"	"	10	1.007 FV	V	660501	"
"	"	"	10	1.77 F	5.9 S	640201	"

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
"	h m s	° ′ ″	10.2	0.39 ME	-	700302	"
TAU #3	4 20 22.6	+24 53 13	10	5.2 M	1 M	780909	
AFGL 4342S	4 20 23	+62 47 54	19.8	−3.1 M	10 M	770706	
Q0420-388	4 20 30.1	−38 51 50	1000	4.9 JV	-	810511	780901
AFGL 574	4 20 42	−13 00 18	11.0	−1.4 M	10 M	760913	
0420-01	4 20 43.5	− 1 27 28	1000	2.5 J	55 S	810103	809908
"	"	"	1000	2.2 J	-	800818	"
OA 129	"	"	1000	2.6 J	55 S	821106	"
AFGL 575S	4 20 46	+73 12 30	19.8	−2.8 M	10 M	770706	
M4-18	4 21 31	+60 00 25	8	S	5.9 S	820715	709904
"	"	"	10	2.9 M	-	740708	"
"	"	"	18	0.5 MU	-	"	"
AFGL 578S	4 21 40	−27 55 18	11.0	−1.5 M	10 M	770706	
SW TAU	4 21 54.7	+ 4 00 32	10	3.31 MU	-	741008	CSI 79
TAU #4	4 22 37.4	+24 01 03	10	5.7 MU	1 M	780909	
DF TAU	4 24 00	+25 35 42	8.4	3.2 MU	11 S	730005	GCVS
"	"	"	8.4	4.5 MV	-	760306	"
"	"	"	10	4.3 M	11 S	741108	"
"	"	"	11.0	3.5 M	11 S	730005	"
"	"	"	11.1	3.8 MV	-	760306	"
"	"	"	12.6	3.8 MV	-	"	"
DG TAU	4 24 00.9	+25 59 36	8.4	2.31 MV	12 S	760107	780909
"	"	"	8.4	2.3 MV	-	760306	"
TAU #5	"	"	8.5	2.3 M	1 M	780909	
DG TAU	"	"	8.6	2.3 M	11 S	741108	780909
TAU #5	"	"	9.3	2.1 M	1 M	780909	
DG TAU	"	"	10	1.9 M	11 S	741108	780909
TAU #5	"	"	10	1.7 M	1 M	780909	
DG TAU	"	"	10.1	1.9 MV	-	760306	780909
TAU #5	"	"	10.9	1.6 M	1 M	780909	
DG TAU	"	"	11.1	1.34 MV	12 S	760107	780909
"	"	"	11.1	1.5 MV	-	760306	"
"	"	"	11.3	1.6 M	11 S	741108	"
TAU #5	"	"	12.2	1.1 M	1 M	780909	
DG TAU	"	"	12.6	1.3 M	-	760306	780909
"	"	"	18	−0.3 M	11 S	741108	"
TAU #5	"	"	20	−0.4 M	1 M	780909	
DG TAU	"	"	20	−0.5 M	-	760306	780909
AFGL 4047	4 24 22	+69 16 12	11.0	−0.6 M	10 M	760913	
AFGL 581	4 25 51	+10 00 24	11.0	−0.8 M	10 M	"	
TAU #6	4 26 05.7	+24 37 17	8.6	1.77 MV	1 M	780909	
"	"	"	9.4	1.60 MV	1 M	"	
"	"	"	10	1.42 M	1 M	"	
"	"	"	11.0	1.08 MV	1 M	"	
"	"	"	12.3	0.73 MV	1 M	"	
"	"	"	20	0.6 M	1 M	"	
IRC+20082	4 26 07	+24 37 36	10.7	0.5 MU	-	740705	IRC
AFGL 582	4 26 12	+39 46 30	11.0	−0.1 M	10 M	760913	
AFGL 583	4 26 14	+57 18 18	11.0	−1.0 M	10 M	"	
"	"	"	19.8	−3.2 M	10 M	"	
TAU #7	4 26 22.0	+24 26 29	8.5	2.1 M	1 M	780909	
"	"	"	9.3	2.0 M	1 M	"	
"	"	"	10	1.5 M	1 M	"	
"	"	"	10.9	1.4 M	1 M	"	
"	"	"	12.2	0.9 M	1 M	"	
"	"	"	20	−0.9 M	1 M	"	
DH TAU	4 26 37	+26 26 31	10	5.0 M	11 S	741108	GCVS
"	"	"	10	6.4 M	-	760306	"
DI TAU	4 26 38	+26 26 19	10	5.2 M	11 S	741108	GCVS
"	"	"	10	6.9 MV	-	760306	"
IQ TAU	4 26 54	+26 00 42	10	4.9 M	11 S	741108	GCVS
LKHA101 80"W	4 26 55	+35 10 42	52	123 J	37 S	790702	ED
"	"	"	100	75 J	37 S	"	"
LKHA101 40"W	4 26 57	+35 10 42	52	270 J	37 S	"	ED
"	"	"	100	220 J	37 S	"	"
IRC+40091	4 26 59	+35 10 12	8.6	−1.9 M	-	740705	IRC
"	"	"	10.7	−2.4 M	-	"	"
"	"	"	12.2	−2.5 M	-	"	"
"	"	"	18	−2.4 M	-	"	"
LKHA101 80"S	4 27 00	+35 09 22	52	−3 J	37 S	790702	ED
"	"	"	100	6 J	37 S	"	"
LKHA101 40"S	4 27 00	+35 10 02	52	200 J	37 S	"	ED
"	"	"	100	230 J	37 S	"	"
LKHA 101	4 27 00	+35 10 42	8.4	0.5 CV	-	760610	740903
"	"	"	8.6	−2.1 M	26 S	711105	"
"	"	"	10.8	−2.4 M	26 S	"	"
"	"	"	11.2	0.2 CV	-	760610	"
"	"	"	12.2	−2.5 M	26 S	711105	"
"	"	"	12.5	−0.1 CV	-	760610	"
"	"	"	18	−3.7 M	26 S	711105	"
"	"	"	20	1.16 F	13 S	770902	"
"	"	"	25	0.64 F	13 S	"	"
"	"	"	33	0.16 FU	13 S	"	"
"	"	"	40	210 J	37 S	790702	"
"	"	"	52	650 J	37 S	"	"
"	"	"	100	510 J	37 S	"	"
"	"	"	160	250 J	37 S	"	"
LKHA101 40"N	4 27 00	+35 11 22	52	630 J	37 S	"	ED
"	"	"	100	420 J	37 S	"	"
LKHA101 80"N	4 27 00	+35 12 02	52	82 J	37 S	"	ED
"	"	"	100	77 J	37 S	"	"
LKHA101 40"E	4 27 03	+35 10 42	52	510 J	37 S	"	ED
"	"	"	100	450 J	37 S	"	"
FIRSSE 58	4 27 04	+35 10 12	20	337 J	10 M	830201	
"	"	"	27	1150 J	10 M	"	
"	"	"	93	3988 JL	10 M	"	
LKHA101 80"E	4 27 05	+35 10 42	52	95 J	37 S	790702	ED
"	"	"	100	130 J	37 S	"	"
AFGL 585	4 27 07	+35 09 54	8.4	−2.0 MV	17 S	800213	AFGL
"	"	"	8.6	−1.9 M	8.5 S	"	"
"	"	"	8.6	−1.9 MV	26 S	"	"
"	"	"	10.7	−2.2 M	8.5 S	"	"
"	"	"	10.7	−2.2 MV	26 S	"	"
"	"	"	11.0	−2.9 M	10 M	760913	
"	"	"	11.2	−2.4 MV	17 S	800213	AFGL
"	"	"	12.2	−2.7 M	8.5 S	"	"
"	"	"	12.2	−2.6 MV	26 S	"	"
"	"	"	12.5	−2.6 MV	17 S	"	"
"	"	"	18	−3.1 M	8.5 S	"	"
"	"	"	18	−2.6 MV	26 S	"	"
"	"	"	19.8	−4.4 M	10 M	760913	
LKHA 101 120E	4 27 08	+35 10 42	52	34 J	37 S	790702	ED
"	"	"	100	−16 J	37 S	"	"
UX TAU	4 27 09.9	+18 07 21	10	4.9 MU	11 S	741108	CSI 79
"	"	"	11.0	3.4 MU	11 S	730005	"
UX TAU A	-	-	9.5	6.3 M	-	760306	"
"	-	-	11.1	5.7 M	-	"	"
FX TAU	4 27 13	+24 19 41	10	5.0 M	11 S	741108	GCVS

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
DK TAU	4 27 40.4	+25 54 59	8.4	3.1 M	11 s	730005	780909
"	"	"	8.4	3.6 M	–	760306	"
"	"	"	10	3.2 M	11 s	741108	"
"	"	"	10	3.09 MV	12 s	760107	"
TAU #8	"	"	10	3.07 M	1 M	780909	
DK TAU	"	"	11.0	3.0 M	11 s	730005	780909
"	"	"	11.1	2.9 M	–	760306	"
"	"	"	12.6	2.9 M	–	"	"
TAU #8	"	"	20	1.4 M	1 M	780909	
L1551 IRS5	4 28 31.6	+17 59 52	377	107 J	86 s	821215	
"	"	"	811	15.0 J	86 s	"	
"	4 28 40.2	+18 01 45	10.0	2.8 J	3.8 s	810402	
"	"	"	10.5	2.3 J	3.8 s	"	
"	"	"	12.8	6.9 J	3.8 s	"	
"	"	"	18.0	20.0 J	3.8 s	"	
"	"	"	20.0	37.0 J	3.8 s	"	
"	"	"	25.0	63.0 J	3.8 s	"	
"	"	"	85	750 J	4.5 M	801108	810402
"	"	"	150	475 J	4.5 M	"	"
FIRSSE 59	4 28 43	+18 02 06	20	47 J	10 M	830201	
"	"	"	27	106 J	10 M	"	
"	"	"	93	2019 J	10 M	"	
HL TAU	4 28 44.4	+18 07 37	5.0	3.8 M	35 s	740706	760504
"	"	"	8	S	–	800509	"
"	"	"	8.4	2.4 M	35 s	740706	"
"	"	"	8.4	2.4 MV	–	760306	"
"	"	"	8.4	2.38 M	–	800509	"
"	"	"	8.5	2.45 M	–	"	"
"	"	"	8.6	2.65 M	11 s	741108	"
"	"	"	10	2.5 M	11 s	"	"
"	"	"	10	2.29 MV	12 s	760107	"
"	"	"	10.1	2.2 MV	–	760306	"
"	"	"	10.1	2.0 MV	–	"	"
"	"	"	11.1	2.0 M	35 s	740706	"
"	"	"	11.1	1.93 M	–	800509	"
"	"	"	11.2	1.90 M	–	"	"
"	"	"	11.3	2.1 M	11 s	741108	"
"	"	"	12.3	1.74 M	–	800509	"
"	"	"	12.5	1.72 M	–	"	"
"	"	"	12.6	1.5 M	35 s	740706	"
"	"	"	12.6	1.4 MV	–	760306	"
"	"	"	18	0.8 M	11 s	741108	"
"	"	"	20	−0.8 MV	–	760306	"
XZ TAU	4 28 46.1	+18 07 36	8.4	3.56 MV	12 s	760107	760504
"	"	"	8.4	3.8 MV	–	760306	"
"	"	"	8.6	2.4 M	11 s	741108	"
"	"	"	10	2.0 M	11 s	"	"
"	"	"	10	3.22 MV	12 s	760107	"
"	"	"	11.1	3.12 M	12 s	"	"
"	"	"	11.1	2.9 MV	–	760306	"
"	"	"	11.3	1.6 M	11 s	741108	"
"	"	"	12.6	2.7 MV	–	760306	"
"	"	"	18	−0.5 M	11 s	741108	"
"	"	"	20	0.6 M	–	760306	"
LKHA 266	4 29 03.6	+18 15 16	10	5.3 MU	11 s	741108	729902
"	"	"	10	5.5 MU	–	760306	"
AFGL 589	4 29 04	+22 45 12	19.8	−3.9 M	10 M	760913	
TAU #9	4 29 09.6	+24 27 17	10	4.8 M	1 M	780909	
TAU #23	4 29 13.5	+24 22 40	10	4.3 M	1 M	"	
IRC+30088	4 29 14	+31 00 30	8.6	0.5 M	–	740705	IRC
"	"	"	10.7	−0.6 M	–	"	"
AFGL 590	4 29 28	+31 00 36	8.6	0.5 M	26 s	800213	AFGL
"	"	"	10.7	−0.6 M	26 s	"	"
AFGL 591	4 29 28	−37 09 36	11.0	−0.9 M	10 M	760913	
TAU #25	4 29 30.1	+24 13 44	10	4.6 M	1 M	780909	
"	"	"	20	0.6 MU	1 M	"	
HARO 6-18	4 29 34	+24 13	8.6	4.10 M	–	791211	ED
"	"	"	10.3	3.55 M	–	"	"
"	"	"	11.3	3.46 M	–	"	"
"	"	"	18	0.6 MU	–	"	"
GG TAU	4 29 37	+17 25 25	10	4.2 M	11 s	741108	GCVS
"	"	"	10	4.0 M	–	760306	"
TAU #10	4 29 37.7	+23 52 07	10	5.1 MU	1 M	780909	
UZ TAU	4 29 39.0	+25 46 31	10	3.6 M	11 s	741108	CSI 79
TAU #11	4 29 39.2	+25 46 14	10	4.0 M	1 M	780909	
"	"	"	10	3.7 M	1 M	"	
IRC+20085	4 29 50	+22 33 30	10.7	0.6 MU	–	740705	IRC
GH TAU	4 30 04.7	+24 03 18	10	4.9 M	11 s	741108	780909
TAU #26	"	"	10	5.6 M	1 M	780909	
"	"	"	20	0.6 MU	1 M	"	
TAU #12	4 30 05.2	+24 03 39	10	5.3 M	1 M	"	
3C 120	4 30 31.5	+ 5 15 01	5	0.1 JV	V	700306	789906
"	"	"	10	0.28 J	6 s	720901	"
"	"	"	10.2	0.3 J	V	700306	"
"	"	"	10.6	0.220 J	–	781209	"
"	"	"	21	0.5 J	6 s	720901	"
"	"	"	21	0.470 J	–	781209	"
"	"	"	22	9.0 JV	V	700306	"
"	"	"	1000	7.0 JV	55 s	780210	"
"	"	"	1000	2.2 JU	55 s	810103	"
"	"	"	1000	1.4 J	–	800818	"
"	"	"	1570	15 J	1 M	761201	"
"	"	"	1670	3 J	1 M	"	"
GI TAU	4 30 32.3	+24 15 04	10	4.0 M	11 s	741108	780909
TAU #27	"	"	10	3.8 M	1 M	780909	
GI TAU	"	"	10	4.3 MV	–	760306	780909
"	"	"	18	1.7 MU	11 s	741108	"
TAU #27	"	"	20	1.1 MU	1 M	780909	
GK TAU	4 30 32.7	+24 14 54	8.4	4.8 MV	–	760306	780909
"	"	"	10	4.4 M	11 s	741108	"
TAU #28	"	"	10	4.0 M	1 M	780909	
GK TAU	"	"	10	4.3 MV	–	760306	780909
"	"	"	11.1	3.7 MV	–	"	"
"	"	"	18	1.7 MU	11 s	741108	"
IRC+50122	4 30 34	+47 08 06	8.6	1.2 MU	–	740705	IRC
"	"	"	10.7	0.4 MU	–	"	"
DL TAU	4 30 36	+25 14 22	10	4.75 MU	11 s	741108	GCVS
"	"	"	10	4.7 M	–	760306	"
AFGL 595	4 30 40	+62 08 36	11.0	−1.9 M	10 M	760913	
"	"	"	19.8	−3.0 M	10 M	"	
HN TAU	4 30 41	+17 52 27	8.4	4.6 M	–	760306	GCVS
"	"	"	10	4.5 M	11 s	741108	"
"	"	"	11.1	4.0 M	–	760306	"
CI TAU	4 30 52	+22 43 50	8.4	5.0 M	–	"	GCVS
DM TAU	4 30 57	+18 03 37	10	4.75 M	11 s	741108	GCVS
AFGL 596S	4 31 26	−29 50 18	11.0	−1.1 M	10 M	770706	
NGC 1614	4 31 35.7	− 8 40 56	5.0	0.27 J	6 s	720901	759903
"	"	"	8	S	4.7 s	810912	"
"	"	"	10	0.92 J	6 s	720901	"
"	"	"	10.6	0.63 J	8.5 s	790405	"
"	"	"	12.81	235 G	4.7 s	810912	"
"	"	"	21	4.0 J	6 s	720901	"
"	"	"	21	3.1 J	5.7 s	790405	"
AFGL 598	4 31 48	− 8 20 06	11.0	−2.1 M	10 M	760913	
AA TAU	4 31 54	+24 22 46	10	4.75 M	11 s	741108	GCVS
"	"	"	10	4.9 M	–	760306	"
DN TAU	4 32 25	+24 08 56	10	5.3 M	11 s	741108	GCVS
"	"	"	10	5.5 M	–	760306	"
FIRSSE 60	4 32 31	+51 06 42	20	57 J	10 M	830201	
"	"	"	27	151 J	10 M	"	
"	"	"	40	217 J	10 M	"	
"	"	"	93	1474 J	10 M	"	
AFGL 600	4 32 36	+28 25 48	11.0	−0.4 M	10 M	760913	
HP TAU	4 32 48	+22 48 18	10	3.9 M	11 s	741108	GCVS
"	"	"	18	1.4 M	11 s	"	"
ALF TAU	4 33 02.9	+16 24 36	5.0	−2.87 M	–	700302	CSI 79
"	"	"	5.0	−2.65 C	–	640501	"
BS 1457	"	"	5.00	−2.76 M	–	751004	"
ALF TAU	"	"	8.4	−2.96 M	12 s	760107	"
"	"	"	8.4	−3.00 M	–	751106	"
"	"	"	8.4	−2.97 M	–	710403	"
"	"	"	8.4	−2.78 C	–	710203	"
"	"	"	8.6	−3.0 M	11 s	740605	"
"	"	"	8.6	−2.97 M	–	741009	"
"	"	"	8.6	−3.0 M	–	721203	"
"	"	"	8.7	−2.98 M	11 s	740807	"
"	"	"	8.7	−2.98 M	–	741008	"
"	"	"	8.7	−2.98 M	–	741105	"
"	"	"	10	34.2 F	5.9 s	640201	"
"	"	"	10	−2.97 M	11 s	740807	"
"	"	"	10	−3.05 M	12 s	760107	"
"	"	"	10	−3.1 M	–	741107	"
"	"	"	10	−3.00 M	–	741009	"
"	"	"	10	−2.97 M	–	741008	"
"	"	"	10	P	–	720803	"
"	"	"	10	−2.90 M	–	781217	"
"	"	"	10	−3.00 M	–	800509	"
BS 1457	"	"	10.0	−2.92 M	–	751004	"
ALF TAU	"	"	10.0	−2.97 M	–	741105	"
"	"	"	10.1	19.1 F	–	760603	"
"	"	"	10.2	−2.97 M	10 s	730011	"
"	"	"	10.2	−3.11 M	–	700302	"
"	"	"	10.2	−2.84 M	–	730002	"
"	"	"	10.3	−3.0 M	11 s	740605	"
"	"	"	10.4	−2.72 C	–	640501	"
"	"	"	10.6	14.8 F	25 s	810215	"
"	"	"	10.6	558 J	–	821204	"
"	"	"	10.8	−3.0 M	–	721203	"
"	"	"	10.8	−2.98 M	–	741009	"
"	"	"	11	14 F	11 s	730106	"
"	"	"	11	−2.99 M	–	710403	"
"	"	"	11.0	−2.97 C	–	710203	"
"	"	"	11.1	−3.09 M	12 s	760107	"
"	"	"	11.3	−3.0 M	11 s	740605	"
"	"	"	11.3	−3.00 M	–	751106	"
"	"	"	11.3	−2.99 M	–	741009	"
"	"	"	11.3	−3.0 M	–	721203	"
"	"	"	11.4	−3.05 M	11 s	740807	"
"	"	"	11.4	−3.05 M	–	741008	"
"	"	"	11.4	−3.05 M	–	741105	"
"	"	"	12.4	−3.0 M	11 s	740605	"
"	"	"	12.6	−3.07 M	11 s	740807	"
"	"	"	12.6	−3.07 M	–	741008	"
"	"	"	12.6	−3.07 M	–	741105	"
"	"	"	12.8	−3.0 M	11 s	740605	"
"	"	"	12.8	−3.0 M	–	721203	"
"	"	"	12.8	−3.00 M	–	741009	"
"	"	"	18	−3.0 M	11 s	740605	"
"	"	"	18	−3.0 M	–	721203	"
"	"	"	18	−3.1 M	–	741009	"
"	"	"	19.5	−3.16 M	11 s	740807	"
"	"	"	19.5	−3.07 M	–	741105	"
"	"	"	20	−3.23 M	9 s	731104	"
"	"	"	20	−3.21 M	10 s	721002	"
"	"	"	20	1.42 F	13 s	761011	"
"	"	"	20	−3.0 M	–	721203	"
"	"	"	20	−3.2 M	–	741107	"
"	"	"	20.4	191 J	–	821204	"
"	"	"	22	−3.0 M	11 s	740605	"
"	"	"	22	−3.0 M	–	721203	"
"	"	"	22	−3.1 M	–	741009	"
"	"	"	22.0	−3.04 M	–	700302	"
"	"	"	23	−3.16 M	–	741105	"
"	"	"	25	0.60 F	13 s	761011	"
"	"	"	27	−3.0 M	11 s	740605	"
"	"	"	33	0.21 F	13 s	761011	"
"	"	"	34	74 JV	5.7 s	750701	"
"	"	"	34	66 J	8.5 s	"	"
FIRSSE 61	4 33 07	+50 46 36	20	33 J	10 M	830201	
"	"	"	27	78 J	10 M	"	
"	"	"	93	984 J	10 M	"	
AFGL 601	4 33 10	+16 23 18	8.4	−2.8 M	11 s	800213	AFGL
CRL 601	"	"	8.7	−2.98 M	11 s	760606	"
"	"	"	10	−2.97 M	11 s	"	"
AFGL 601	"	"	11.0	−3.2 M	10 M	760913	
"	"	"	11.2	−3.0 M	11 s	800213	AFGL
CRL 601	"	"	11.4	−3.05 M	11 s	760606	"
"	"	"	12.5	−3.07 M	11 s	"	"
"	"	"	19.5	−3.16 M	11 s	"	"
"	"	"	23	−3.16 M	11 s	"	"
AFGL 606	4 34 58	+66 03 18	11.0	−0.5 M	10 M	760913	
DO TAU	4 35 25	+26 04 56	8.4	4.0 MV	–	760306	GCVS
"	"	"	10	3.6 M	11 s	741108	"
"	"	"	10	3.78 MV	12 s	760107	"
"	"	"	10	3.6 MV	–	760306	"
"	"	"	11.1	3.4 MV	–	"	"
"	"	"	12.6	3.6 M	–	"	"
"	"	"	18	0.4 M	11 s	741108	"
AFGL 608	4 35 29	+ 8 14 24	11.0	−1.4 M	10 M	760913	
AFGL 611S	4 36 00	+59 58 42	11.0	−1.5 M	10 M	770706	
"	"	"	19.8	−3.7 M	10 M	"	
R DOR	4 36 10.3	−62 10 30	10	−4.4 M	–	710605	CSI 79
"	"	"	20	−5.66 M	–	821005	"
VY TAU	4 36 18	+22 42 04	10	5.2 MU	11 s	741108	GCVS
"	"	"	10	5.5 M	–	760306	"
TAU #16	4 36 34.4	+26 05 35	10	3.7 M	1 M	780909	

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
TAU #17	4h 36m 40.6	+25° 10′ 11″	10	4.4 MU	1 M	"	
TAU #18	4 36 51.8	+25 39 13	8.5	2.9 M	9 S	"	
"	"	"	9.3	2.7 M	9 S	"	
"	"	"	10	2.4 M	9 S	"	
"	"	"	10.9	2.6 M	9 S	"	
"	"	"	12.2	1.9 M	9 S	"	
FIRSSE 62	4 36 56	+50 22 18	20	70 J	10 M	830201	
"	"	"	27	96 J	10 M	"	
"	"	"	40	450 J	10 M	"	
"	"	"	93	1555 J	10 M	"	
FIRSSE 63	4 39 31	+36 01 06	20	1006 J	10 M	"	
AFGL 614	4 38 11	−19 45 12	11.0	−0.7 M	10 M	760913	
TAU-AUR STAR4	4 38 13	+28 34 16	10.3	3.6 MU	-	791211	
AFGL 615	4 38 15	−14 19 00	11.0	−1.0 M	10 M	760913	
AFGL 617	4 38 41	−38 18 18	8.6	0.3 M	26 S	800213	AFGL
"	"	"	11.0	−1.9 M	10 M	760913	
AFGL 4360S	4 38 47	+79 03 42	19.8	−3.4 M	10 M	770706	
AFGL 618	4 39 30	+36 01 48	8.4	−1.4 MV	17 S	800213	AFGL
CRL 618	"	"	8.4	−1.4 C	18 S	761210	"
AFGL 618	"	"	8.6	−1.6 M	8.5 S	800213	"
"	"	"	10.7	−2.4 M	8.5 S	"	"
"	"	"	11.0	−2.5 M	10 M	760913	
"	"	"	11.2	−2.6 MV	17 S	800213	AFGL
CRL 618	"	"	11.2	−2.6 C	18 S	761210	"
AFGL 618	"	"	12.2	−3.0 M	8.5 S	800213	"
"	"	"	12.5	−3.1 MV	17 S	"	"
CRL 618	"	"	12.5	−3.0 C	18 S	761210	"
AFGL 618	"	"	18	−4.8 M	8.5 S	800213	"
"	"	"	19.8	−4.8 M	10 M	760913	
"	"	"	35	2130 J	22 S	780411	AFGL
"	"	"	35	1987 J	45 S	"	"
"	"	"	53	1355 J	22 S	"	"
FIRSSE 63	4 39 31	+36 01 06	20	1006 J	10 M	830201	
"	"	"	27	1102 J	10 M	"	
"	"	"	93	434 J	10 M	"	
CRL 618	4 39 33.8	+36 01 15	8.7	−1.7 M	-	751203	
"	"	"	10.1	−2.4 M	-	"	
"	"	"	11.2	−2.5 M	-	"	
"	"	"	12.5	−3.1 M	-	"	
"	"	"	20.0	−4.7 M	-	"	
"	"	"	34.0	−5.6 M	-	"	
DP TAU	4 39 34	+25 10 03	10	4.3 M	11 S	741108	GCVS
AFGL 4362S	4 39 34	−32 35 48	11.0	−1.6 M	10 M	770706	
AFGL 619	4 39 37	+ 6 47 12	11.0	−1.2 M	10 M	760913	
AFGL 4364S	4 39 46	−27 28 30	11.0	−1.1 M	10 M	770706	
AFGL 624	4 40 34.0	+32 46 24	8.4	0.61 M	17 S	790401	
"	"	"	11.2	0.56 M	17 S	"	
"	"	"	12.5	0.53 M	17 S	"	
AFGL 622	4 40 59	+20 40 48	8.4	1.26 M	17 S	"	
"	"	"	11.2	0.78 M	17 S	"	
"	"	"	12.5	0.72 M	17 S	"	
TAU #19	4 41 14.3	+25 19 20	10	5.4 M	1 M	780909	
AFGL 625S	4 41 49	− 8 23 24	11.0	−0.7 M	10 M	770706	
IRC+20091	4 42 10	+24 37 24	10.7	0.7 MU	-	740705	IRC
AFGL 4370S	4 42 26	− 2 41 24	11.0	−1.9 M	10 M	770706	
AFGL 630S	4 43 22	+14 58 00	11.0	−1.2 M	10 M	"	
"	"	"	19.8	−5.0 M	10 M	"	
AFGL 4372S	4 43 29	−30 44 48	19.8	−3.3 M	10 M	"	
DQ TAU	4 43 59	+16 54 38	8.4	5.2 M	-	760306	GCVS
"	"	"	10	4.6 M	11 S	741108	"
"	"	"	12.6	4.9 M	-	760306	"
RV TAU	4 44 01.9	+26 05 26	8.6	0.6 M	-	721203	780909
TAU #20	"	"	10	0.3 M	1 M	780909	
RV TAU	"	"	10.8	−0.1 M	-	721203	780909
"	"	"	11.3	0.1 M	-	"	"
"	"	"	12.8	−0.1 M	-	"	"
"	"	"	18	−0.9 M	-	"	"
TAU #20	"	"	20	−0.6 M	1 M	780909	
RV TAU	"	"	20	−0.9 M	-	721203	780909
"	"	"	22	−1.0 M	-	"	"
HARO 6-37	4 44 05.9	+16 57 19	10	4.5 M	11 S	741108	729902
DR TAU	4 44 12	+16 53 19	10	3.25 M	11 S	"	GCVS
"	"	"	10.1	4.2 M	-	760306	"
"	"	"	11.1	3.4 M	-	"	"
"	"	"	12.6	3.1 M	-	"	"
"	"	"	18	1.3 M	11 S	741108	
IRC+50127	4 44 25	+47 33 06	8.6	1.4 MU	-	740705	IRC
"	"	"	10.7	0.5 MU	-	"	"
AFGL 632	4 44 38	+61 25 48	8.6	0.9 M	26 S	800213	AFGL
"	"	"	11.0	−1.3 M	10 M	760913	
DS TAU	4 44 39	+29 20 00	10	4.3 MU	11 S	741108	GCVS
"	"	"	11.0	3.8 M	22 S	730005	"
KS PER	4 45 19.9	+43 11 19	5.0	4.65 M	-	700302	779907
"	"	"	8.6	4.4 M	-	731004	"
"	"	"	10.2	3.50 M	-	700302	"
"	"	"	11.3	3.5 M	-	731004	"
"	"	"	18	1.8 MU	-	"	"
TAU #21	4 45 44.1	+25 32 59	8.5	0.8 MV	1 M	780909	
"	"	"	9.3	0.7 MV	1 M	"	
"	"	"	10	5.5 MU	1 M	"	
"	"	"	10	0.7 MV	1 M	"	
"	"	"	10.9	0.3 MV	1 M	"	
"	"	"	12.2	0.0 MV	1 M	"	
"	"	"	20	−0.5 MV	1 M	"	
AFGL 4376S	4 45 45	−36 17 48	27.4	−6.6 M	10 M	770706	
ST CAM	4 46 01.2	+68 05 01	8.6	−0.5 M	-	721103	779907
"	"	"	8.6	4.57 F	-	761005	"
"	"	"	10.8	2.70 F	-	"	"
"	"	"	10.8	−0.9 M	-	721103	"
"	"	"	12.2	−0.5 M	-	"	"
"	"	"	12.2	1.26 F	-	761005	"
AFGL 633	4 46 08	+68 05 48	8.6	−0.5 M	26 S	800213	AFGL
"	"	"	10.7	−0.9 M	26 S	"	"
"	"	"	11.0	−1.3 M	10 M	760913	
"	"	"	12.2	−1.1 M	26 S	800213	AFGL
"	"	"	19.8	−2.4 M	10 M	760913	
AFGL 634	4 46 12	− 3 57 30	11.0	−0.5 M	10 M	"	
"	"	"	19.8	−3.7 M	10 M	"	
AFGL 635	4 46 32.4	+37 24 07	8.4	1.31 M	17 S	790401	
"	"	"	11.2	1.21 M	17 S	"	
"	"	"	12.5	1.32 M	17 S	"	
II ZW 23	4 47 00	+ 3 15	10	0.13 J	6 S	720901	740903
AFGL 4382S	4 47 44	+68 51 30	19.8	−2.6 M	10 M	770706	
IRC+20094	4 47 47	+15 42 30	8.6	1.5 MU	-	740705	IRC
"	"	"	10.7	−0.5 MU	-	"	"
AFGL 639	4 48 23	+28 26 36	8.4	0.26 M	17 S	790401	
"	"	"	11.2	0.02 M	17 S	"	
"	"	"	12.5	0.04 M	17 S	"	

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
UY AUR	4h 48m 36.0	+30° 42′ 21″	8.4	3.2 M	11 S	730005	CSI 79
"	"	"	11.0	2.2 M	11 S	"	"
"	"	"	18	1.1 M	11 S	"	"
IRC+30099	4 48 52	+28 55 12	8.6	1.4 MU	-	740705	IRC
"	"	"	10.7	0.0 M	-	"	"
ALF CAM	4 49 03.7	+66 15 37	10	4.11 M	11 S	740807	CSI 79
HD 30614	"	"	10	4.11 M	-	780704	"
AFGL 4383S	4 49 13	+28 53 48	8.6	1.4 MU	26 S	800213	770706
"	"	"	10.7	0.0 M	26 S	"	"
AFGL 4384S	4 49 28	+36 36 36	19.8	−3.8 M	10 M	770706	
AFGL 644	4 49 45	+14 09 06	11.0	−1.3 M	10 M	760913	
AFGL 646S	4 50 39	+38 09 00	19.8	−2.9 M	10 M	770706	
AFGL 4387S	4 51 17	+69 17 06	19.8	−3.5 M	10 M	"	
GM AUR	4 52 00	+30 17 11	10	4.85 MU	11 S	741108	GCVS
FIRSSE 64	4 52 26	+47 16 48	20	20 J	10 M	830201	
"	"	"	93	188 J	10 M	"	
AB AUR	4 52 34.4	+30 28 22	8	S	-	800509	760504
"	"	"	8.4	1.3 MV	11 S	730006	"
"	"	"	8.4	1.20 MV	12 S	760107	"
"	"	"	8.4	1.3 M	-	710202	"
"	"	"	8.5	1.20 MV	-	800509	"
"	"	"	8.6	1.4 M	11 S	730006	"
"	"	"	8.6	1.4 M	-	721203	"
"	"	"	9.6	0.40 M	-	800509	"
"	"	"	10	0.56 M	-	720404	"
"	"	"	10.2	0.56 M	-	700302	"
"	"	"	10.8	0.15 M	11 S	730006	"
"	"	"	11.0	0.1 MV	11 S	"	"
"	"	"	11.0	0.65 M	-	710202	"
"	"	"	11.1	0.09 MV	12 S	760107	"
"	"	"	11.1	0.26 M	-	800509	"
"	"	"	11.3	0.2 M	11 S	730006	"
"	"	"	11.3	0.2 M	-	721203	"
"	"	"	11.6	0.20 M	-	800509	"
"	"	"	12.3	0.19 M	-	"	"
"	"	"	12.8	0.4 M	11 S	730006	"
"	"	"	18	−1.7 M	11 S	"	"
"	"	"	20	−2.0 M	11 S	"	"
"	"	"	20	0.45 F	13 S	770902	"
"	"	"	20	−1.63 M	-	741002	"
"	"	"	22	−2.3 M	11 S	730006	"
"	"	"	25	0.25 F	13 S	770902	"
SU AUR	4 52 47.8	+30 29 19	8	S	-	800509	760504
"	"	"	8.4	2.7 MV	11 S	730005	"
"	"	"	8.4	2.88 MV	12 S	760107	"
"	"	"	8.4	3.0 MV	-	760306	"
"	"	"	8.5	3.35 M	-	800509	"
"	"	"	8.6	2.6 M	-	721203	"
"	"	"	9.6	2.56 M	-	800509	"
"	"	"	10.1	2.2 MV	-	760306	"
"	"	"	11.0	2.1 MV	11 S	730005	"
"	"	"	11.1	1.85 MV	12 S	760107	"
"	"	"	11.1	2.1 CV	-	760306	"
"	"	"	11.3	2.6 M	-	721203	"
"	"	"	11.6	2.32 M	-	800509	"
"	"	"	12.6	2.2 MV	-	760306	"
"	"	"	18	0.1 M	11 S	730005	"
"	"	"	20	−0.2 MV	-	760306	"
AFGL 648	4 52 55	+59 03 48	11.0	−1.1 M	10 M	760913	
IOT AUR	4 53 43.9	+33 05 18	5.0	−0.46 C	-	650002	CSI 79
"	"	"	5.0	−0.46 M	-	700302	"
"	"	"	10	1.94 F	V	660501	"
"	"	"	10	8.12 F	5.9 S	640201	"
"	"	"	10.2	−0.97 M	-	700302	"
"	"	"	10.4	−1.20 C	-	650002	"
AFGL 654	4 53 50	+33 04 36	11.0	−1.7 M	10 M	760913	
HD 268757	4 54 26.5	−69 17 13	10.8	2.5 MU	V	710701	CSI 79
FIRSSE 65	4 54 52	+47 53 54	27	116 J	10 M	830201	
"	"	"	93	623 J	10 M	"	
AFGL 657S	4 55 21	−34 23 12	11.0	−2.5 M	10 M	770706	
AFGL 663	4 56 32	+74 10 36	19.8	−3.1 M	10 M	760913	
FIRSSE 66	4 56 38	+56 06 30	20	1060 J	10 M	830201	
"	"	"	27	608 J	10 M	"	
"	"	"	93	19 J	10 M	"	
TX CAM	4 56 42	+56 06 42	8.4	−3.0 CV	-	760610	GCVS
"	"	"	11.2	−4.1 CV	-	"	"
"	"	"	12.5	−3.9 CV	-	"	"
"	"	"	20	−5.21 M	-	741002	"
AFGL 664	4 56 44	+56 06 48	8.4	−3.3 MV	17 S	800213	AFGL
"	"	"	8.6	−2.9 M	8.5 S	"	"
"	"	"	8.6	−3.6 M	26 S	"	"
"	"	"	10.7	−3.8 M	8.5 S	"	"
"	"	"	10.7	−3.7 M	26 S	"	"
"	"	"	11.0	−4.2 M	10 M	760913	
"	"	"	11.2	−4.4 MV	17 S	800213	AFGL
"	"	"	12.2	−3.7 M	8.5 S	"	"
"	"	"	12.2	−3.6 M	26 S	"	"
"	"	"	12.5	−4.2 MV	17 S	"	"
"	"	"	18	−4.6 M	8.5 S	"	"
"	"	"	18	−4.2 M	26 S	"	"
"	"	"	19.8	−5.2 M	10 M	760913	
GLIESE 182	4 56 58.9	+ 1 42 36	11.4	3.71 CU	10 S	741205	CSI 79
AFGL 667	4 57 19	−14 53 54	8.4	−1.8 M	11 S	800213	AFGL
"	"	"	8.4	−2.0 MV	17 S	"	"
"	"	"	8.6	−1.7 M	26 S	"	"
"	"	"	10.7	−2.4 M	26 S	"	"
"	"	"	11.0	−3.0 M	10 M	760913	
"	"	"	11.2	−2.5 M	11 S	800213	AFGL
"	"	"	11.2	−2.7 MV	17 S	"	"
"	"	"	12.2	−2.6 M	26 S	"	"
"	"	"	12.5	−2.5 MV	17 S	"	"
"	"	"	18	−2.0 M	26 S	"	"
"	"	"	19.8	−3.1 M	10 M	760913	
R LEP	4 57 19.7	−14 52 46	5.0	−0.93 M	-	700302	CSI 79
"	"	"	7.9	17.2 F	-	761005	"
"	"	"	8.4	14.7 F	-	"	"
"	"	"	8.4	−2.16 CV	-	750104	"
"	"	"	8.4	−1.79 C	-	710405	"
"	"	"	8.4	−1.79 C	-	710203	"
"	"	"	8.6	11.0 F	-	761005	"
"	"	"	8.6	−1.9 M	-	721103	"
"	"	"	9.1	10.3 F	-	761005	"
"	"	"	10.0	8.48 F	-	"	"
"	"	"	10.2	−2.41 M	-	700302	"
"	"	"	10.8	−2.8 M	-	721103	"
"	"	"	10.8	10.3 F	-	761005	"
"	"	"	11	−2.86 CV	-	750104	"
"	"	"	11.0	10.3 F	-	761005	"

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
"	h m s	° ′ ″	11.0	−2.54 C	–	710405	"
"	"	"	11.0	−2.54 C	–	710203	"
"	"	"	12.1	8.99 F	–	761005	"
"	"	"	12.2	5.28 F	–	"	"
"	"	"	12.2	−2.5 M	–	721103	"
"	"	"	13.2	10.3 F	–	761005	"
"	"	"	18.0	−2.1 M	–	721103	"
"	"	"	18.0	0.719 F	–	761005	"
"	"	"	20	−2.92 M	9 s	731104	"
"	"	"	20.0	1.07 F	–	761005	"
"	"	"	22.0	−2.06 M	–	700302	"
EPS AUR	4 58 22.4	+43 45 03	5.0	0.70 M	–	"	CSI 79
"	"	"	8.6	0.7 M	–	731004	"
"	"	"	9.5	−1.42 C	–	641101	"
"	"	"	10	8.9 F	5.9 s	640201	"
"	"	"	10.2	1.05 M	–	700302	"
"	"	"	11.3	0.6 M	–	731004	"
"	"	"	18	0.5 M	–	"	"
AFGL 671	4 58 57	+60 23	8.4	1.84 M	17 s	790401	
"	"	"	11.2	1.87 M	17 s	"	
"	"	"	12.5	2.11 M	17 s	"	
ZET AUR	4 58 58.6	+41 00 17	8.6	0.1 M	–	731004	CSI 79
"	"	"	11.3	0.0 M	–	"	"
"	"	"	18	0.2 M	–	"	"
AFGL 674	4 58 59	+41 01	8.4	0.00 M	17 s	790401	
"	"	"	11.2	−0.04 M	17 s	"	
"	"	"	12.5	−0.02 M	17 s	"	
IRC+10076	4 59 05	+ 6 35 36	8.6	1.3 MU	–	740705	IRC
"	"	"	10.7	−0.3 MU	–	"	"
AFGL 674	4 59 11	+41 00 00	8.6	0.1 M	26 s	800213	AFGL
"	"	"	10.7	−0.6 M	26 s	"	"
IRC+50134	4 59 29	+47 05 24	8.6	1.2 MU	–	740705	IRC
"	"	"	10.7	−0.3 MU	–	"	"
AFGL 4388S	4 59 43	−26 16 48	19.8	−3.2 M	10 M	770706	
UX ORI	5 02 01	− 3 51 26	8.4	3.6 M	11 s	730005	GCVS
"	"	"	11.0	3.2 M	11 s	"	"
AFGL 681	5 02 41	+44 47 30	8.6	0.3 M	26 s	800213	AFGL
AFGL 682	5 02 42	−21 58 48	11.0	−1.8 M	10 M	760913	
AFGL 683	5 02 45	+ 1 05 48	8.4	−1.2 M	11 s	800213	AFGL
"	"	"	11.0	−1.9 M	10 M	760913	
"	"	"	11.2	−1.7 M	11 s	800213	AFGL
W ORI	5 02 48.5	+ 1 06 37	8.4	−1.24 C	–	710405	CSI 79
"	"	"	8.4	−1.24 C	–	710203	"
"	"	"	8.4	9.76 F	–	761005	"
"	"	"	11.0	4.27 F	–	"	"
"	"	"	11.0	−1.74 C	–	710405	"
"	"	"	11.0	−1.74 C	–	710203	"
"	"	"	20	−1.97 M	9 s	731104	"
"	"	"	20.0	0.444 F	–	761005	"
J320	5 02 48.6	+10 38 25	10	4.4 MU	11 s	741009	739909
"	"	"	18	1.3 MU	11 s	"	"
AFGL 687	5 03 13	+50 19 18	11.0	−1.3 M	10 M	760913	
AFGL 688	5 03 26	−22 27 00	11.0	−1.2 M	10 M	"	
AFGL 4391S	5 03 59	+ 0 28 00	11.0	−1.2 M	10 M	770706	
FIRSSE 67	5 04 18	− 3 26 48	20	42 J	10 M	830201	
"	"	"	27	112 J	10 M	"	
"	"	"	40	311 J	10 M	"	
RW AUR	5 04 37.6	+30 20 13	8.4	3.7 M	22 s	730005	CSI 79
"	"	"	8.4	3.7 MV	–	760306	"
"	"	"	10	3.20 MV	12 s	760107	"
"	"	"	10.1	3.0 MV	–	760306	"
"	"	"	11.0	3.0 M	22 s	730005	"
"	"	"	11.1	3.0 CV	–	760306	"
"	"	"	12.6	3.1 MV	–	"	"
"	"	"	20	1.2 MV	–	"	"
AFGL 693	5 05 24	+68 36 30	8.6	0.8 M	26 s	800213	AFGL
"	"	"	10.7	0.9 M	26 s	"	"
"	"	"	11.0	−1.1 M	10 M	760913	
AFGL 4392S	5 05 39	+38 55 54	12.2	0.8 M	26 s	800213	AFGL
NGC 1808	5 05 59	−37 34 36	19.8	−3.4 M	10 M	770706	
"	"	"	7.8	−16.8 RE	13 s	820901	789907
"	"	"	8.6	−17.1 RE	13 s	"	"
"	"	"	9.6	−17.6 RE	13 s	"	"
"	"	"	10	−17.2 RE	13 s	"	"
"	"	"	10.4	−17.4 RE	13 s	"	"
"	"	"	11.4	−17.3 RE	13 s	"	"
"	"	"	12.4	−17.3 RE	13 s	"	"
"	"	"	20	−17.4 RE	13 s	"	"
0506+101	5 06	+10 06	10.6	.0035 JV	5.5 s	821201	ED
AFGL 696S	5 06 19	+79 41 18	11.0	−0.9 M	10 M	770706	
"	"	"	19.8	−3.4 M	10 M	"	
AFGL 697	5 06 26	+22 59 12	8.6	1.0 MU	26 s	800213	AFGL
"	"	"	10.6	0.9 M	26 s	"	"
"	"	"	10.7	0.0 M	26 s	"	"
AFGL 4393S	5 06 34	−24 53 12	11.0	−1.5 M	10 M	770706	
IRC+20100	5 06 44	+22 58 00	8.6	1.0 MU	–	740705	IRC
"	"	"	10	0.9 M	–	"	"
"	"	"	10.7	0.0 M	–	"	"
AFGL 4394S	5 06 56	− 8 52 36	19.8	−3.1 M	10 M	770706	
AFGL 699	5 07 02	−34 37 00	11.0	−1.5 M	10 M	760913	
IRC+50137	5 07 19.7	+52 48 53	10.1	−2.94 C	–	720001	
"	"	"	19.5	−4.04 C	–	"	
"	5 07 20	+52 48 42	8.4	−2.0 CV	–	760610	IRC
"	"	"	8.6	−1.7 M	–	740705	"
"	"	"	10	−2.5 ME	–	740408	"
"	"	"	10.7	−2.4 M	–	740705	"
"	"	"	11.2	−2.8 CV	–	760610	"
"	"	"	12.2	−2.6 M	–	740705	"
"	"	"	12.5	−2.9 CV	–	760610	"
"	"	"	18	−3.5 M	–	740705	"
"	"	"	20	−4.12 M	–	741002	"
AFGL 700	5 07 23	+52 48 30	8.6	−2.2 M	8.5 s	800213	AFGL
"	"	"	8.4	−2.0 MV	17 s	"	"
"	"	"	8.6	−2.0 MV	26 s	"	"
"	"	"	10.7	−2.7 M	8.5 s	"	"
"	"	"	10.7	−2.6 MV	26 s	"	"
"	"	"	11.0	−2.1 M	10 M	760913	
"	"	"	11.2	−2.8 MV	17 s	800213	AFGL
"	"	"	11.3	−3.1 M	8.5 s	"	"
"	"	"	12.2	−3.0 M	8.5 s	"	"
"	"	"	12.2	−3.0 MV	26 s	"	"
"	"	"	12.5	−3.0 MV	17 s	"	"
"	"	"	18	−4.3 MV	8.5 s	"	"
"	"	"	18	−3.8 MV	26 s	"	"
AFGL 702	5 08 57	−11 53 06	19.8	−3.8 M	10 M	760913	
"	"	"	8.6	−1.8 M	26 s	800213	AFGL
"	"	"	10.7	−2.2 M	26 s	"	"
			11.0	−2.4 M	10 M	760913	

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
"	h m s	° ′ ″	12.2	−2.2 M	26 s	800213	AFGL
"	"	"	18	−2.6 M	26 s	"	"
"	"	"	19.8	−4.0 M	10 M	760913	
RX LEP	5 09 02.7	−11 54 34	20	−3.0 M	14 s	760901	CSI 79
AFGL 4397S	5 09 24	+80 48 54	11.0	−1.1 M	10 M	770706	
S PIC	5 09 37.2	−48 34 00	8.1	71 J	15 s	800510	CSI 79
"	"	"	9.57	99 J	15 s	"	"
"	"	"	10	113 J	15 s	"	"
"	"	"	12.2	63 J	15 s	"	"
"	"	"	20	61 J	15 s	"	"
"	"	"	30	60 JU	15 s	"	"
FIRSSE 68	5 09 55	+37 23 06	20	64 J	10 M	830201	
"	"	"	27	99 J	10 M	"	
"	"	"	93	1221 J	10 M	"	
AFGL 705S	5 10 07	− 8 08 00	11.0	−1.1 M	10 M	770706	
S 228	5 10 11	+37 23 43	11.6	21 J	60 s	771009	599901
AFGL 707	5 11 11	+ 0 31 48	19.8	−3.4 M	10 M	760913	
3C 135	5 11 33.8	+ 0 53 08	1570	57 JU	1 M	761201	769906
AFGL 708	5 11 58	+ 0 36 42	8.6	0.1 M	26 s	800213	AFGL
"	"	"	10.7	0.3 M	26 s	"	"
"	"	"	12.2	0.2 M	26 s	"	"
BET ORI	5 12 07.9	− 8 15 27	5.0	0.10 M	–	700302	CSI 79
"	"	"	8.6	0.00 M	11 s	770504	"
"	"	"	8.7	−0.03 M	11 s	740807	"
"	"	"	10	2.17 F	5.9 s	640201	"
"	"	"	10	−0.02 M	11 s	740807	"
"	"	"	10	0.06 M	11 s	770504	"
"	"	"	10.2	0.03 M	–	700302	"
"	"	"	10.4	0.09 C	–	640501	"
"	"	"	10.4	0.14 C	–	650002	"
"	"	"	11.3	0.04 M	11 s	770504	"
"	"	"	11.4	0.11 M	11 s	740807	"
"	"	"	12.6	−0.05 M	11 s	"	"
"	"	"	18	−0.31 M	11 s	770504	"
"	"	"	19.5	−0.11 M	11 s	740807	"
"	"	"	20	−0.52 M	9 s	731104	"
"	"	"	22.0	−0.57 M	–	700302	"
HD 34033	5 12 10.5	+12 57 27	10	4.5 MU	11 s	750608	CSI 79
AFGL 712S	5 12 57	+45 31 06	11.0	−0.5 M	10 M	770706	
ALF AUR	5 12 59.4	+45 56 56	5.0	−1.93 M	–	700302	CSI 79
"	"	"	5.0	−1.68 C	–	640501	"
BS 1708	"	"	5.00	−1.68 M	–	751004	"
ALF AUR	"	"	8.4	−2.00 M	–	710403	"
"	"	"	8.6	−2.0 M	–	721203	"
"	"	"	10	12.9 F	5.9 s	640201	"
BS 1708	"	"	10.0	−1.84 M	–	751004	"
ALF AUR	"	"	10.2	−2.04 M	–	700302	"
"	"	"	10.4	−1.84 C	–	640501	"
"	"	"	11	−2.01 M	–	710403	"
"	"	"	11.3	−2.0 M	–	721203	"
"	"	"	20	−2.05 M	9 s	731104	"
"	"	"	22.0	−1.98 M	–	700302	"
AFGL 713	5 13 02	+45 56 18	11.0	−2.3 M	10 M	760913	
FIRSSE 69	5 13 11	+34 16 48	20	81 J	10 M	830201	
"	"	"	27	94 J	10 M	"	
"	"	"	93	189 J	10 M	"	
AFGL 714	5 13 12	+11 56 48	19.8	−3.9 M	10 M	760913	
AFGL 715	5 13 16	+53 32 30	11.0	−2.5 M	10 M	"	
"	"	"	19.8	−2.9 M	10 M	"	
FIRSSE 70	5 13 26	+45 31 00	20	45 J	10 M	830201	
"	"	"	27	51 J	10 M	"	
"	"	"	93	109 J	10 M	"	
FIRSSE 71	5 13 26	+53 31 48	20	142 J	10 M	"	
"	"	"	27	86 J	10 M	"	
"	"	"	93	9 J	10 M	"	
AFGL 720	5 14 34	+42 44 18	11.0	−1.2 M	10 M	760913	
IRC+60154	5 15 05	+63 12 54	8.6	−1.1 M	–	740705	IRC
"	"	"	10.7	−2.2 M	–	"	"
"	"	"	12.2	−2.1 M	–	"	"
"	"	"	18	−2.3 M	–	"	"
AFGL 724	5 15 08	+63 13 00	8.6	−1.0 MV	26 s	800213	AFGL
"	"	"	10.7	−1.9 MV	26 s	"	"
"	"	"	11.0	−2.1 M	10 M	760913	
"	"	"	12.2	−2.2 MV	26 s	800213	AFGL
"	"	"	18	−2.2 MV	26 s	"	"
"	"	"	19.8	−3.0 M	10 M	760913	
HD 34454	5 15 14.3	+13 21 42	8.6	0.9 M	11 s	750608	CSI 79
"	"	"	11.3	0.9 M	11 s	"	"
"	"	"	18	0.25 M	11 s	"	"
AFGL 726S	5 15 26	−25 45 48	19.8	−2.9 M	10 M	770706	
AFGL 4402S	5 16 18	−49 11 36	19.8	−4.1 M	10 M	"	
AFGL 4050	5 16 41	−65 02 00	19.8	−3.6 M	10 M	760913	
AFGL 733	5 17 43	−17 56 36	8.6	0.6 M	26 s	800213	AFGL
"	"	"	10.7	−0.2 M	26 s	"	"
"	"	"	11.0	−1.5 M	10 M	760913	
"	"	"	12.2	−0.1 M	26 s	800213	AFGL
3C 138	5 18 16.7	+16 35 26	1570	21 JU	1 M	761201	769906
AFGL 4404S	5 18 25	+ 7 19 24	11.0	−1.1 M	10 M	770706	
AFGL 735	5 18 26	+32 29 12	11.0	−1.3 M	10 M	760913	
AFGL 4405S	5 18 29	+73 40 18	11.0	−1.1 M	10 M	770706	
UV AUR	5 18 33.3	+32 27 51	8.6	0.5 M	–	731004	779907
"	"	"	11.3	−0.6 M	–	"	"
"	"	"	12.2	−0.2 M	–	"	"
"	"	"	18	−0.3 M	–	"	"
FIRSSE 72	5 19 42	+33 55 30	20	26 J	10 M	830201	
"	"	"	27	45 J	10 M	"	
"	"	"	93	1493 J	10 M	"	
FIRSSE 73	5 19 56	+33 29 12	20	30 J	10 M	"	
"	"	"	27	118 J	10 M	"	
"	"	"	93	128 J	10 M	"	
AFGL 739	5 21 42	+36 08 12	18	−2.1 MU	26 s	800213	AFGL
"	"	"	19.8	−4.7 M	10 M	760913	
FIRSSE 74	5 22 11	+41 39 54	27	68 J	10 M	830201	
"	"	"	93	43 J	10 M	"	
GAM ORI	5 22 26.7	+ 6 18 21	5.0	1.09 M	–	700302	CSI 79
"	"	"	8.7	2.34 M	–	770414	"
"	"	"	9.25	0.45 MU	–	650108	"
"	"	"	10	0.307 FV	V	660501	"
"	"	"	10	4.7 F	5.9 s	640201	"
"	"	"	10.2	0.81 M	–	700302	"
"	"	"	11.4	2.36 M	–	770414	"
BET TAU	5 23 07.7	+28 34 00	5.0	1.91 M	–	700302	CSI 79
"	"	"	10.2	2.27 M	–	"	"
AFGL 4412S	5 23 16	+20 33 48	19.8	−3.7 M	10 M	770706	
AFGL 745S	5 23 39	−33 34 24	19.8	−3.8 M	10 M	"	
FIRSSE 75	5 23 49	+34 07 24	20	52 J	10 M	830201	
"	"	"	27	44 J	10 M	"	
			93	100 J	10 M	"	

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
AFGL 746	5 23 50	+48 40 36	19.8	−4.1 M	10 M	760913	
AFGL 748	5 23 51	+34 06 24	11.0	−1.6 M	10 M	"	
"	"	"	19.8	−4.1 M	10 M	"	
AFGL 751	5 24 16	+23 03 24	8.6	0.4 M	26 S	800213	AFGL
"	"	"	10.7	−0.4 MU	26 S	"	"
IRC+20106	5 24 17	+23 04 00	8.6	0.4 M	−	740705	IRC
"	"	"	10.7	−0.4 MU	−	"	"
FIRSSE 76	5 24 43	+34 22 06	20	43 J	10 M	830201	
"	"	"	27	78 J	10 M	"	
"	"	"	93	571 J	10 M	"	
CO ORI	5 24 50.7	+11 23 15	5.0	4.60 M	−	700302	CSI 79
"	"	"	8.4	3.1 MU	11 S	730005	"
"	"	"	8.4	3.90 MV	12 S	760107	"
"	"	"	8.6	2.6 MU	11 S	730005	"
"	"	"	10	3.53 MV	12 S	760107	"
"	"	"	10.2	3.13 M	−	700302	"
"	"	"	11.0	3.2 MV	11 S	730005	"
"	"	"	11.1	3.40 MV	12 S	760107	"
"	"	"	11.3	2.8 M	11 S	730005	"
"	"	"	18	−0.1 MU	11 S	"	"
"	"	"	18	0.5 MU	11 S	"	"
"	"	"	22.0	1.75 M	−	700302	"
IC 418	5 25 09.5	−12 44 15	5.0	3.84 M	−	"	739909
"	"	"	7.00	4.9 W	−	791205	"
"	"	"	8.0	2.64 JU	9 S	800610	"
"	"	"	8.6	2.0 M	11 S	740605	"
"	"	"	8.6	2.7 M	−	741009	"
"	"	"	8.63	0.85 FV	−	690203	"
"	"	"	8.8	3.59 J	9 S	800610	"
"	"	"	8.9	4 XU	6 S	710207	"
"	"	"	8.99	2.0 W	−	791205	"
"	"	"	9.0	1000 G	7 S	811008	"
"	"	"	9.8	5.43 J	9 S	800610	"
"	"	"	10	10.0 J	9 S	"	"
"	"	"	10	1.3 M	−	741009	"
"	"	"	10.2	1.26 M	−	700302	"
"	"	"	10.3	1.0 M	11 S	740605	"
"	"	"	10.5	1 XU	6 S	710207	"
"	"	"	10.5	100 GU	7 S	811008	"
"	"	"	10.5	2.4 WU	−	791205	"
"	"	"	10.5	0.36 FV	−	690203	"
"	"	"	10.6	9.98 J	9 S	800610	"
"	"	"	10.8	1.1 M	−	741009	"
"	"	"	11	33 J	16 S	720301	"
"	"	"	11	0.05 M	−	741009	"
"	"	"	11	33 J	−	720301	"
"	"	"	11.3	0.5 M	11 S	740605	"
"	"	"	11.3	0.9 M	−	741009	"
"	"	"	11.5	8 XU	6 S	710207	"
"	"	"	11.5	27 J	26 S	690705	"
"	"	"	11.7	12.6 J	9 S	800610	"
"	"	"	12.3	0.05 FV	−	690203	"
"	"	"	12.4	0.4 M	11 S	740605	"
"	"	"	12.6	0.92 FV	−	690203	"
"	"	"	12.7	19.2 J	9 S	800610	"
"	"	"	12.7	1.00 FV	−	690203	"
"	"	"	12.8	6 XU	6 S	710207	"
"	"	"	12.8	26400 G	7 S	811008	"
"	"	"	12.8	−0.6 M	11 S	740605	"
"	"	"	12.8	0.35 M	−	741009	"
"	"	"	12.8	28 W	−	791205	"
"	"	"	12.8	1.94 FV	−	690203	"
"	"	"	12.9	0.43 FV	−	"	"
"	"	"	13	100 X	−	660201	"
"	"	"	13.0	0.22 FV	−	690203	"
"	"	"	16	S	30 S	810806	"
"	"	"	18	−1.1 M	11 S	740605	"
"	"	"	18	−0.9 M	−	741009	"
"	"	"	20	30.0 J	9 S	800610	"
"	"	"	22	−1.4 M	11 S	740605	"
"	"	"	22	−1.1 M	−	741009	"
"	"	"	22.0	−1.63 M	−	700302	"
"	"	"	27	−1.8 M	11 S	740605	"
"	"	"	37	252 J	20 S	800604	"
"	"	"	37	189 J	20 S	"	"
"	"	"	37	257 J	27 S	"	"
"	"	"	52	53 J	20 S	"	"
"	"	"	52	35 J	55 S	"	"
"	"	"	70	41 J	27 S	"	"
"	"	"	70	49 J	27 S	"	"
"	"	"	108	9 J	55 S	"	"
AFGL 752	5 25 19	+17 11 48	19.8	−3.6 M	10 M	760913	
AFGL 754	5 25 28	+32 25 12	11.0	−1.2 M	10 M	"	
HFE 1	5 25 41	− 5 08	100	15000 J	12 M	711201	
AFGL 4416S	5 26 04	+ 0 03 42	11.0	−0.2 M	10 M	770706	
AFGL 756	5 26 05	−20 49 06	11.0	−0.9 M	10 M	760913	
GW ORI	5 26 20.7	+11 49 51	5.0	3.28 M	−	700302	CSI 79
"	"	"	8	S	−	800509	"
"	"	"	8.4	3.0 MV	11 S	730005	"
"	"	"	8.4	2.80 MV	12 S	760107	"
"	"	"	8.5	2.72 M	−	800509	"
"	"	"	9.6	1.76 M	−	"	"
"	"	"	10.2	1.86 M	−	700302	"
"	"	"	11.0	2.2 MV	11 S	730005	"
"	"	"	11.1	1.53 MV	12 S	760107	"
"	"	"	11.6	1.47 M	−	800509	"
"	"	"	18	−0.3 M	11 S	730005	"
"	"	"	22.0	−0.34 M	−	700302	"
S ORI	5 26 32.6	− 4 43 50	5.0	−0.90 M	−	"	CSI 79
"	"	"	20	−2.45 M	−	741002	"
V649 ORI	5 26 36.4	+11 49 37	10	4.55 M	11 S	741108	829902
AFGL 757	5 26 40	− 4 46 48	11.0	−1.7 M	10 M	760913	
HFE 2	5 26 56	− 4 46	100	16000 J	12 M	711201	
"	"	"	170	2.1E5 GU	1 M	791003	711201
"	"	"	500	3.5E5 GU	5 M	"	"
FIRSSE 77	5 27 26	+33 45 54	20	39 J	10 M	830201	
"	"	"	27	127 J	10 M	"	
"	"	"	93	390 J	10 M	"	
AFGL 760S	5 27 34	+15 06 18	19.8	−3.9 M	10 M	770706	
AFGL 4418S	5 27 54	−42 39 30	19.8	−3.8 M	10 M	"	
V448 ORI	5 28 03.5	+12 06 20	10	4.6 MU	11 S	741108	829902
FIRSSE 78	5 28 07	+34 13 54	20	114 J	10 M	830201	
"	"	"	27	226 J	10 M	"	
"	"	"	40	1564 J	10 M	"	
"	"	"	93	1322 J	10 M	"	
AFGL 761	5 28 08	+18 30 48	11.0	−1.7 M	10 M	760913	
AFGL 4419S	5 28 28	− 6 55 48	11.0	−0.5 M	10 M	770706	
HI ORI	5 28 35.7	+12 07 31	10	4.6 M	11 S	741108	829902

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
HK ORI	5 28 39.9	+12 06 54	5.0	5.13 M	−	700302	CSI 79
"	"	"	8.4	3.0 M	11 S	730006	"
"	"	"	8.4	3.01 MV	12 S	760107	"
"	"	"	10	2.67 MV	12 S	"	"
"	"	"	10.2	2.73 M	−	700302	"
"	"	"	11.0	2.9 M	11 S	730006	"
"	"	"	11.1	2.39 MV	12 S	760107	"
"	"	"	18	1.0 M	11 S	730006	"
"	"	"	22.0	1.20 M	−	700302	"
HFE 3	5 28 48	− 4 55	100	20000 J	12 M	711201	
"	"	"	500	8.3E5 GU	5 M	791003	711201
IRC+40132	5 29 03	+41 26 00	8.6	1.3 MU	−	740705	IRC
"	"	"	10.7	0.3 MU	−	"	"
AFGL 767	5 29 06	+18 31 18	8.4	−1.0 M	11 S	800213	AFGL
"	"	"	8.4	−1.2 M	17 S	"	"
"	"	"	11.0	−1.5 M	10 M	760913	
"	"	"	11.2	−1.3 M	11 S	800213	AFGL
"	"	"	11.2	−1.4 M	17 S	"	"
"	"	"	12.5	−1.5 M	17 S	"	"
AFGL 765S	5 29 13	−12 24 48	11.0	−1.6 M	10 M	770706	
119 TAU	5 29 16.7	+18 33 31	5.0	−0.70 M	−	700302	CSI 79
"	"	"	7.5	S	−	700805	"
"	"	"	8.4	−1.00 C	−	710203	"
"	"	"	8.4	−1.07 C	−	710405	"
"	"	"	10	−0.80 C	−	670801	"
"	"	"	10.2	−0.83 M	−	700302	"
"	"	"	11	−1.26 M	−	710403	"
"	"	"	11.0	−1.35 C	−	710405	"
"	"	"	11.0	−1.26 C	−	710203	"
"	"	"	11.3	−1.3 M	−	721203	"
CE TAU	"	"	20	−1.82 M	−	741002	"
AFGL 766	5 29 23	−35 29 54	11.0	−1.1 M	10 M	760913	
DEL ORI	5 29 26.9	− 0 20 01	8.6	2.96 M	11 S	770504	CSI 79
"	"	"	11.3	2.73 M	11 S	"	"
"	"	"	18	0.22 MU	11 S	"	"
CHI AUR	5 29 28.2	+32 09 24	10	3.26 M	11 S	"	CSI 79
SAN 1	5 29 42	− 3 08	10	4.5 MU	11 S	741108	729902
RY ORI	5 29 44.3	− 2 51 46	11.0	3.9 M	22 S	730005	CSI 79
AFGL 4420S	5 30 08	− 6 17 42	11.0	−0.3 M	10 M	770706	
FIRSSE 79	5 30 20	+59 11 18	20	94 J	10 M	830201	
"	"	"	93	15 J	10 M	"	
FIRSSE 80	5 30 20	− 5 31 12	93	849 J	10 M	"	
FIRSSE 81	5 30 23	+30 28 18	20	42 J	10 M	"	
"	"	"	27	139 J	10 M	"	
"	"	"	93	158 J	10 M	"	
BRUN 19	5 30 27	− 4 36 42	10.0	5.12 MU	−	810906	829909
BRUN 25	5 30 28.6	− 4 36 00	10.0	5.44 M	−	"	CSI 79
AFGL 771	5 30 30	−17 49 12	11.0	−1.1 M	10 M	760913	
V466 ORI	5 30 35	− 5 28 29	10	4.8 MU	11 S	741108	GCVS
BRUN 59	5 30 45.7	− 4 40 06	10.0	5.41 MU	−	810906	CSI 79
BRUN 111	5 31 06.3	− 5 07 02	10.0	5.29 MU	−	"	749905
HFE 4	5 31 09	− 5 42	100	33000 J	12 M	711201	
AFGL 772S	5 31 13	− 5 19 18	11.0	−0.7 M	10 M	770706	
SAN 2	5 31 20	− 1 11	10	4.8 MU	11 S	741108	729902
CRAB 2' SW	5 31 22	+21 58	50	−12 J	40 S	781220	ED
"	"	"	100	2.1 J	40 S	"	"
CRAB #B	5 31 25	+22 00 00	1230	65.8 JU	−	760601	
CRAB #E	5 31 28	+21 58 40	1230	74.0 JU	−	"	
NGC 1952	5 31 30	+21 59	5.0	2.63 M	−	700302	RNGC
CRAB NEBULA	"	"	10	138 J	4 M	710904	"
"	"	"	50	−17 J	40 S	781220	"
M1	"	"	91	2400 JU	7 M	740908	"
"	"	"	100	20000 XU	7.5 S	720304	
CRAB NEBULA	"	"	100	2.8 J	40 S	781220	RNGC
"	"	"	300	35 J	1.9 M	790610	"
"	"	"	400	41 J	1.9 M	"	"
"	"	"	1000	75 J	3.2 M	"	"
TAU A	"	"	1200	16000 J	14 M	690308	"
CRAB #A	5 31 30	+21 59 43	1230	73.3 J	−	760601	
CRAB PULSAR	5 31 31.5	+21 58 55	1230	31.2 J	−	"	
FIRSSE 82	5 31 32	+21 59 12	20	36 J	10 M	830201	
"	"	"	27	61 J	10 M	"	
"	"	"	93	54 J	10 M	"	
CRAB #D	5 31 34	+21 57 55	1230	62.6 JU	−	760601	
CRAB #C	5 31 35	+21 59 50	1230	54.0 JU	−	"	
BRUN 243	5 31 55.9	− 4 50 12	10.0	5.07 MU	−	810906	CSI 79
AFGL 776	5 31 57	− 5 14 48	11.0	−1.3 M	10 M	760913	
XX ORI	5 32 10	− 6 07 29	10	4.25 MU	11 S	741108	GCVS
IX ORI	5 32 13	− 5 24 36	10	4.4 MU	11 S	"	GCVS
BRUN 359	5 32 15	− 5 20	10.0	4.69 MU	−	810906	779904
V372 ORI	5 32 19.6	− 5 36 09	8.4	2.8 MV	11 S	730005	CSI 79
BRUN 388	"	"	8.7	3.15 M	−	810906	"
"	"	"	10.0	2.91 M	−	"	"
V372 ORI	"	"	11.0	2.7 MV	11 S	730005	"
BRUN 388	"	"	11.4	3.28 M	−	810906	"
V372 ORI	"	"	18	−1.3 MU	26 S	730005	"
YY ORI	5 32 21	− 5 59 54	10	4.8 MU	11 S	741108	GCVS
BRUN 405	5 32 22.4	− 5 20 32	8.7	4.90 M	−	810906	CSI 79
"	"	"	10.0	4.19 M	−	"	"
LAM ORI	5 32 22.9	+ 9 54 10	8.7	3.94 M	11 S	740807	CSI 79
HD 36861	"	"	8.7	3.94 M	−	780704	"
LAM ORI	"	"	10	0.119 F	V	660501	"
"	"	"	10	3.89 M	11 S	740807	"
"	"	"	10	3.91 M	11 S	770504	"
HD 36861	"	"	10	3.89 M	−	780704	"
LAM ORI	"	"	10.7	0.8 MU	−	730303	"
"	"	"	11.4	3.79 M	11 S	740807	"
HD 36861	"	"	11.4	3.79 M	−	780704	"
BRUN 430	5 32 24.9	− 5 34 56	10.0	5.61 MU	−	810906	CSI 79
FIRSSE 83	5 32 25	+57 23 06	20	60 J	10 M	830201	
"	"	"	93	53 J	10 M	"	
BRUN 437	5 32 27.9	− 4 47 51	10.0	4.90 MU	−	810906	CSI 79
AFGL 4425S	5 32 29	− 6 09 12	19.8	−4.0 M	10 M	770706	
FIRSSE 84	5 32 32	− 6 08 06	93	479 J	10 M	830201	
AFGL 780	5 32 35	+ 8 40 06	19.8	−3.8 M	10 M	760913	
AFGL 781	5 32 36	− 4 56 24	11.0	−2.4 M	10 M	"	
KX ORI	5 32 36.5	− 4 45 47	11.0	3.4 MU	11 S	730005	CSI 79
FIRSSE 85	5 32 40	− 4 44 12	93	1171 J	10 M	830201	
BRUN 486	5 32 40	− 4 45	10.0	4.63 MU	−	810906	779904
SY ORI	5 32 41	− 4 29 32	10	4.9 MU	11 S	741108	GCVS
OMC-3	5 32 42.3	− 4 56 55	61	4500 J	3.5 M	780502	
"	"	"	105	8300 J	3.5 M	"	
"	"	"	327	490 JU	9 M	"	
LP ORI	5 32 42.4	− 5 29 45	8.4	2.6 MU	11 S	730005	CSI 79
"	"	"	8.6	2.6 M	12 S	730303	"
"	"	"	8.6	2.8 M	25 S	"	"
BRUN 530	"	"	8.7	3.16 M	−	810906	"
"	"	"	10.0	3.03 M	−	"	"

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
	h m s	° ′ ″					
LP ORI	"	"	10.7	2.8 M	12 s	730303	"
"	"	"	10.7	0 MU	25 s	"	"
"	"	"	11	3.8 MU	5 s	"	"
"	"	"	11	2.5 M	12 s	"	"
"	"	"	11	0.9 M	25 s	"	"
"	"	"	11.0	3.0 M	11 s	730005	"
BRUN 530	"	"	11.4	3.26 M	–	810906	"
LP ORI	"	"	18	−1.6 M	12 s	730303	"
"	"	"	18	−1.9 MV	25 s	"	"
"	"	"	18	−1.8 M	26 s	730005	"
BRUN 530	"	"	19.5	−2.18 M	–	810906	"
M42 W	5 32 42.5	− 5 24 30	1000	66 J	65 s	740402	ED
ORION NEB. 7	5 32 43.0	− 5 23 16	88.4	0.005 E	1.5 M	780807	
ORION POS28	5 32 45.0	− 5 23 55	12.28	S	6 s	820209	ED
ORION POS31	5 32 45.0	− 5 24 10	12.28	S	6 s	"	ED
ORION NEB. 2	5 32 45.0	− 5 25 10	88.4	0.011 E	1.5 M	780807	
ORION POS35	5 32 45.2	− 5 24 15	12.28	S	6 s	820209	ED
BRUN 545	5 32 45.3	− 4 53 31	10.0	3.97 MU	–	810906	CSI 79
ORION POS39	5 32 45.4	− 5 23 57	12.28	S	6 s	820209	ED
ORION POS13	5 32 45.5	− 5 24 01	12.28	S	6 s	"	ED
ORION POS16	5 32 45.6	− 5 23 52	12.28	S	6 s	"	ED
ORION POS33	5 32 45.6	− 5 24 05	12.28	S	6 s	"	ED
ORION POS23	5 32 45.7	− 5 23 35	12.28	S	6 s	"	ED
ORION POS15	5 32 45.7	− 5 23 41	12.28	S	6 s	"	ED
OMC POS 8	5 32 45.8	− 5 23 50	12.3	0.001 EU	7 s	791207	ED
OMC POS 7	5 32 45.8	− 5 24 14	12.3	.0024 E	7 s	"	ED
FIRSSE 86	5 32 46	− 4 52 30	20	92 J	10 M	830201	
"	"	"	27	431 J	10 M	"	
"	"	"	93	4792 JL	10 M	"	
ORION NEBULA	5 32 46	− 5 24 00	12.3	.0035 EU	15 s	780908	
OMC-1 S	5 32 46	− 5 25 50	400	900 J	35 s	820103	ED
"	"	"	400	2000 J	90 s	"	"
LX ORI	5 32 46	− 5 41 26	10	5.2 M	11 s	741108	GCVS
ORION POS1	5 32 46.2	− 5 24 01	12.28	S	6 s	820209	ED
OMC POS 1	"	"	12.3	.0033 E	7 s	791207	"
ORION POS21	5 32 46.2	− 5 24 05	12.28	S	6 s	820209	ED
OMC POS 4	5 32 46.2	− 5 24 28	12.3	.0028 E	7 s	791207	ED
ORION POS34	5 32 46.3	− 5 23 40	12.28	S	6 s	820209	ED
KL NEBULA	5 32 46.3	− 5 24 28	17	S	2.7 M	790810	
"	"	"	18.7	2010 X	2.7 M	"	
OMC POS 5	5 32 46.4	− 5 23 50	12.3	.0023 E	7 s	791207	ED
KL NEB. IRC9	5 32 46.4	− 5 23 53	20	25 J	2 s	810305	
ORION POS30A	5 32 46.4	− 5 23 55	12.28	S	6 s	820209	ED
ORION POS30B	"	"	12.28	S	6 s	"	"
KL REGION A	5 32 46.4	− 5 24 17	11.1	P	8.8 s	741106	
KL NEB. IRC3	5 32 46.5	− 5 24 24	5	S	4 s	810305	
"	"	"	8.7	4 J	2 s	"	
"	"	"	20	530 J	2 s	"	
ORION NEBULA	5 32 46.5	− 5 24 26	33	8E5 B	10 s	780101	
M42	5 32 46.5	− 5 24 40	350	8800 J	56 s	740702	ED
"	"	"	350	20000 J	3.5 M	"	"
ORION POS29	5 32 46.6	− 5 23 40	12.28	S	6 s	820209	ED
M42	5 32 46.6	− 5 24 00	77	8E5 W	2 M	820913	
"	"	"	77	P	–	"	
KL NEBULA 1'N	5 32 46.7	− 5 23 34	350	1380 J	1 M	721003	ED
ORION POS14	5 32 46.7	− 5 24 07	12.28	S	6 s	820209	ED
BN-KL	5 32 46.7	− 5 24 16	8.4	P	V	810502	ED
"	"	"	10.4	P	V	"	"
"	"	"	12.5	P	V	"	"
KL NEB. IRC1	5 32 46.7	− 5 24 17	5	170 JV	V	731102	
BN	"	"	5	S	2 s	810305	
"	"	"	5	S	4 s	"	
"	"	"	8.7	220 J	2 s	"	
KL NEB. IRC1	"	"	10.5	260 JV	V	731102	
BN	"	"	20	630 J	2 s	810305	
KL NEB. IRC1	"	"	21	410 JV	V	731102	
BN	"	"	1230	128 J	–	760601	
OMC POS 10	5 32 46.7	− 5 24 18	12.3	0.001 EU	7 s	791207	ED
OMC-1	5 32 46.7	− 5 24 19	870	30000 BE	36 s	771106	
KL NEB. IRC6	5 32 46.7	− 5 24 20	8.7	2 J	2 s	810305	
"	"	"	20	370 J	2 s	"	
KL NEB. IRC3	5 32 46.7	− 5 24 25	5	3 J	V	731102	
"	"	"	10.5	15 J	V	"	
"	"	"	21	170 J	V	"	
KL	5 32 46.7	− 5 24 28	87.0	S	60 s	810705	
"	"	"	96.7	S	60 s	"	
ORION NEBULA	"	"	118	S	1 M	800804	
KL NEB 30"N	"	"	118.5	S	40 s	810212	
ORION NEBULA	"	"	119	140 X	1 M	800804	
KL	"	"	123.8	S	60 s	810705	
ORION NEBULA	"	"	124	85 X	1 M	800804	
KL NEB. IRC5	5 32 46.7	− 5 24 33	8.7	2 J	2 s	810305	
"	"	"	20	370 J	2 s	"	
KL NEBULA	5 32 46.7	− 5 24 34	5.0	−1.07 M	–	700302	670701
"	"	"	8	S	22 s	730106	"
BN-KL	"	"	8.5	S	V	751102	"
"	"	"	8.6	−2.0 M	25 s	730303	"
"	"	"	8.6	18.3 F	26 s	751102	"
"	"	"	8.6	20.4 F	–	"	"
"	"	"	10.1	9.2 F	26 s	"	"
"	"	"	10.1	10.3 F	–	"	"
KL NEBULA	"	"	10.2	−2.61 M	–	700302	"
KL NEB. IRE2	"	"	10.5	180 J	V	731102	"
KL NEBULA	"	"	10.7	−0.6 M	12 s	730303	"
BN-KL	"	"	10.7	−2.0 M	25 s	"	"
KL NEBULA	"	"	10.7	−2.1 M	25 s	"	"
"	"	"	11	−0.8 M	12 s	"	"
BN-KL	"	"	11.2	13.9 F	26 s	751102	"
"	"	"	11.2	15.6 F	–	"	"
KL NEBULA	"	"	12.2	−3.0 M	12 s	730303	"
BN-KL	"	"	12.2	−3.7 M	25 s	"	"
"	"	"	12.2	31.8 F	26 s	751102	"
"	"	"	12.2	36.3 F	–	"	"
"	"	"	13.1	51.5 F	26 s	"	"
"	"	"	13.1	59.0 F	–	"	"
"	"	"	16	S	17 s	760911	"
KL NEBULA	"	"	16	S	25 s	760912	"
"	"	"	18	−3.8 M	5 s	730303	"
"	"	"	18	−4.8 M	12 s	"	"
BN-KL	"	"	18	−6.0 M	25 s	"	"
KL NEBULA	"	"	18	−6.2 M	25 s	"	"
KL NEB. IRE2	"	"	21	4150 J	V	731102	"
KL NEBULA	"	"	21	−8.0 M	1 M	740509	"
"	"	"	21	P	1 M	781104	"
"	"	"	22	−7.0 M	30 s	670701	
"	"	"	22.0	−8.18 M	–	700302	670701
"	"	"	27	S	50 s	810410	"
"	"	"	29	S	V	770303	"
"	"	"	33	51000 J	20 s	780101	"
"	"	"	33	73000 J	25 s	"	"
"	"	"	33	1.5E5 J	72 s	"	"
"	"	"	34	29000 J	25 s	730805	"
"	"	"	38	P	1 M	781104	"
"	"	"	38	P	1 M	801002	"
"	"	"	39	1.3E5 J	50 s	780502	"
"	"	"	39	3.0E5 J	3.5 M	"	"
"	"	"	56	1.4E5 J	50 s	"	"
"	"	"	56	3.9E5 J	3.5 M	"	"
"	"	"	58	P	1 M	801002	"
"	"	"	58	P	1 M	781104	"
"	"	"	73	1.2E5 J	50 s	780502	"
"	"	"	73	4.0E5 J	3.5 M	"	"
"	"	"	93	P	1 M	801002	"
"	"	"	93	P	1 M	781104	"
"	"	"	140	41000 J	50 s	780502	"
"	"	"	140	1.5E5 J	3.5 M	"	"
"	"	"	151	S	1 M	820603	"
"	"	"	153	70 X	1 M	"	"
"	"	"	153	300 XU	7 M	"	"
"	"	"	300	57000 J	9 M	780502	"
"	"	"	350	4650 J	1 M	721003	"
"	"	"	390	4400 J	1.3 M	780502	"
"	"	"	1000	188 J	55 s	780210	"
BN SOURCE	5 32 46.8	− 5 24 17	5.0	−0.15 M	15 s	691203	670701
BECKLINS STAR	"	"	5.0	−0.06 M	–	700302	"
"	"	"	5.0	−0.14 M	–	700502	"
BN	"	"	7.7	S	V	820206	"
"	"	"	8.3	P	12 s	730803	"
"	"	"	8.4	P	8.8 s	741106	"
"	"	"	8.51	P	12 s	730803	"
"	"	"	8.6	−1.7 M	5 s	730303	"
"	"	"	8.6	−1.9 M	12 s	"	"
"	"	"	8.6	−2.1 M	25 s	"	"
"	"	"	8.8	−14.9 R	–	760910	"
"	"	"	9.15	P	12 s	730803	"
"	"	"	9.8	−15.2 R	–	760910	"
"	"	"	9.95	P	12 s	730803	"
INFRARED STAR	"	"	10.0	−1.2 M	13 s	670202	"
BECKLINS STAR	"	"	10.2	−1.10 M	–	700502	"
"	"	"	10.2	−2.90 M	–	700302	"
BN	"	"	10.6	−15.1 R	–	760910	"
"	"	"	10.7	−2.5 M	5 s	730303	"
"	"	"	10.7	−2.3 M	12 s	"	"
"	"	"	10.7	P	12 s	730803	"
"	"	"	10.7	−2.7 M	25 s	730303	"
"	"	"	11	−2.0 M	5 s	"	"
"	"	"	11	−2.2 M	12 s	"	"
"	"	"	11	−2.5 M	25 s	"	"
"	"	"	11.1	P	8.8 s	741106	"
"	"	"	11.1	P	11 s	791102	"
"	"	"	11.1	P	12 s	730803	"
"	"	"	11.7	−14.9 R	–	760910	"
"	"	"	12.2	−2.7 M	5 s	730303	"
"	"	"	12.2	400 J	7 s	731211	"
"	"	"	12.2	−3.2 M	12 s	730303	"
"	"	"	12.2	−3.7 M	25 s	"	"
"	"	"	12.6	P	8.8 s	741106	"
"	"	"	12.6	−14.7 R	–	760910	"
"	"	"	18	−4.0 M	5 s	730303	"
"	"	"	18	−4.5 M	12 s	"	"
"	"	"	18	−5.8 M	25 s	"	"
"	"	"	19.6	P	11 s	791102	"
BN SOURCE	"	"	20	400 J	5 s	730502	"
BN	"	"	33	835 JU	10 s	780101	"
"	"	"	34	2300 JV	5.7 s	750701	"
KL REGION B	5 32 46.8	− 5 24 22	11.1	P	8.8 s	741106	
KL NEB. IRC4	5 32 46.8	− 5 24 28	5	S	4 s	810305	
"	"	"	8.7	6 J	2 s	"	
KL REGION C	"	"	11.1	P	8.8 s	741106	
KL NEB. IRC4	"	"	20	630 J	2 s	810305	
KL NEBULA	"	"	1230	170 J	–	760601	
KL NEB. IRC4	5 32 46.8	− 5 24 29	5	1.5 JU	V	731102	
"	"	"	8	S	3.4 s	810616	731102
"	"	"	10.5	23 J	V	731102	
BN 12"S	"	"	11.1	P	5.4 s	791102	ED
"	"	"	11.1	P	11 s	"	"
"	"	"	19.6	P	5.4 s	"	"
"	"	"	19.6	P	11 s	"	"
KL NEB. IRC4	"	"	21	250 J	V	731102	
KL REGION D	5 32 46.8	− 5 24 33	11.1	P	8.8 s	741106	
OMC POS 9	5 32 46.8	− 5 24 45	12.3	0.001 EU	7 s	791207	ED
M42 N	5 32 46.9	− 5 23 30	1000	162 J	65 s	740402	ED
BN 6"S,1"E	5 32 46.9	− 5 24 23	11.1	P	11 s	791102	ED
"	"	"	19.6	P	11 s	"	"
KL NEB. IRC7	5 32 46.9	− 5 24 24	8.7	6 J	2 s	810305	
"	"	"	20	420 J	2 s	"	
KL NEBULA	"	"	1000	300 J	1.6 M	740404	
M42 C	5 32 46.9	− 5 24 30	1000	229 J	65 s	740402	ED
KL NEB. IRC5	5 32 46.9	− 5 24 33	5	1.5 JU	V	731102	
"	"	"	10.5	10 JU	V	"	
"	"	"	21	110 J	V	"	
M42 S	5 32 46.9	− 5 25 30	1000	131 J	65 s	740402	ED
ORION NEBULA	5 32 47	− 5 24 20	21	−10.5 M	1 M	740509	ED
OMC-1 N	"	"	400	1500 J	35 s	820103	"
"	"	"	400	3000 J	90 s	"	"
OMC-1	5 32 47	− 5 24 30	400	6700 J	3.0 M	791209	
"	"	"	610	S	2.5 M	800602	
"	"	"	1000	215 J	1 M	761003	
"	"	"	1000	240 J	1.0 M	740804	761003
"	5 32 47	− 5 24 50	400	6000 J	180 s	820103	ED
ORION POS20	5 32 47.0	− 5 23 55	12.28	S	6 s	820209	ED
TRAPEZIUM #1	5 32 47.0	− 5 24 20	8.6	4800 IE	9.2 s	751102	ED
"	"	"	10.1	1500 IE	9.2 s	"	"
"	"	"	11.2	2400 IE	9.2 s	"	"
"	"	"	12.3	4800 IE	9.2 s	"	"
"	"	"	13.1	12000 IE	9.2 s	"	"
KL NEB. IRC2	5 32 47.0	− 5 24 23	5	S	4 s	810305	
"	"	"	8.7	12 J	2 s	"	
BN 6"S,3"E	"	"	11.1	P	11 s	791102	ED
"	"	"	19.6	P	11 s	"	"
KL NEB. IRC2	"	"	20	260 J	2 s	810305	
"	5 32 47.0	− 5 24 24	5	10 J	V	731102	
"	"	"	10.5	30 J	V	"	
"	"	"	21	110 J	V	"	
ORION NEB. 3	5 32 47.0	− 5 24 25	88.4	0.010 E	1.5 M	780807	
BN 16"S,4"E	5 32 47.0	− 5 24 33	11.1	P	11 s	791102	ED

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
"	h m s	° ′ ″	19.6	P	11 s	"	"
ORION POS17	5 32 47.1	− 5 24 20	12.28	S	6 s	820209	ED
OMC POS 11	5 32 47.1	− 5 24 23	12.3	0.001 EU	7 s	791207	ED
OMC POS 6	5 32 47.2	− 5 24 00	12.3	.0028 E	7 s	"	ED
OMC POS 3	5 32 47.2	− 5 24 29	12.3	.0012 E	7 s	"	ED
ORION NEB. A	5 32 47.2	− 5 25 34	10.5	0.050 EU	1 M	780807	ED
"	"	"	18.7	0.039 E	1 M	"	
"	"	"	33.4	0.09 EU	1 M	"	ED
"	"	"	34.8	0.05 EU	1 M	"	"
"	"	"	36.0	0.012 EU	1 M	"	"
KL NEB. IRC8	5 32 47.3	− 5 24 29	8.7	S	4 s	810305	
"	"	"	20	180 J	2 s	"	
ORION NEBULA	5 32 47.5	− 5 24 30	20	17000 J	1 M	760303	ED
"	"	"	50	1.1E5 J	1 M	"	"
"	"	"	100	90000 J	1 M	"	"
ORION POS44	5 32 47.6	− 5 24 30	12.28	S	6 s	820209	ED
ORION POS19	5 32 47.7	− 5 23 55	12.28	S	6 s	"	ED
ORION POS25	5 32 47.8	− 5 24 26	12.28	S	6 s	"	ED
ORI IRA+IRB	5 32 48	− 5 24	150	9.0E5 X	7 M	701103	
ORION NEBULA	5 32 48	− 5 24 35	75	S	5 M	750804	ED
"	"	"	80	S	7.4 M	750702	"
"	"	"	100	S	2.1 M	780107	"
"	"	"	100	50 F	−	"	"
M42	5 32 48	− 5 25	86	S	4.4 M	780407	
"	"	"	88.4	1060 X	4.4 M	"	
FJM 1	"	"	100	1.1E6 X	4.5 M	720902	
M42	"	"	100	1.1E6 X	7.5 s	720304	
ORION NEBULA	5 32 48	− 5 25 12	8.5	S	15 s	690306	ED
"	"	"	18.66	S	55 s	761106	"
"	"	"	18.7	0.028 E	55 s	"	"
"	"	"	21	S	4.7 M	741102	"
"	"	"	33	S	4.5 M	781218	"
"	"	"	51	S	4.4 M	780611	"
"	"	"	80	S	5 M	741113	"
"	"	"	88.2	S	90 s	761106	"
"	"	"	88.4	0.02 E	90 s	"	"
"	"	"	388	11150 J	1.6 M	740703	"
"	"	"	408	9700 J	1.6 M	"	"
"	"	"	444	8250 J	1.6 M	"	"
"	"	"	900	45000 J	−	700308	"
ORION NEB. C	5 32 48.0	− 5 24 37	18.7	0.026 E	1 M	780807	
ORION NEBULA	5 32 48.0	− 5 25 26	8.99	17700 G	10 s	790812	
"	"	"	10.5	24400 G	10 s	"	
"	"	"	12.8	8100 G	10 s	"	
ORION NEB. 1	5 32 48.0	− 5 25 40	88.4	0.014 E	1.5 M	780807	
TRAPEZIUM #3	5 32 48.2	− 5 24 20	10.1	240 IE	9.2 s	751102	ED
"	"	"	11.2	360 IE	9.2 s	"	"
"	"	"	12.3	960 IE	9.2 s	"	"
"	"	"	13.1	1500 IE	9.2 s	"	"
OMC POS 2	5 32 48.2	− 5 24 33	12.3	.0023 E	7 s	791207	ED
THE 1 ORI A	5 32 48.3	− 5 25 22	11	2.8 MU	5 s	730303	CSI 79
TRAPEZIUM 1'S	5 32 48.5	− 5 24 12	350	1640 J	1 M	721003	ED
NEY-ALLEN I	5 32 48.5	− 5 25 12	8.5	S	V	751102	740903
TRAPEZIUM	"	"	8.6	1.8 M	5 s	730303	"
NEY-ALLEN	"	"	8.6	4.4 F	13 s	751102	"
"	"	"	8.6	9.1 F	26 s	"	"
"	"	"	8.6	26.1 F	−	"	"
"	"	"	10.1	9.3 F	13 s	"	"
"	"	"	10.1	19.4 F	26 s	"	"
"	"	"	10.1	51.2 F	−	"	"
TRAPEZIUM	"	"	10.7	−0.4 M	5 s	730303	"
"	"	"	11	0.2 M	5 s	"	"
NEY-ALLEN	"	"	11.2	7.9 F	13 s	751102	"
"	"	"	11.2	19.4 F	26 s	"	"
"	"	"	11.2	54.4 F	−	"	"
TRAPEZIUM	"	"	12.2	−0.3 M	5 s	730303	"
NEY-ALLEN	"	"	12.2	5.7 F	13 s	751102	"
"	"	"	12.2	14.4 F	26 s	"	"
"	"	"	12.2	49.1 F	−	"	"
"	"	"	13.1	4.1 F	13 s	"	"
"	"	"	13.1	10.6 F	26 s	"	"
"	"	"	13.1	33.9 F	−	"	"
TRAPEZIUM	"	"	16	S	17 s	760911	"
"	"	"	16	S	25 s	760912	"
"	"	"	16	S	2.7 M	800805	"
"	"	"	18	−2.6 M	5 s	730303	"
"	"	"	18.65	S	26 s	820811	"
"	"	"	18.71	60 X	26 s	821102	"
"	"	"	18.71	60 X	26 s	820811	"
"	"	"	20	2200 J	26 s	690305	"
"	"	"	33	1600 J	25 s	780101	"
"	"	"	33.3	S	26 s	820811	"
"	"	"	33.47	18 X	26 s	"	"
"	"	"	33.47	19 X	26 s	821102	"
NEY-ALLEN	"	"	34	1000 J	25 s	730805	"
TRAPEZIUM	"	"	50	S	4 M	730707	"
"	"	"	350	1820 J	1 M	721003	"
"	5 32 48.5	− 5 25 17	17	S	2.7 M	790810	
"	"	"	18.7	2380 X	2.7 M	"	
M42	"	"	50.6	S	6 M	790112	
"	"	"	51.8	7000 X	6 M	"	
ORION NEBULA	"	"	59	S	6 M	790111	
THE 1 ORI B	5 32 48.6	− 5 25 29	11	3.1 MU	5 s	730303	CSI 79
ORION POS26	5 32 48.8	− 5 24 35	12.28	S	6 s	820209	ED
BRUN 582	5 32 48.9	− 4 43 34	10.0	5.22 MU	−	810906	CSI 79
M42	5 32 48.9	− 5 24 53	6	S	27 s	821101	ED
"	"	"	6.99	12 XU	27 s	"	"
"	"	"	8	S	7 s	"	"
"	"	"	8.99	3.4 X	11 s	"	"
"	"	"	10.51	7.2 X	11 s	"	"
"	"	"	12.81	6.6 X	11 s	"	"
"	"	"	16	S	30 s	"	"
"	"	"	18.7	93 X	30 s	"	"
THE 1 ORI C	5 32 48.9	− 5 25 13	8.6	1.8 M	12 s	730303	CSI 79
"	"	"	8.6	−0.6 M	25 s	"	"
THE 1 ORI	"	"	10.2	−0.86 M	−	700302	"
"	"	"	10.2	0.99 M	−	"	"
THE 1 ORI C	"	"	10.7	0.0 M	12 s	730303	"
"	"	"	10.7	−2.8 MV	25 s	"	"
"	"	"	11	3.2 M	5 s	"	"
"	"	"	11	0.2 M	12 s	"	"
"	"	"	12.2	0.1 M	12 s	"	"
"	"	"	12.2	−2.8 MV	25 s	"	"
"	"	"	18	−1.9 M	12 s	"	"
"	"	"	18	−4.9 MV	25 s	"	"
THE 1 ORI	"	"	22.0	−4.92 M	−	700302	"
ORION NEB. B	5 32 49.0	− 5 25 10	18.7	0.028 E	1 M	780807	
ORION NEB. 4	5 32 49.0	− 5 25 16	88.4	0.011 E	1.5 M	"	

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
M42	5 32 49.6	− 5 25 16	63.2	130 X	75 s	791008	
"	"	"	88.4	120 X	75 s	"	
THE 1 ORI D	5 32 49.7	− 5 25 01	8.6	1.9 M	5 s	730303	CSI 79
TRAPEZIUM #2	"	"	8.6	1800 IE	9.2 s	751102	"
"	"	"	10.1	3600 IE	9.2 s	"	"
THE 1 ORI D	"	"	10.7	−0.2 M	5 s	730303	"
"	"	"	11	0.6 M	5 s	"	"
TRAPEZIUM #2	"	"	11.2	3000 IE	9.2 s	751102	"
THE 1 ORI D	"	"	12.2	0.1 M	5 s	730303	"
TRAPEZIUM #2	"	"	12.3	2400 IE	9.2 s	751102	"
"	"	"	13.1	1800 IE	9.2 s	"	"
THE 1 ORI D	"	"	18	−1.9 M	5 s	730303	"
ORION A	5 32 49.7	− 5 25 12	1230	47.8 J	−	760601	
FIRSSE 87	5 32 50	− 5 24 36	20	30489 JL	10 M	830201	
"	"	"	27	29454 JL	10 M	"	
"	"	"	40	29312 JL	10 M	"	
"	"	"	93	15893 JL	10 M	"	
M42	5 32 50	− 5 25	400	1.9E6 X	8.4 M	710404	
"	5 32 50	− 5 25 00	42	3.5E5 J	5 M	740908	
"	"	"	59	4.2E5 J	5 M	"	
ORION A	"	"	69	1.5E5 J	1.5 M	740803	ED
M42	"	"	78	4.1E5 J	5 M	740908	
"	"	"	91	3.1E5 J	5 M	"	
"	"	"	91	3.9E5 J	8.4 M	"	
"	"	"	183	1.4E5 J	5 M	"	
AFGL 779	5 32 50	− 5 26 36	8.6	−1.9 M	26 s	800213	AFGL
"	"	"	10.7	−1.5 M	26 s	"	"
"	"	"	11.0	−5.1 M	10 M	760913	
"	"	"	12.2	−4.7 M	26 s	800213	AFGL
"	"	"	18	−6.5 M	26 s	"	"
"	"	"	19.8	−7.3 M	10 M	760913	
AFGL 779.1	−	−	8.4	−0.6 M	17 s	800213	ED
"	−	−	8.6	−1.7 M	26 s	"	"
"	−	−	10.7	−3.7 M	26 s	"	"
"	−	−	11.2	−2.6 M	17 s	"	"
"	−	−	11.2	−2.8 M	17 s	"	"
"	−	−	12.2	−3.9 M	26 s	"	"
"	−	−	12.5	−2.6 M	17 s	"	"
"	−	−	18	−4.7 M	17 s	"	"
"	−	−	18	−5.7 M	26 s	"	"
ORION NEB. 5	5 32 50.2	− 5 25 16	88.4	0.010 E	1.5 M	780807	
M42 E	5 32 50.8	− 5 24 30	1000	162 J	65 s	740402	ED
ORION A	5 32 50.8	− 5 25 40	1000	15 J	65 s	"	ED
P1931	5 32 50.9	− 6 00 20	10	4.9 MU	11 s	741108	729902
FIRSSE 88	5 32 52	+36 28 48	93	133 J	10 M	830201	
BRUN 599	5 32 52	− 4 43	10.0	4.97 MU	−	810906	779904
NGC 1976	5 32 52	− 5 25	11.5	350 J	13 s	690705	RNGC
M42	"	"	42	S	5 M	760409	"
"	"	"	85	P	6 M	770102	"
"	"	"	112	65 F	8 M	800902	"
"	"	"	119	60 F	8 M	"	"
"	"	"	146	30 F	8 M	"	"
"	"	"	152	S	8 M	"	"
"	"	"	164	20 F	8 M	"	"
M42 IRE1	−	−	91	4.9E5 J	−	740908	"
M42 IRE3	−	−	91	2.0E5 J	−	"	"
ORION NEB. 6	5 32 52.4	− 5 26 46	88.4	0.011 E	1.5 M	780807	
ORION POS 4	5 32 52.4	− 5 27 04	8	S	7 s	790611	
"	"	"	11.0	S	20 s	"	
BRUN 655	5 32 53.2	− 5 23 29	8.7	2.84 M	−	810906	CSI 79
"	"	"	10.0	2.85 M	−	"	"
"	"	"	11.4	2.44 M	−	"	"
"	"	"	19.5	−0.67 M	−	"	"
ORION POS A	5 32 53.3	− 5 26 04	11	S	7 s	790611	
MX ORI	5 32 53.5	− 5 11 01	8.4	3.0 MU	11 s	730005	CSI 79
BRUN 653	"	"	10.0	5.55 M	−	810906	"
MX ORI	"	"	11.0	3.4 M	11 s	730005	"
ORION POS 3.5	5 32 53.5	− 5 26 52	11	S	7 s	790611	
UCL 1	5 32 54	− 5 24 54	100	1.4E6 W	−	730901	
ORION POS3.25	5 32 54.0	− 5 26 47	11	S	7 s	790611	
CQ TAU	5 32 54.1	+24 43 02	8.4	2.9 M	11 s	730005	CSI 79
"	"	"	8.6	2.65 M	11 s	"	"
"	"	"	10.8	1.9 M	11 s	"	"
"	"	"	11.0	1.9 M	11 s	"	"
"	"	"	11.3	1.8 M	11 s	"	"
"	"	"	12.8	2.0 M	11 s	"	"
"	"	"	18	−0.3 M	11 s	"	"
42 ORI	5 32 55.0	− 4 52 09	10.7	0.3 MU	−	730303	CSI 79
"	"	"	18	−1.3 MU	−	"	"
THE 2 ORI A	5 32 55.3	− 5 26 49	8.6	2.9 M	12 s	"	CSI 79
"	"	"	8.6	1.3 MV	25 s	"	"
"	"	"	10.7	1.8 M	12 s	"	"
"	"	"	10.7	0.2 MV	25 s	"	"
"	"	"	11	3.5 MU	5 s	"	"
"	"	"	11	2.7 M	12 s	"	"
"	"	"	11	0.4 MV	25 s	"	"
"	"	"	12.2	1.3 M	12 s	"	"
"	"	"	12.2	−0.7 MV	25 s	"	"
THE 2 ORI	"	"	17	S	2.7 M	790810	"
THE 2 ORI A	"	"	18	−1.6 M	25 s	730303	"
"	"	"	18	−2.3 MV	25 s	"	"
THE 2 ORI	"	"	18.7	1410 X	2.7 M	790810	"
HFE 5	5 32 56	− 4 46	100	29000 J	12 M	711201	
ORION POS 2	5 32 56.8	− 5 26 13	11	S	7 s	790611	
THE 2 ORI B	5 32 58.9	− 5 26 51	8.6	2.7 M	12 s	730303	CSI 79
"	"	"	8.6	1.6 MV	25 s	"	"
"	"	"	10.7	1.8 M	12 s	"	"
"	"	"	10.7	0.5 MV	25 s	"	"
"	"	"	11	3.5 M	5 s	"	"
"	"	"	11	2.6 M	12 s	"	"
"	"	"	11	1.3 MV	25 s	"	"
"	"	"	12.2	2.1 M	12 s	"	"
"	"	"	18	−0.4 M	12 s	"	"
OMC-2	5 32 59	− 5 11 37	42	140 J	50 s	780502	
"	"	"	42	3000 JU	3.5 M	"	
"	"	"	61	660 J	50 s	"	
"	"	"	61	3400 J	3.5 M	"	
"	"	"	105	1700 J	50 s	"	
"	"	"	105	9500 J	3.5 M	"	
"	"	"	145	1600 J	50 s	"	
"	"	"	145	7200 J	3.5 M	"	
"	"	"	327	4800 J	9 M	"	
"	"	"	390	370 J	1.3 M	"	
"	5 32 59	− 5 12 10	1000	9 J	1 M	761003	
"	5 32 59	− 5 12 11	400	365 J	1.6 M	760509	ED
"	"	"	1000	9 J	55 s	780210	"
OMC-2 IRS3	5 32 59.1	− 5 12 10	42	28 JU	28 s	780502	740801
"	"	"	61	56 JU	28 s	"	"

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
	h m s	° ′ ″					
"	"	"	1000	12 J	1.0 M	740804	"
"	"	"	1230	18.4 J	–	760601	
BRUN 721	5 32 59.1	− 5 56 27	8.7	3.39 M	–	810906	CSI 79
"	"	"	10.0	3.31 M	–	"	"
IOT ORI	"	"	10.7	0.6 MU	–	730303	"
BRUN 721	"	"	11.4	3.58 M	–	810906	"
IOT ORI	"	"	18	−1.2 MU	–	730303	"
OMC-2 IRS4	5 32 59.5	− 5 11 30	42	300 JU	28 S	780502	740801
"	"	"	61	570 J	28 S	"	"
OMC-2	5 32 59.5	− 5 12 30	400	720 J	3.0 M	791209	
"	5 33 00	− 5 12 18	69	3000 J	1.5 M	740803	
AI ORI	5 33 00	− 5 13 03	10	3.75 M	11 S	741108	GCVS
"	"	"	18	1.3 MU	11 S	"	"
HFE 6	5 33 01	− 5 24	100	3.5E5 J	12 M	711201	
NU ORI	5 33 03.7	− 5 17 53	8.4	3.0 M	11 S	730005	CSI 79
"	"	"	8.4	3.3 M	–	710202	"
"	"	"	8.6	1.4 MU	11 S	730005	"
"	"	"	8.6	3.4 M	12 S	730303	"
"	"	"	8.6	3.3 M	15 S	"	"
"	"	"	8.6	1.9 M	25 S	"	"
"	"	"	10.7	2.7 M	15 S	"	"
"	"	"	10.7	0.7 MV	25 S	"	"
"	"	"	11	3.4 MU	5 S	"	"
"	"	"	11	1.1 MV	25 S	"	"
"	"	"	11.0	3.1 M	11 S	730005	"
"	"	"	11.0	2.7 M	–	710202	"
"	"	"	11.3	1.4 M	11 S	730005	"
"	"	"	12.2	0.4 MV	25 S	730303	"
"	"	"	18	−0.6 MU	11 S	730005	"
"	"	"	18	−1.7 MV	25 S	730303	"
V361 ORI	5 33 03.9	− 5 27 07	8.4	2.8 MV	11 S	730005	CSI 79
"	"	"	8.6	2.4 MU	11 S	"	"
"	"	"	8.6	2.1 M	12 S	730303	"
"	"	"	8.6	2.0 MU	25 S	"	"
"	"	"	10.7	2.2 M	12 S	"	"
"	"	"	10.7	0.6 MU	25 S	"	"
"	"	"	11	2.8 M	5 S	"	"
"	"	"	11	2.4 M	12 S	"	"
"	"	"	11	1.6 M	25 S	"	"
"	"	"	11.0	2.0 MV	11 S	730005	"
"	"	"	11.3	1.4 M	11 S	"	"
"	"	"	12.2	1.3 M	12 S	730303	"
"	"	"	18	−1.6 M	11 S	730005	"
"	"	"	18	−1.4 M	12 S	730303	"
"	"	"	18	−1.6 M	25 S	"	"
M43	5 33 04	− 5 18	69	1000 B	1.5 M	740803	RNGC
NV ORI	5 33 04.1	− 5 34 53	8.4	2.6 MU	11 S	730005	CSI 79
"	"	"	8.4	3.7 M	22 S	"	"
BRUN 767	"	"	10.0	3.68 M	–	810906	"
NV ORI	"	"	11.0	3.1 M	11 S	730005	"
V360 ORI	5 33 05	− 5 11 21	10	5.1 M	11 S	741108	GCVS
BRUN 761	5 33 05.2	− 4 52 06	10.0	4.62 MU	–	810906	CSI 79
FIRSSE 89	5 33 22	− 4 16 24	20	20 J	10 M	830201	
"	"	"	27	217 J	10 M	"	
"	"	"	93	19 J	10 M	"	
T ORI	5 33 23.1	− 5 30 17	5.0	4.45 M	–	700302	CSI 79
"	"	"	8.4	3.1 M	11 S	730006	"
BRUN 884	"	"	8.7	3.38 M	–	810906	"
"	"	"	10.0	3.20 M	–	"	"
T ORI	"	"	10.2	2.76 M	–	700302	"
"	"	"	11.0	3.2 M	11 S	730006	"
BRUN 884	"	"	11.4	2.88 M	–	810906	"
"	"	"	19.5	1.85 M	–	"	"
BRUN 907	5 33 26.9	− 5 38 49	10.0	4.64 MU	–	"	CSI 79
BRUN 929	5 33 33.9	− 4 46 52	10.0	5.12 MU	–	"	CSI 79
AFGL 4426S	5 33 36	+75 02 36	11.0	−1.1 M	10 M	770706	
EPS ORI	5 33 40.4	− 1 13 54	8.6	2.21 M	11 S	770504	CSI 79
"	"	"	8.7	2.12 M	11 S	740807	"
"	"	"	10	2.16 M	11 S	"	"
"	"	"	11.3	2.02 M	11 S	770504	"
"	"	"	11.4	2.06 M	11 S	740807	"
"	"	"	12.6	2.07 M	11 S	"	"
"	"	"	18	0.80 M	11 S	770504	"
FIRSSE 90	5 33 46	− 5 19 06	27	168 J	10 M	830201	
"	"	"	40	12694 J	10 M	"	
"	"	"	93	8992 J	10 M	"	
M42 IRE2	5 33 46	− 5 24 45	91	1.3E5 J	–	740908	
BN ORI	5 33 47.7	+ 6 48 10	11.0	2.1 MU	11 S	730005	CSI 79
BRUN 980	5 33 47.7	− 5 40 40	10.0	5.01 MU	–	810906	CSI 79
HFE 7	5 33 48	− 3 53	100	13000 J	12 M	711201	
PQ ORI	5 33 50	− 2 12 49	10	5.25 MU	11 S	741108	GCVS
FIRSSE 91	5 33 53	− 6 46 42	93	212 J	10 M	830201	
FJ4	5 34	−21 48	100	5E5 X	.56 D	701104	
V380 ORI	5 34 00.9	− 6 44 33	5.0	3.50 M	–	700302	CSI 79
"	"	"	8	S	–	800509	"
"	"	"	8.4	2.4 M	11 S	730006	"
"	"	"	8.4	2.1 M	–	710202	"
"	"	"	8.5	2.64 M	–	800509	"
"	"	"	8.6	2.25 M	11 S	730006	"
"	"	"	9.6	2.06 M	–	800509	"
"	"	"	10.2	1.94 M	–	700302	"
"	"	"	10.8	1.0 M	11 S	730006	"
"	"	"	11.0	1.8 M	11 S	"	"
"	"	"	11.0	1.4 M	–	710202	"
"	"	"	11.3	1.7 M	11 S	730006	"
"	"	"	11.6	1.83 M	–	800509	"
"	"	"	12.8	1.7 M	11 S	730006	"
"	"	"	18	0.3 M	11 S	"	"
"	"	"	22.0	−0.86 M	–	700302	"
"	"	"	80	35 J	–	790702	"
40 ORI	5 34 09.3	+ 9 15 53	10	0.232 F	V	660501	CSI 79
FIRSSE 92	5 34 36	+31 58 06	20	19 J	10 M	830201	
"	"	"	93	405 J	10 M	"	
ZET TAU	5 34 39.2	+21 06 49	5	2.4 M	–	701105	CSI 79
"	"	"	8.5	1.0 MU	–	"	"
"	"	"	8.7	1.87 M	11 S	740807	"
"	"	"	10	1.85 M	11 S	"	"
"	"	"	11.4	1.72 M	11 S	"	"
"	"	"	12.6	1.82 M	11 S	"	"
BF ORI	5 34 46.3	− 6 36 11	8.4	3.2 M	11 S	730006	CSI 79
"	"	"	11.0	3.1 M	11 S	"	"
FIRSSE 93	5 35 00	− 4 56 36	20	59 J	10 M	830201	
"	"	"	93	315 J	10 M	"	
AFGL 786	5 35 03	− 1 48 12	11.0	−1.8 M	10 M	760913	
BRUN 1109	5 35 08.7	− 4 57 44	10.0	4.67 MU	–	810906	CSI 79
FIRSSE 94	5 35 11	+35 50 06	20	24 J	10 M	830201	
"	"	"	27	58 J	10 M	"	
"	"	"	40	307 J	10 M	"	

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
	h m s	° ′ ″					
"	"	"	93	313 J	10 M	"	
BRUN 1129	5 35 25.2	− 4 50 30	10.0	4.54 MU	–	810906	CSI 79
AFGL 788	5 35 31	+24 57 42	11.0	−1.7 M	10 M	760913	
FIRSSE 95	5 35 33	+30 40 24	27	76 J	10 M	830201	
"	"	"	93	354 J	10 M	"	
AFGL 4054	5 35 39	−47 57 30	19.8	−5.1 M	10 M	760913	
HARO 13A	5 36 07	− 7 07	8.4	0.24 M	–	751007	IC
"	"	"	8.6	−0.02 M	–	"	"
"	"	"	10.2	−0.45 M	–	"	"
"	"	"	10.8	−0.46 M	–	"	"
"	"	"	11.1	−0.59 M	–	"	"
"	"	"	12.2	−0.98 M	–	"	"
"	"	"	12.6	−0.84 M	–	"	"
"	"	"	12.8	−0.98 M	–	"	"
"	"	"	18	−2.51 M	–	"	"
"	"	"	22	−2.60 M	–	"	"
AFGL 791	5 36 09	+46 44 06	8.6	−1.0 M	26 S	800213	AFGL
"	"	"	10.7	−1.5 M	26 S	"	"
"	"	"	11.0	−1.9 M	10 M	760913	
"	"	"	12.2	−1.8 M	26 S	800213	AFGL
"	"	"	18	−2.7 M	26 S	"	"
"	"	"	19.8	−3.5 M	10 M	760913	
FIRSSE 96	5 36 11	+46 44 30	20	190 J	10 M	830201	
"	"	"	27	113 J	10 M	"	
"	"	"	93	27 J	10 M	"	
HH AUR	5 36 17.9	+29 48 24	8.4	3.4 MU	22 S	730005	CSI 79
"	"	"	11.0	3.2 MU	22 S	"	"
FIRSSE 97	5 36 23	+36 01 36	20	26 J	10 M	830201	
"	"	"	93	175 J	10 M	"	
RR TAU	5 36 23.3	+26 20 56	8.4	3.2 MU	11 S	730006	CSI 79
"	"	"	10	5.0 MU	–	720404	"
"	"	"	11.0	3.1 M	11 S	730006	"
"	"	"	18	0.2 M	11 S	"	"
AFGL 4433S	5 36 29	− 7 20 06	11.0	0.2 M	10 M	770706	
OME ORI	5 36 32.5	+ 4 05 38	8.7	3.19 M	11 S	740807	CSI 79
"	"	"	10	3.13 M	11 S	"	"
"	"	"	11.4	3.14 M	11 S	"	"
AFGL 793	5 36 37	−14 04 36	11.0	−0.5 M	10 M	760913	
AFGL 794	5 36 44	+37 36 00	11.0	−2.0 M	10 M	"	
HARO 4-255	5 36 55	− 7 27	10	4.7 M	11 S	741108	729902
FIRSSE 98	5 37 07	+36 21 18	93	259 J	10 M	830201	
SAN 4	5 37 08	− 2 32 42	10	4.1 MU	11 S	741009	729902
FIRSSE 99	5 37 10	+35 48 48	20	186 J	10 M	830201	
"	"	"	27	260 J	10 M	"	
"	"	"	40	939 J	10 M	"	
"	"	"	93	2636 JL	10 M	"	
AFGL 4434S	5 37 14	+65 40 30	11.0	0.0 M	10 M	770706	
AFGL 796	5 37 19	− 8 11 24	8.4	0.3 M	17 S	800213	AFGL
"	"	"	8.6	0.3 M	26 S	"	"
"	"	"	11.0	−1.1 M	10 M	760913	
"	"	"	11.2	0.2 M	17 S	800213	AFGL
"	"	"	12.5	0.0 M	17 S	"	"
S 235 IRS4	5 37 30.9	+35 40 01	7.8	3.3 J	7 S	810604	810603
"	"	"	8.9	3.4 J	7 S	"	"
"	"	"	10.5	1.4 J	7 S	"	"
"	"	"	12.8	3.2 J	7 S	"	"
"	"	"	18	27 J	7 S	"	"
"	"	"	19.8	22 J	7 S	"	"
"	"	"	25	44 J	7 S	"	"
"	"	"	50	33 J	–	"	"
"	"	"	100	180 J	–	"	"
S 235 IRS3	5 37 31.3	+35 40 49	10	37 J	60 S	"	810603
"	"	"	20	340 J	60 S	"	"
"	"	"	50	695 J	–	"	"
"	"	"	100	740 J	–	"	"
HFE 8	5 37 33	− 6 30	100	15000 J	12 M	711201	
FIRSSE 100	5 37 41	+35 40 48	27	393 J	10 M	830201	
"	"	"	40	2888 J	10 M	"	
"	"	"	93	298 J	10 M	"	
S 235 IRS1	5 37 45.1	+35 48 09	8.9	8.9 J	9 S	810604	810603
"	"	"	10	9 J	9 S	"	"
"	"	"	10.1	8 J	9 S	"	"
"	"	"	10.5	4.6 J	9 S	"	"
"	"	"	11.1	9.3 J	9 S	"	"
"	"	"	12.8	12 J	9 S	"	"
"	"	"	18	19 J	9 S	"	"
"	"	"	19.8	23 J	9 S	"	"
"	"	"	20	23 J	9 S	"	"
"	"	"	25	30 J	9 S	"	"
CRL 799	5 37 46.6	+13 46 45	8.7	0.08 M	11 S	760606	
"	"	"	10	−0.08 M	11 S	"	
"	"	"	11.4	−0.45 M	11 S	"	
"	"	"	12.5	−0.44 M	11 S	"	
"	"	"	19.5	−0.95 M	11 S	"	
"	"	"	23	1.02 MU	11 S	"	
S 235 IRS2	5 37 48.9	+35 48 34	8.7	15 J	9 S	810604	810603
"	"	"	8.9	14 J	9 S	"	"
"	"	"	9.5	13 J	9 S	"	"
"	"	"	10	15 J	9 S	"	"
"	"	"	10.1	17 J	9 S	"	"
"	"	"	10.5	7.4 J	9 S	"	"
"	"	"	11.1	16 J	9 S	"	"
"	"	"	11.2	18 J	9 S	"	"
"	"	"	12.5	23 J	9 S	"	"
"	"	"	12.8	18 J	9 S	"	"
"	"	"	19.8	28 J	9 S	"	"
"	"	"	20	38 JV	9 S	"	"
"	"	"	25	40 J	9 S	"	"
"	"	"	30	260 JU	–	"	"
"	"	"	50	165 J	–	"	"
"	"	"	100	216 J	–	"	"
"	"	"	200	550 JU	–	"	"
ALF COL	5 37 50.2	−34 05 57	8.7	2.21 M	11 S	740807	CSI 79
"	"	"	10	1.85 M	11 S	"	"
"	"	"	11.4	2.10 M	11 S	"	"
FIRSSE 102	5 37 55	− 3 23 48	20	13 J	10 M	830201	
"	"	"	93	85 J	10 M	"	
FIRSSE 101	5 37 55	− 7 30 24	20	79 J	10 M	"	
"	"	"	27	131 J	10 M	"	
"	"	"	93	121 J	10 M	"	
AFGL 799	5 37 56	+13 45 42	8.5	0.1 M	8.5 S	800213	AFGL
"	"	"	10.55	−0.3 M	8.5 S	"	"
"	"	"	11.0	−1.2 M	10 M	760913	
"	"	"	12.52	−0.2 M	8.5 S	800213	AFGL
AFGL 799.1	–	–	8.6	−0.8 M	26 S	"	ED
"	–	–	10.7	−2.3 M	26 S	"	"
"	–	–	12.2	−2.4 M	26 S	"	"
FIRSSE 103	5 37 58	− 1 59 18	20	34 J	10 M	830201	

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
"	h m s	° ′ ″	93	682 J	10 M	"	
ZET ORI	5 38 13.9	− 1 58 00	8.6	2.25 M	11 S	770504	CSI 79
"	"	"	8.7	2.21 M	11 S	740807	"
"	"	"	10	2.22 M	11 S	"	"
"	"	"	10	2.30 M	11 S	770504	"
"	"	"	10.7	0 MU	−	730303	"
"	"	"	11.3	2.42 M	11 S	770504	"
"	"	"	11.4	2.18 M	11 S	740807	"
"	"	"	12.6	1.98 M	11 S	"	"
FIRSSE 104	5 38 16	+35 48 48	20	44 J	10 M	830201	
"	"	"	27	290 J	10 M	"	
"	"	"	93	480 J	10 M	"	
AFGL 801	5 38 19	+12 16 06	11.0	−1.0 M	10 M	760913	
AFGL 4055	5 38 27	−69 12 36	11.0	−1.9 M	10 M	"	
"	"	"	19.8	−5.2 M	10 M	"	
"	"	"	27.4	−6.5 M	10 M	"	
30 DOR #1	5 38 32	−69 07 35	30	100 J	1 M	780801	
"	"	"	50	50 J	1 M	"	
"	"	"	100	60 J	1 M	"	
30 DOR #2	5 38 42	−69 06 35	30	−80 J	1 M	"	
"	"	"	50	60 J	1 M	"	
"	"	"	100	70 J	1 M	"	
30 DOR #3	5 38 42	−69 07 35	30	40 J	1 M	"	
"	"	"	50	30 J	1 M	"	
"	"	"	100	10 J	1 M	"	
30 DOR #4	5 38 42	−69 08 35	30	−210 J	1 M	"	
"	"	"	50	20 J	1 M	"	
"	"	"	100	10 J	1 M	"	
30 DOR #5	5 38 42	−69 09 35	30	390 J	1 M	"	
"	"	"	50	110 J	1 M	"	
"	"	"	100	110 J	1 M	"	
3C 147	5 38 43.6	+49 49 43	1670	10.5 JU	1 M	761201	769906
30 DOR #6	5 38 48	−69 06 05	30	310 J	1 M	780801	
"	"	"	50	100 J	1 M	"	
"	"	"	100	130 J	1 M	"	
30 DOR #7	5 38 48	−69 07 05	30	80 J	1 M	"	
"	"	"	50	150 J	1 M	"	
"	"	"	100	190 J	1 M	"	
30 DOR #8	5 38 48	−69 07 35	30	−40 J	1 M	"	
"	"	"	50	220 J	1 M	"	
"	"	"	100	220 J	1 M	"	
30 DOR #9	5 38 48	−69 08 05	30	190 J	1 M	"	
"	"	"	50	120 J	1 M	"	
"	"	"	100	150 J	1 M	"	
30 DOR #10	5 38 48	−69 08 35	30	0 J	1 M	"	
"	"	"	50	170 J	1 M	"	
"	"	"	100	120 J	1 M	"	
V614 ORI	5 38 51.2	+ 9 06 50	10	4.9 MU	11 S	741108	829902
30 DOR #11	5 38 54	−69 06 35	30	170 J	1 M	780801	
"	"	"	50	280 J	1 M	"	
"	"	"	100	300 J	1 M	"	
30 DOR #12	5 38 54	−69 07 05	30	−140 J	1 M	"	
"	"	"	50	340 J	1 M	"	
"	"	"	100	320 J	1 M	"	
30 DOR #13	5 38 54	−69 07 35	30	570 J	1 M	"	
"	"	"	50	560 J	1 M	"	
"	"	"	100	520 J	1 M	"	
30 DOR #14	5 38 54	−69 08 05	30	490 J	1 M	"	
"	"	"	50	550 J	1 M	"	
"	"	"	100	520 J	1 M	"	
30 DOR #15	5 38 54	−69 08 35	30	230 J	1 M	"	
"	"	"	50	290 J	1 M	"	
"	"	"	100	270 J	1 M	"	
30 DOR #16	5 38 54	−69 09 35	30	60 J	1 M	"	
"	"	"	50	120 J	1 M	"	
"	"	"	100	150 J	1 M	"	
30 DOR #17	5 38 54	−69 10 05	30	40 J	1 M	"	
"	"	"	50	90 J	1 M	"	
"	"	"	100	110 J	1 M	"	
HD37903 160W	5 38 56.6	− 2 16 58	50	77 J	8 S	800205	ED
"	"	"	100	34 J	8 S	"	"
30 DOR #18	5 38 59	−69 05 05	30	−200 J	1 M	780801	
"	"	"	50	120 J	1 M	"	
"	"	"	100	130 J	1 M	"	
30 DOR #19	5 38 59	−69 05 35	30	100 J	1 M	"	
"	"	"	50	130 J	1 M	"	
"	"	"	100	170 J	1 M	"	
30 DOR #20	5 38 59	−69 06 05	30	230 J	1 M	"	
"	"	"	50	250 J	1 M	"	
"	"	"	100	280 J	1 M	"	
30 DOR #21	5 38 59	−69 06 35	30	400 J	1 M	"	
"	"	"	50	290 J	1 M	"	
"	"	"	100	290 J	1 M	"	
30 DOR #22	5 38 59	−69 07 05	30	390 J	1 M	"	
"	"	"	50	390 J	1 M	"	
"	"	"	100	330 J	1 M	"	
30 DOR #23	5 38 59	−69 07 35	30	180 J	1 M	"	
"	"	"	50	370 J	1 M	"	
"	"	"	100	290 J	1 M	"	
30 DOR #24	5 38 59	−69 08 05	30	310 J	1 M	"	
"	"	"	50	440 J	1 M	"	
"	"	"	100	380 J	1 M	"	
30 DOR #25	5 38 59	−69 08 35	30	170 J	1 M	"	
"	"	"	50	240 J	1 M	"	
"	"	"	100	170 J	1 M	"	
HD37903 120W	5 38 59.3	− 2 16 58	50	14 J	8 S	800205	
"	"	"	100	143 J	8 S	"	
FJM 2	5 39	− 1 55	100	2.5E5 X	4.5 M	720902	
NGC 2024	"	"	100	2.5E5 X	7.5 S	720304	
UCL 2	5 39 00	− 1 55 00	100	3.2E5 W	−	730901	ED
FIRSSE 105	5 39 01	− 2 18 24	20	176 J	10 M	830201	
"	"	"	93	2800 J	10 M	"	
DL ORI	5 39 01	− 8 07 23	10	3.6 M	11 S	741108	GCVS
SAN 5	"	"	10	4.5 MU	11 S	741009	729902
HD37903 80"W	5 39 02.0	− 2 16 58	50	165 J	8 S	800205	ED
"	"	"	100	153 J	8 S	"	"
HD37903 60"W	5 39 03.3	− 2 16 58	40	19 J	8 S	"	ED
"	"	"	50	105 J	8 S	"	"
"	"	"	100	161 J	8 S	"	"
"	"	"	160	114 J	8 S	"	"
AFGL 805	5 39 04	+32 00 24	11.0	−1.9 M	10 M	760913	
30 DOR #26	5 39 04	−69 03 35	30	10 J	1 M	780801	
"	"	"	50	0 J	1 M	"	
"	"	"	100	20 J	1 M	"	
30 DOR #27	5 39 04	−69 04 35	30	30 J	1 M	"	
"	"	"	50	40 J	1 M	"	
"	"	"	100	130 J	1 M	"	
30 DOR #28	5 39 04	−69 05 05	30	360 J	1 M	"	

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS R
"	h m s	° ′ ″	50	280 J	1 M	"	
"	"	"	100	370 J	1 M	"	
30 DOR #29	5 39 04	−69 05 35	30	210 J	1 M	"	
"	"	"	50	410 J	1 M	"	
"	"	"	100	460 J	1 M	"	
30 DOR #30	5 39 04	−69 06 05	30	70 J	1 M	"	
"	"	"	50	390 J	1 M	"	
"	"	"	100	390 J	1 M	"	
30 DOR #31	5 39 04	−69 06 35	30	330 J	1 M	"	
"	"	"	50	400 J	1 M	"	
"	"	"	100	320 J	1 M	"	
30 DOR #32	5 39 04	−69 07 05	30	−10 J	1 M	"	
"	"	"	50	250 J	1 M	"	
"	"	"	100	210 J	1 M	"	
30 DOR #33	5 39 04	−69 07 35	30	230 J	1 M	"	
"	"	"	50	200 J	1 M	"	
"	"	"	100	210 J	1 M	"	
30 DOR #34	5 39 04	−69 08 35	30	−110 J	1 M	"	
"	"	"	50	140 J	1 M	"	
"	"	"	100	110 J	1 M	"	
30 DOR #36	5 39 04	−69 10 35	30	−30 J	1 M	"	
"	"	"	50	−90 J	1 M	"	
"	"	"	100	−150 J	1 M	"	
30 DOR #35	5 39 04	−69 19 35	30	40 J	1 M	"	
"	"	"	50	10 J	1 M	"	
"	"	"	100	−30 J	1 M	"	
HD37903 40"W	5 39 04.6	− 2 16 58	50	72 J	8 S	800205	E
"	"	"	100	190 J	8 S	"	"
AFGL 806	5 39 06	− 2 17 00	10.6	3.8 M	8.5 S	800213	AFG
"	"	"	11.0	−1.9 M	10 M	760913	
"	"	"	19.8	−3.1 M	10 M	"	
NGC 2024 #1	5 39 06.3	− 1 56 10	8.4	3.1 M	−	741007	
"	"	"	10.2	2.1 M	−	"	
"	"	"	11.2	1.8 M	−	"	
"	"	"	12.6	1.4 M	−	"	
NGC 2024	"	"	153	200 XU	7 M	820603	7410
NGC 2023	5 39 07	− 2 17 42	100	25000 W	5 M	750805	
HD37903 200N	5 39 07.3	− 2 13 38	50	−13 J	8 S	800205	E
"	"	"	100	37 J	8 S	"	"
HD37903 160N	5 39 07.3	− 2 14 18	50	38 J	8 S	"	E
"	"	"	100	79 J	8 S	"	"
HD37903 120N	5 39 07.3	− 2 14 58	50	37 J	8 S	"	E
"	"	"	100	103 J	8 S	"	"
HD37903 80"N	5 39 07.3	− 2 15 38	50	75 J	8 S	"	E
"	"	"	100	98 J	8 S	"	"
HD37903 60"N	5 39 07.3	− 2 15 58	40	−23 J	8 S	"	E
"	"	"	50	34 J	8 S	"	"
"	"	"	100	72 J	8 S	"	"
"	"	"	160	26 J	8 S	"	"
HD37903 40"N	5 39 07.3	− 2 16 18	50	105 J	8 S	"	E
"	"	"	100	169 J	8 S	"	"
HD 37903	5 39 07.3	− 2 16 58	10	0.085 J	8 S	"	
"	"	"	40	152 J	8 S	"	
"	"	"	50	249 J	8 S	"	
"	"	"	100	258 J	8 S	"	
"	"	"	160	156 J	8 S	"	
HD37903 40"S	5 39 07.3	− 2 17 38	50	223 J	8 S	"	E
"	"	"	100	279 J	8 S	"	"
HD37903 60"S	5 39 07.3	− 2 17 58	40	50 J	8 S	"	E
"	"	"	50	96 J	8 S	"	"
"	"	"	100	225 J	8 S	"	"
"	"	"	160	240 J	8 S	"	"
HD37903 80"S	5 39 07.3	− 2 18 18	50	77 J	8 S	"	E
"	"	"	100	225 J	8 S	"	"
HD37903 120S	5 39 07.3	− 2 18 58	50	3 J	8 S	"	E
"	"	"	100	97 J	8 S	"	"
HD37903 160S	5 39 07.3	− 2 19 38	50	35 J	8 S	"	E
"	"	"	100	39 J	8 S	"	"
NGC 2024	5 39 08	− 1 55 03	400	4.2E5 X	8.4 M	710404	
30 DOR #37	5 39 09	−69 05 35	30	−80 J	1 M	780801	
"	"	"	50	−310 J	1 M	"	
"	"	"	100	390 J	1 M	"	
30 DOR #38	5 39 09	−69 06 05	30	270 J	1 M	"	
"	"	"	50	550 J	1 M	"	
"	"	"	100	600 J	1 M	"	
30 DOR #39	5 39 09	−69 06 35	30	310 J	1 M	"	
"	"	"	50	540 J	1 M	"	
"	"	"	100	490 J	1 M	"	
30 DOR #40	5 39 09	−69 07 05	30	−10 J	1 M	"	
"	"	"	50	180 J	1 M	"	
"	"	"	100	140 J	1 M	"	
30 DOR #41	5 39 09	−69 08 05	30	−150 J	1 M	"	
"	"	"	50	−20 J	1 M	"	
"	"	"	100	−50 J	1 M	"	
HD37903 40"E	5 39 10.0	− 2 16 58	50	200 J	8 S	800205	
"	"	"	100	195 J	8 S	"	
HD37903 60"E	5 39 11.3	− 2 16 58	40	49 J	8 S	"	
"	"	"	50	131 J	8 S	"	
"	"	"	100	129 J	8 S	"	
"	"	"	160	92 J	8 S	"	
NGC 2024	5 39 12	− 1 55 42	610	S	2.5 M	800602	
AFGL 807	5 39 12	− 1 56 54	11.0	−3.5 M	10 M	760913	
"	"	"	19.8	−6.3 M	10 M	"	
AFGL 807.1	−	−	8.6	3.0 M	8.5 S	800213	E
"	−	−	11.3	1.7 M	8.5 S	"	"
HD37903 80"E	5 39 12.6	− 2 16 58	50	37 J	8 S	800205	
"	"	"	100	43 J	8 S	"	
NGC 2024	5 39 13	− 1 55 48	1230	22.6 JU	−	760601	
FIRSSE 106	5 39 14	− 1 56 36	20	7148 J	10 M	830201	
"	"	"	27	14453 J	10 M	"	
"	"	"	40	17000 J	10 M	"	
"	"	"	93	5361 JL	10 M	"	
NGC 2024	5 39 14	− 1 57 00	400	1530 J	1.6 M	760509	E
30 DOR #42	5 39 14	−69 05 05	30	−180 J	1 M	780801	
"	"	"	50	30 J	1 M	"	
"	"	"	100	100 J	1 M	"	
30 DOR #43	5 39 14	−69 05 35	30	300 J	1 M	"	
"	"	"	50	300 J	1 M	"	
"	"	"	100	390 J	1 M	"	
30 DOR #44	5 39 14	−69 06 05	30	370 J	1 M	"	
"	"	"	50	430 J	1 M	"	
"	"	"	100	530 J	1 M	"	
30 DOR #45	5 39 14	−69 06 35	30	210 J	1 M	"	
"	"	"	50	400 J	1 M	"	
"	"	"	100	400 J	1 M	"	
30 DOR #46	5 39 14	−69 07 05	30	220 J	1 M	"	
"	"	"	50	220 J	1 M	"	
"	"	"	100	230 J	1 M	"	

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
30 DOR #47	5 39 14	−69 07 35	30	140 J	1 M	"	
"	"	"	50	0 J	1 M	"	
"	"	"	100	30 J	1 M	"	
30 DOR #48	5 39 14	−69 08 35	30	−140 J	1 M	"	
"	"	"	50	−70 J	1 M	"	
"	"	"	100	−90 J	1 M	"	
NGC 2024 #2	5 39 14.3	− 1 55 59	8.4	0.80 M	-	741007	
"	"	"	10.2	1.62 M	-	"	
"	"	"	11.2	1.06 M	-	"	
"	"	"	12.6	0.54 M	-	"	
RNO 54	5 39 18	+22 36	8.6	3.48 M	-	800101	
"	"	"	10	3.02 M	-	"	
"	"	"	10.3	2.96 M	-	"	
"	"	"	11.3	2.70 M	-	"	
"	"	"	12.8	2.30 M	-	"	
"	"	"	18	−0.25 M	-	"	
NGC 2024	5 39 19	− 1 55 42	68	76000 J	5 M	740908	
"	"	"	93	88000 J	8.4 M	"	
"	"	"	100	55000 J	5 M	"	
"	"	"	167	34000 J	5 M	"	
30 DOR #49	5 39 19	−69 05 35	30	−180 J	1 M	780801	
"	"	"	50	170 J	1 M	"	
"	"	"	100	260 J	1 M	"	
30 DOR #50	5 39 19	−69 06 05	30	200 J	1 M	"	
"	"	"	50	210 J	1 M	"	
"	"	"	100	300 J	1 M	"	
30 DOR #51	5 39 19	−69 06 35	30	80 J	1 M	"	
"	"	"	50	190 J	1 M	"	
"	"	"	100	240 J	1 M	"	
30 DOR #52	5 39 19	−69 07 05	30	480 J	1 M	"	
"	"	"	50	220 J	1 M	"	
"	"	"	100	220 J	1 M	"	
NGC 2024 #2	5 39 20	− 1 51 52	388	2600 J	1.6 M	740703	ED
"	"	"	408	2200 J	1.6 M	"	"
"	"	"	444	1900 J	1.6 M	"	"
NGC 2022	5 39 20.0	+ 9 03 54	10	4.6 MU	11 S	741009	739909
NGC 2024 #1	5 39 24	− 1 51 52	388	2200 J	1.6 M	740703	ED
"	"	"	408	1900 J	1.6 M	"	"
"	"	"	444	1600 J	1.6 M	"	"
30 DOR #53	5 39 24	−69 05 05	30	−90 J	1 M	780801	
"	"	"	50	60 J	1 M	"	
"	"	"	100	90 J	1 M	"	
30 DOR #54	5 39 24	−69 06 05	30	30 J	1 M	"	
"	"	"	50	140 J	1 M	"	
"	"	"	100	210 J	1 M	"	
30 DOR #55	5 39 24	−69 07 05	30	−460 J	1 M	"	
"	"	"	50	10 J	1 M	"	
"	"	"	100	30 J	1 M	"	
30 DOR #56	5 39 24	−69 07 35	30	−20 J	1 M	"	
"	"	"	50	10 J	1 M	"	
"	"	"	100	30 J	1 M	"	
NGC 2024	5 39 26	− 1 51	17	S	2.7 M	790810	
"	"	"	18.7	310 X	2.7 M	"	
"	"	"	21	−5.27 M	1 M	721005	RNGC
"	"	"	34	3000 JU	25 S	730805	"
"	"	"	39	8200 J	50 S	780502	"
"	"	"	57	10000 J	50 S	"	"
"	"	"	63	600 X	8 M	800902	"
"	"	"	76	9700 J	50 S	780502	"
"	"	"	140	4900 J	50 S	"	"
"	"	"	152	S	8 M	800902	"
"	"	"	350	500 JU	1 M	721003	"
HARO 7-2	5 39 26	− 8 02 19	10	4.2 M	11 S	741108	729902
"	"	"	18	1.0 MU	11 S	"	"
30 DOR #57	5 39 29	−69 06 05	30	170 J	1 M	780801	
"	"	"	50	30 J	1 M	"	
"	"	"	100	50 J	1 M	"	
30 DOR #58	5 39 34	−69 07 35	30	−240 J	1 M	"	
"	"	"	50	−60 J	1 M	"	
"	"	"	100	−110 J	1 M	"	
AFGL 4439S	5 39 37	+21 58 24	11.0	−1.0 M	10 M	770706	
AFGL 4056	5 39 57	−69 45 42	11.0	−1.8 M	10 M	760913	
"	"	"	19.8	−3.3 M	10 M	"	
"	"	"	27.4	−7.1 M	10 M	"	
ERL 809	5 40 33.3	+32 40 49	8.4	270 J	12 S	780106	
"	"	"	11.0	260 J	12 S	"	
AFGL 809	5 40 33.3	+32 40 58	8.4	−1.50 M	17 S	790401	
"	"	"	11.2	−2.10 M	17 S	"	
"	5 40 36	+32 41 06	8.4	−1.6 MV	17 S	800213	AFGL
ERL 809	"	"	8.4	−1.5 C	18 S	761210	"
AFGL 809	"	"	8.6	−1.1 M	26 S	800213	"
"	"	"	10.7	−1.3 M	26 S	"	"
"	"	"	11.0	−2.4 M	10 M	760913	
"	"	"	11.2	−2.1 MV	17 S	800213	AFGL
ERL 809	"	"	11.2	−2.1 C	18 S	761210	"
AFGL 809	"	"	12.2	−1.7 M	26 S	800213	"
"	"	"	12.5	−2.3 MV	17 S	"	"
ERL 809	"	"	12.5	−2.0 C	18 S	761210	"
AFGL 809	"	"	18	−1.9 M	26 S	800213	"
"	"	"	19.8	−3.8 M	10 M	760913	
V625 ORI	5 40 36.5	+ 9 04 55	10	5.6 M	11 S	741108	829902
IRSSE 107	5 40 38	+32 41 18	20	183 J	10 M	830201	
"	"	"	27	130 J	10 M	"	
"	"	"	93	21 J	10 M	"	
AFGL 810S	5 40 45	−23 47 36	19.8	−3.0 M	10 M	770706	
IRSSE 108	5 40 59	+30 55 00	93	46 J	10 M	830201	
AFGL 811	5 41 11	+69 58 06	8.6	−1.8 MV	26 S	800213	AFGL
"	"	"	10.7	−2.6 MV	26 S	"	"
"	"	"	11.0	−2.9 M	10 M	760913	
"	"	"	12.2	−2.5 MV	26 S	800213	AFGL
"	"	"	18	−3.5 MV	26 S	"	"
"	"	"	19.8	−3.9 M	10 M	760913	
IRC+70066	5 41 16	+69 56 54	8.6	−1.9 M	-	740705	IRC
"	"	"	10.7	−2.7 M	-	"	"
"	"	"	12.2	−2.6 M	-	"	"
"	"	"	18	−3.2 M	-	"	"
IRSSE 109	5 41 24	−71 18 48	20	20 J	10 M	830201	
"	"	"	93	425 J	10 M	"	
HD 38238	5 41 44.7	+ 0 07 27	5	5.3 M	-	750301	CSI 79
"	"	"	8.4	3.97 M	-	"	"
"	"	"	11.2	3.76 M	-	"	"
"	"	"	12.6	3.55 M	-	"	"
35	5 41 56.7	+ 9 10 00	140	39 JU	2 M	811208	
AFGL 812	5 42 09.7	+24 24 01	8.4	0.30 M	17 S	790401	
"	"	"	11.2	0.06 M	17 S	"	
"	"	"	12.5	0.00 M	17 S	"	
T TAU	5 42 13.3	+13 33 23	8.7	5.33 MU	-	741008	CSI 79
"	"	"	10	5.26 MU	-	"	"
"	"	"	11.4	5.19 MU	-	"	"
HD 38247	5 42 15.2	+18 41 03	8.7	3.11 M	-	741105	CSI 79
"	"	"	10.0	2.98 M	-	"	"
"	"	"	11.4	2.85 M	-	"	"
FU ORI 56"W	5 42 35.1	+ 9 02 57	55.5	10 WU	49 S	820703	ED
"	"	"	181	2 WU	49 S	"	"
"	"	"	207	2.4 W	49 S	"	"
FU ORI SSW	5 42 37.0	+ 9 02 09	55.5	10 WU	49 S	"	ED
"	"	"	181	2 WU	49 S	"	"
"	"	"	207	0.9 WU	49 S	"	"
FU ORI NNW	5 42 37.0	+ 9 03 45	55.5	10 WU	49 S	"	ED
"	"	"	181	2 WU	49 S	"	"
"	"	"	207	0.9 WU	49 S	"	"
FU ORI	5 42 38.9	+ 9 02 57	5.0	3.35 M	-	700302	CSI 79
"	"	"	8	S	-	800509	"
"	"	"	8.5	2.64 M	-	"	"
"	"	"	8.6	2.6 M	11 S	730006	"
"	"	"	9.6	2.05 M	-	800509	"
"	"	"	10	1.8 MV	-	700804	"
"	"	"	10.2	1.80 M	-	700302	"
"	"	"	10.8	1.8 M	11 S	730006	"
"	"	"	11.3	1.55 M	11 S	"	"
"	"	"	11.6	1.66 M	-	800509	"
"	"	"	12.8	1.3 M	11 S	730006	"
"	"	"	18	−0.4 M	11 S	"	"
"	"	"	22	−0.7 M	-	700804	"
"	"	"	22.0	−0.70 M	-	700302	"
"	"	"	40	18 J	-	820410	"
"	"	"	50	12 J	-	"	"
"	"	"	55.5	21 W	49 S	820703	"
"	"	"	100	8 J	-	820410	"
"	"	"	160	13 J	-	"	"
"	"	"	181	12 W	49 S	820703	"
"	"	"	207	6 W	49 S	"	"
Y TAU	5 42 40.4	+20 40 32	8.4	7.33 F	-	761005	CSI 79
"	"	"	8.4	−1.04 CV	-	750104	"
"	"	"	8.4	−1.19 C	-	710203	"
"	"	"	8.6	−1.0 M	-	721103	"
"	"	"	8.6	6.61 F	-	761005	"
"	"	"	10.8	−1.1 M	-	721103	"
"	"	"	10.8	2.96 F	-	761005	"
"	"	"	11	−1.74 CV	-	750104	"
"	"	"	11.0	5.09 F	-	761005	"
"	"	"	11.0	−1.93 C	-	710203	"
"	"	"	12.2	−1.3 M	-	721103	"
"	"	"	12.2	2.40 F	-	761005	"
"	"	"	18.0	−1.6 M	-	721103	"
"	"	"	18.0	0.622 F	-	761005	"
"	"	"	20	−1.78 M	9 S	731104	"
"	"	"	20.0	0.373 F	-	761005	"
FU ORI SSE	5 42 40.8	+ 9 02 09	55.5	10 WU	49 S	820703	ED
"	"	"	181	2 WU	49 S	"	"
"	"	"	207	0.9 WU	49 S	"	"
FU ORI NNE	5 42 40.8	+ 9 03 45	55.5	10 WU	49 S	"	ED
"	"	"	181	2 WU	49 S	"	"
"	"	"	207	0.9 WU	49 S	"	"
FU ORI 56"E	5 42 42.6	+ 9 02 57	55.5	10 WU	49 S	"	ED
"	"	"	181	2 WU	49 S	"	"
"	"	"	207	3.4 W	49 S	"	"
IRC 00085	5 42 57	− 4 15 36	8.6	2.2 MU	-	740705	IRC
"	"	"	10.7	0.5 M	-	"	"
AFGL 4445S	5 43 21	+47 17 54	19.8	−3.2 M	10 M	770706	
H-H 24	5 43 34.5	− 0 11 07	8.4	4.3 M	12 S	740704	
"	"	"	10.2	3.9 M	12 S	"	
"	"	"	11.1	3.6 M	12 S	"	
"	"	"	12.6	3.7 M	12 S	"	
"	"	"	20	0.5 M	12 S	"	
M78 140	5 43 41	− 0 15	10	7.0 MU	-	750301	ED
AFGL 4057	5 43 45	−66 26 54	19.8	−3.7 M	10 M	760913	
"	"	"	27.4	−7.4 M	10 M	"	
M1-5	5 43 46.0	+24 20 59	10	3.7 M	11 S	741009	739909
"	"	"	18	0.55 M	11 S	"	"
IRC 00086	5 43 53	+ 2 17 36	8.6	1.2 M	-	740705	IRC
"	"	"	10.7	−0.4 M	-	"	"
AFGL 813S	5 44 00	+ 2 09 36	8.6	1.2 M	26 S	800213	770706
"	"	"	10.7	−0.4 M	26 S	"	"
FIRSSE 110	5 44 02	+ 0 02 18	20	133 J	10 M	830201	
"	"	"	27	345 J	10 M	"	
"	"	"	40	1021 J	10 M	"	
"	"	"	93	4299 J	10 M	"	
AFGL 815	5 44 03	+43 11 36	8	S	17 S	790401	
"	"	"	8.4	−0.46 MV	17 S	"	
IRC+40140	"	"	8.4	−1.0 CV	-	760610	IRC
"	"	"	8.6	−0.1 M	-	740705	"
"	"	"	10.7	−0.3 M	-	"	"
AFGL 815	"	"	11.2	−0.96 M	17 S	790401	
IRC+40140	"	"	11.2	−1.5 CV	-	760610	IRC
"	"	"	12.2	−1.1 M	-	740705	"
AFGL 815	"	"	12.5	−0.95 M	17 S	790401	
IRC+40140	"	"	12.5	−1.5 CV	-	760610	IRC
"	"	"	18	−1.2 M	-	740705	"
AFGL 4446S	5 44 05	−23 37 54	11.0	−1.3 M	10 M	770706	
AFGL 814S	5 44 06	+ 0 04 24	11.0	−1.7 M	10 M	"	
"	"	"	19.8	−3.2 M	10 M	"	
FIRSSE 111	5 44 06	+30 34 30	93	82 J	10 M	830201	
AFGL 815	5 44 07	+43 11 54	8.4	−0.3 MV	17 S	800213	AFGL
"	"	"	8.6	0.2 M	8.5 S	"	"
"	"	"	8.6	−0.0 MV	26 S	"	"
"	"	"	10.7	−0.2 M	8.5 S	"	"
"	"	"	10.7	−0.4 MV	26 S	"	"
"	"	"	11.2	−0.8 MV	17 S	"	"
"	"	"	12.2	−0.4 M	8.5 S	"	"
"	"	"	12.2	−1.0 MV	26 S	"	"
"	"	"	12.5	−0.8 MV	17 S	"	"
"	"	"	18	−0.6 M	8.5 S	"	"
"	"	"	18	−1.2 M	26 S	"	"
AFGL 818	5 44 29	+ 0 18 06	11.0	−1.1 M	10 M	760913	
"	"	"	19.8	−4.0 M	10 M	"	
NGC 2071	5 44 30	+ 0 16	85	3900 J	4.5 M	811009	ED
"	"	"	150	2150 J	4.5 M	"	"
NGC 2071 IRS	5 44 30.1	+ 0 20 40	5.0	1.43 J	8 S	790508	
"	"	"	8.4	7.5 J	8 S	"	
"	"	"	9.0	7.5 J	8 S	"	
"	"	"	10.4	9.1 J	8 S	"	
"	"	"	12.2	34 J	8 S	"	
"	"	"	20	75 J	8 S	"	
"	5 44 30.2	+ 0 20 42	8.7	7 J	9 S	790114	
"	"	"	9.5	5.5 J	9 S	"	

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
"	h m s	° ′ ″	10.1	15 J	9 s	"	
"	"	"	11.2	15 J	9 s	"	
"	"	"	12.5	34 J	9 s	"	
"	"	"	20	80 J	9 s	"	
NGC 2071 IRS1	5 44 30.6	+ 0 20 42	10	18.9 J	7 s	811207	
NGC 2071 IRS3	5 44 30.6	+ 0 20 48	10	1.4 J	7 s	"	
FIRSSE 112	5 44 31	+ 0 17 36	20	247 J	10 M	830201	
"	"	"	27	485 J	10 M	"	
"	"	"	40	500 J	10 M	"	
"	"	"	93	1723 JL	10 M	"	
NGC 2071 IRS	5 44 31.2	+ 0 20 45	50	890 J	40 s	790508	
"	"	"	80	1620 J	40 s	"	
"	"	"	100	1350 J	40 s	"	
"	"	"	175	950 J	40 s	"	
NGC 2071 IRS2	5 44 31.2	+ 0 20 48	10	2.2 J	7 s	811207	
NGC 2071 IRS4	5 44 31.2	+ 0 20 54	10	0.4 J	7 s	"	
IRC 00087	5 44 41	− 1 02 36	8.6	1.4 MU	−	740705	IRC
"	"	"	10.7	0.0 MU	−	"	"
AFGL 819	5 44 55.5	−12 49 18	8.4	1.35 M	17 s	790401	
"	"	"	11.2	1.13 M	17 s	"	
"	"	"	12.5	1.18 M	17 s	"	
AFGL 4447S	5 45 04	+28 30 18	11.0	−1.8 M	10 M	770706	
"	"	"	19.8	−4.2 M	10 M	"	
KAP ORI	5 45 22.9	− 9 41 07	8.6	2.47 M	11 s	770504	CSI 79
"	"	"	11.3	2.45 M	11 s	"	"
"	"	"	18	0.00 MU	11 s	"	"
SU TAU	5 46 11.9	+19 03 00	5.0	5.07 M	−	700302	CSI 79
"	"	"	10.2	1.35 M	−	"	"
MWC 778	5 47 09	+23 53	8.6	2.9 M	−	740708	MWC
"	"	"	11.3	1.8 M	−	"	"
"	"	"	18	−0.3 M	−	"	"
AFGL 821	5 47 10	+18 27 18	8.6	−0.6 M	26 s	800213	AFGL
"	"	"	10.7	−1.2 M	26 s	"	"
"	"	"	12.2	−1.1 M	26 s	"	"
"	"	"	19.8	−4.9 M	10 M	760913	
AFGL 822	5 47 41	+37 17 54	11.0	−1.0 M	10 M	"	
FIRSSE 114	5 48 00	+27 01 48	93	32 J	10 M	830201	
FIRSSE 113	5 48 03	+25 45 12	27	47 J	10 M	"	
"	"	"	93	818 J	10 M	"	
AFGL 4452S	5 48 09	+65 43 00	19.8	−3.0 M	10 M	770706	
AFGL 826	5 49 05	+63 01 54	11.0	−1.1 M	10 M	760913	
FIRSSE 115	5 49 08	+27 00 12	20	29 J	10 M	830201	
"	"	"	27	73 J	10 M	"	
"	"	"	40	628 J	10 M	"	
"	"	"	93	491 J	10 M	"	
AFGL 829	5 49 11	−35 48 54	11.0	−1.1 M	10 M	760913	
IRC+60160	5 50 09	+64 58 24	8.6	1.0 M	−	740705	IRC
"	"	"	10.7	0.9 M	−	"	"
AFGL 831S	5 50 15	+64 57 00	11.0	−0.2 M	10 M	770706	
AFGL 831	5 50 15	+64 57 06	8.6	0.8 M	26 s	800213	ED
"	"	"	10.7	0.9 M	26 s	"	"
"	"	"	12.2	0.8 M	26 s	"	"
FIRSSE 116	5 50 37	+24 14 18	20	34 J	10 M	830201	
"	"	"	27	70 J	10 M	"	
"	"	"	93	49 J	10 M	"	
AFGL 832	5 50 39	+39 30 54	11.0	−0.2 M	10 M	760913	
"	"	"	19.8	−3.4 M	10 M	"	
LKHA 334	5 51 06	+ 1 37 39	10	5.3 MU	11 s	741108	729902
LKHA 335	5 51 23	+ 1 43 31	10	5.0 MU	11 s	"	729902
AFGL 4453S	5 51 45	+20 14 06	11.0	−1.6 M	10 M	770706	
"	"	"	19.8	−4.0 M	10 M	"	
HD 39680	5 51 54.4	+13 50 46	10	4.45 MU	11 s	770504	CSI 79
LKHA 337	5 52 01	+ 1 28 59	10	4.2 MU	11 s	741108	729902
AFGL 4454S	5 52 17	−47 00 48	19.8	−3.9 M	10 M	770706	
AFGL 835S	5 52 24	+41 29 18	11.0	−1.3 M	10 M	"	
FIRSSE 117	5 52 25	+ 7 23 18	20	2722 J	10 M	830201	
"	"	"	27	1141 J	10 M	"	
"	"	"	40	444 J	10 M	"	
"	"	"	93	243 J	10 M	"	
AFGL 836	5 52 25	+ 7 24 42	8.4	−4.8 M	11 s	800213	AFGL
"	"	"	8.4	−4.7 M	17 s	"	"
"	"	"	11.0	−5.6 M	10 M	760913	
"	"	"	11.2	−5.5 M	11 s	800213	AFGL
"	"	"	11.2	−5.4 M	17 s	"	"
"	"	"	12.5	−5.3 MV	17 s	"	"
"	"	"	19.8	−5.9 M	10 M	760913	
ALF ORI	5 52 27.7	+ 7 23 56	5	D	−	751103	CSI 79
"	"	"	5.0	−4.37 M	−	700302	"
"	"	"	5.0	−4.26 M	−	700502	"
"	"	"	5.0	−4.02 C	−	650002	"
"	"	"	5.0	−3.99 C	−	640501	"
"	"	"	5.00	1200 F	−	700908	"
"	"	"	7	S	10 s	740303	"
"	"	"	7	S	−	690304	"
"	"	"	7	S	−	750210	"
"	"	"	8	200 F	9 s	730014	"
"	"	"	8	200 F	−	730808	"
"	"	"	8.3	−4.8 M	−	770608	"
"	"	"	8.4	−4.70 M	−	730002	"
"	"	"	8.4	−4.78 C	−	710405	"
"	"	"	8.4	−4.79 C	−	710203	"
"	"	"	8.4	−4.76 M	−	710403	"
"	"	"	8.5	−4.8 M	−	700907	"
"	"	"	8.6	−4.7 M	−	730303	"
"	"	"	8.6	−4.75 M	−	720202	"
"	"	"	8.6	−4.8 M	−	721103	"
"	"	"	8.6	−4.7 M	−	721203	"
"	"	"	8.99	170 F	10 s	790812	"
"	"	"	9	155 F	−	690306	"
"	"	"	10	−5.18 M	V	731212	"
"	"	"	10	168 F	5.9 s	640201	"
"	"	"	10	−5.2 M	−	741107	"
"	"	"	10	−4.77 C	−	670801	"
"	"	"	10	P	−	720803	"
"	"	"	10.1	−4.80 M	15 s	681101	"
"	"	"	10.1	−5.0 M	−	691102	"
"	"	"	10.2	−5.05 M	−	700502	"
"	"	"	10.2	−5.25 M	−	700302	"
"	"	"	10.2	−5.6 M	−	770608	"
"	"	"	10.2	−5.05 M	−	730002	"
"	"	"	10.20	130 F	−	700908	"
"	"	"	10.4	−4.67 C	−	650002	"
"	"	"	10.4	−4.61 C	−	640501	"
"	"	"	10.5	150 F	10 s	790812	"
"	"	"	10.7	−5.5 M	−	730303	"
"	"	"	10.7	−5.55 M	−	720202	"
"	"	"	10.8	−5.7 M	−	721103	"
"	"	"	10.8	−5.4 M	−	721203	"
"	"	"	11	D	−	771008	"
"	"	"	11	−5.56 M	−	710403	"
"	"	"	11	−5.3 M	−	730303	"
"	"	"	11.0	−5.52 C	−	710405	"
"	"	"	11.0	−5.51 C	−	710203	"
"	"	"	11.1	−5.6 M	−	770608	"
"	"	"	11.2	−5.41 M	−	730002	"
"	"	"	11.3	−5.5 M	−	721203	"
"	"	"	11.4	−5.5 M	−	700907	"
"	"	"	11.50	95 F	−	700908	"
"	"	"	11.6	D	6 s	811204	"
"	"	"	12.2	−5.5 M	−	721103	"
"	"	"	12.2	−5.5 M	−	730303	"
"	"	"	12.2	−5.50 M	−	720202	"
"	"	"	12.8	84 F	10 s	790812	"
"	"	"	12.8	−5.5 M	−	721203	"
"	"	"	13.00	52 F	−	700908	"
"	"	"	16	S	30 s	791015	"
"	"	"	18	−5.6 M	−	730303	"
"	"	"	18	−5.65 M	−	720202	"
"	"	"	18	−5.6 M	−	721203	"
"	"	"	18.0	−5.7 M	−	721103	"
"	"	"	19.00	28 F	−	700908	"
"	"	"	19.5	−6.0 M	−	691102	"
"	"	"	20	−5.70 M	V	731212	"
"	"	"	20	−5.74 M	9 s	731104	"
"	"	"	20	−5.67 M	10 s	721002	"
"	"	"	20	14.5 F	30 s	791015	"
"	"	"	20	−5.7 M	−	741107	"
"	"	"	20	−5.74 M	−	751002	"
"	"	"	20	−5.79 M	−	821005	"
"	"	"	20	−5.6 M	−	721203	"
"	"	"	21	−5.76 M	1 M	721005	"
"	"	"	22	−5.6 M	−	721203	"
"	"	"	22	−6.05 M	−	700502	"
"	"	"	22.0	−5.76 M	−	700302	"
"	"	"	22.00	15 F	−	700908	"
"	"	"	24.50	9.0 F	−	"	"
"	"	"	25	−5.84 M	−	821005	"
"	"	"	25	−5.75 M	−	751002	"
"	"	"	33	734 J	−	780101	"
"	"	"	33	−5.78 M	−	821005	"
"	"	"	33	−5.92 M	−	751002	"
"	"	"	33.43	1.8 F	26 s	820803	"
"	"	"	34	760 JV	5.7 s	750701	"
"	"	"	34	650 J	8.5 s	"	"
"	"	"	34	740 J	25 s	730805	"
IC 2149	5 52 40.9	+46 05 53	8.6	3.6 MU	−	741009	74990
"	"	"	10	4.1 M	−	"	"
"	"	"	11	2.7 J	11 s	720301	"
"	"	"	11	2.8 M	−	741009	"
"	"	"	11	2.7 J	−	720301	"
"	"	"	18	0.6 M	−	741009	"
U ORI	5 52 50.9	+20 10 05	8.4	−2.25 CV	−	750104	CSI 7
"	"	"	8.4	−2.11 C	−	710203	"
"	"	"	8.4	−1.80 M	−	710403	"
"	"	"	8.4	−2.11 C	−	710405	"
"	"	"	10	−2.7 ME	−	740408	"
"	"	"	10.1	−3.0 C	−	721001	"
"	"	"	11	−2.82 M	−	710403	"
"	"	"	11	−3.05 CV	−	750104	"
"	"	"	11.0	−3.00 C	−	710203	"
"	"	"	11.0	−3.00 C	−	710405	"
"	"	"	19.5	−3.5 C	−	721001	"
"	"	"	20	−3.27 M	−	741002	"
AFGL 837	5 52 57	+20 09 12	8.4	−2.1 M	11 s	800213	AFG
"	"	"	11.2	−3.0 M	11 s	"	"
II ZW 40	5 53 06	+ 3 24	10	0.22 J	6 s	720901	7409
AFGL 839	5 53 21	+45 30 12	11.0	−1.6 M	10 M	760913	
"	"	"	19.8	−3.5 M	10 M	"	
AFGL 841	5 53 34	+35 34 54	11.0	−1.2 M	10 M	"	
IRC+50154	5 53 35	+48 22 36	8.6	0.4 M	−	740705	IR
"	"	"	10.7	−1.1 M	−	"	"
AFGL 842	5 53 43	+48 21 36	8.6	0.4 M	26 s	800213	AFG
"	"	"	10.7	−1.1 M	26 s	"	"
"	"	"	11.0	−1.3 M	10 M	760913	
AFGL 845	5 54 38	+15 45 18	11.0	−1.5 M	10 M	"	
FIRSSE 118	5 55 17	+16 31 12	20	54 J	10 M	830201	
"	"	"	27	115 J	10 M	"	
"	"	"	93	398 J	10 M	"	
FIRSSE 119	5 55 25	+20 13 24	20	30 J	10 M	"	
"	"	"	27	38 J	10 M	"	
"	"	"	93	310 J	10 M	"	
CT TAU	5 55 41.7	+27 04 38	11.0	3.1 MU	11 s	730005	CSI
AFGL 850	5 55 58	+38 24 54	8.4	−0.3 MV	17 s	800213	AFG
"	"	"	8.6	−0.3 MV	26 s	"	"
"	"	"	10.7	−1.2 MV	26 s	"	"
"	"	"	11.0	−1.7 M	10 M	760913	
"	"	"	11.2	−1.4 MV	17 s	800213	AFG
"	"	"	12.2	−1.4 MV	26 s	"	"
"	"	"	12.5	−1.3 MV	17 s	"	"
"	"	"	18	−1.8 MV	26 s	"	"
IRC+40149	5 55 58	+38 26 12	8.4	−0.2 CV	−	760610	IF
"	"	"	8.6	−0.2 M	−	740705	"
"	"	"	10.7	−1.2 M	−	"	"
"	"	"	11.2	−1.3 CV	−	760610	"
"	"	"	12.2	−1.3 M	−	740705	"
"	"	"	12.5	−1.2 CV	−	760610	"
"	"	"	18	−2.0 M	−	740705	"
AFGL 849	5 55 59	+74 32 00	11.0	−1.7 M	10 M	760913	
"	"	"	19.8	−2.6 M	10 M	"	
AFGL 851	5 56 13	+45 56 36	11.0	−1.7 M	10 M	"	
AFGL 4457S	5 56 28	− 1 06 42	11.0	−1.3 M	10 M	770706	
FIRSSE 120	5 57 16	+31 56 24	20	45 J	10 M	830201	
"	"	"	93	41 J	10 M	"	
AFGL 853	5 57 39	+39 38 48	19.8	−3.9 M	10 M	760913	
AFGL 856	5 58 53	+10 54 48	8.4	0.37 M	17 s	790401	
"	"	"	11.2	−0.06 M	17 s	"	
"	"	"	12.5	−0.26 M	17 s	"	
HD 250550	5 59 06.3	+16 30 58	5.0	4.76 M	−	700302	CSI
"	"	"	8.4	3.0 M	11 s	730006	"
"	"	"	10.2	2.63 M	−	700302	"
"	"	"	11.0	3.1 M	11 s	730006	"
"	"	"	18	0.4 M	11 s	741108	"
"	"	"	22.0	0.02 M	−	700302	"
AFGL 858	5 59 11	− 2 19 48	11.0	−1.1 M	10 M	760913	
"	5 59 16	− 2 21 12	8.4	−0.81 M	17 s	790401	
"	"	"	11.2	−1.65 M	17 s	"	

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
"	h m s	° ′ ″	12.5	−1.59 M	17 s	"	
AFGL 859S	5 59 21	+ 1 51 00	11.0	−1.2 M	10 M	770706	
AFGL 862	5 59 47.3	+50 36 53	8.4	2.03 M	17 s	790401	
"	"	"	11.2	1.99 M	17 s	"	
"	"	"	12.5	1.91 M	17 s	"	
AFGL 4467S	6 00 08	−50 41 54	19.8	−4.0 M	10 M	770706	
FIRSSE 121	6 00 26	+75 43 36	93	49 J	10 M	830201	
FIRSSE 122	6 00 46	+30 15 18	20	38 J	10 M	"	
"	"	"	27	54 J	10 M	"	
"	"	"	93	499 J	10 M	"	
CHI 2 ORI	6 00 56.9	+20 08 27	8.7	3.47 M	11 s	740807	CSI 79
"	"	"	10	3.38 M	11 s	"	"
"	"	"	10	3.45 M	11 s	770504	"
"	"	"	11.4	3.49 M	11 s	740807	"
AFGL 864	6 01 06	+28 28 06	8.6	0.7 M	26 s	800213	AFGL
"	"	"	10.7	−0.7 M	26 s	"	"
"	"	"	11.0	−0.2 M	10 M	760913	"
IRC+30136	6 01 08	+28 29 24	8.6	0.7 M	-	740705	IRC
"	"	"	10.7	−0.7 M	-	"	"
FIRSSE 123	6 01 15	+30 29 48	20	75 J	10 M	830201	
"	"	"	27	65 J	10 M	"	
"	"	"	93	426 J	10 M	"	
CRL 865	6 01 17.5	+ 7 26 03	5.0	126 J	-	760604	
"	"	"	8.8	310 J	-	"	
"	"	"	10.6	330 J	-	"	
"	"	"	10.6	230 J	-	"	
"	"	"	10.8	280 J	-	"	
"	"	"	11.6	230 J	-	"	
"	"	"	12.6	160 J	-	"	
AFGL 865	6 01 18	+ 7 25 24	8.4	−1.5 MV	17 s	800213	AFGL
CRL 865	"	"	8.4	−1.9 C	18 s	761210	"
AFGL 865	"	"	8.6	−2.0 MV	8.5 s	800213	"
"	"	"	8.6	−2.2 M	26 s	"	"
"	"	"	10.7	−2.3 MV	8.5 s	"	"
"	"	"	10.7	−2.5 M	26 s	"	"
"	"	"	11.0	−2.4 M	10 M	760913	
"	"	"	11.2	−2.1 MV	17 s	800213	AFGL
CRL 865	"	"	11.2	−2.6 C	18 s	761210	"
AFGL 865	"	"	12.2	−2.6 MV	8.5 s	800213	"
"	"	"	12.2	−2.9 M	26 s	"	"
"	"	"	12.5	−2.3 MV	17 s	"	"
CRL 865	"	"	12.5	−2.5 C	18 s	761210	"
AFGL 865	"	"	18	−3.4 MV	8.5 s	800213	"
"	"	"	18	−3.2 M	26 s	"	"
"	"	"	19.8	−3.2 M	10 M	760913	
FIRSSE 124	6 01 18	− 9 40 54	20	16 J	10 M	830201	
"	"	"	93	328 J	10 M	"	
AFGL 4470S	6 01 21	+75 44 06	11.0	−0.8 M	10 M	770706	
AFGL 4469S	6 01 21	− 3 56 30	11.0	−1.0 M	10 M	"	
AFGL 4471S	6 01 49	+47 54 30	19.8	−4.0 M	10 M	"	
AFGL 870	6 02 41	−16 28 36	8.6	−0.6 M	26 s	800213	AFGL
"	"	"	8.6	−0.3 M	-	"	"
"	"	"	10.7	−1.2 M	26 s	"	"
"	"	"	10.7	−1.5 M	-	"	"
"	"	"	11.0	−1.5 M	10 M	760913	
"	"	"	12.2	−1.2 M	26 s	800213	AFGL
"	"	"	12.2	−1.3 M	-	"	"
"	"	"	18	−2.7 M	-	"	"
17 LEP	6 02 45.1	−16 28 45	5.0	0.40 M	-	700302	CSI 79
HD 41511	"	"	8.7	−1.02 M	-	780704	"
"	"	"	10	−1.16 M	-	"	"
17 LEP	"	"	10.2	−1.37 M	-	700302	"
HD 41511	"	"	11.4	−1.49 M	-	780704	"
17 LEP	"	"	20	−2.23 M	-	741002	"
"	"	"	22.0	−2.27 M	-	700302	"
PARSAMYAN 5	6 03 37.0	−15 39 01	10	4.5 M	11 s	741017	
"	"	"	18	0.8 MU	11 s	"	
S LEP	6 03 41.7	−24 11 22	20	−3.03 M	-	741002	CSI 79
AFGL 872	6 03 43	−24 11 30	11.0	−2.2 M	10 M	760913	
"	"	"	19.8	−3.1 M	10 M	"	
AFGL 873	6 03 53	− 5 42 48	8	S	17 s	790401	
"	"	"	8.4	0.75 M	17 s	"	
"	"	"	11.2	−0.15 M	17 s	"	
"	"	"	12.5	−0.29 M	17 s	"	
"	6 03 55	− 5 43 18	8.6	0.2 M	26 s	800213	AFGL
"	"	"	10.7	−0.6 M	26 s	"	"
"	"	"	11.0	−0.8 M	10 M	760913	
MWC 790	6 04 12	+30 11	8.6	3.5 M	-	740708	MWC
"	"	"	11.3	2.9 M	-	"	"
FIRSSE 125	6 04 15	+21 14 54	93	76 J	10 M	830201	
B227	6 04 31	+19 28 30	235	26 W	1.7 M	810408	
AFGL 874	6 04 50	−21 48 00	19.8	−3.2 M	10 M	760913	
LKHA 208	6 04 53.2	+18 39 55	5.0	−0.06 M	-	700302	729902
"	"	"	8	S	-	800509	"
"	"	"	8.4	3.4 M	11 s	730006	"
"	"	"	8.4	3.6 M	-	710202	"
"	"	"	8.5	3.61 M	-	800509	"
"	"	"	9.6	2.76 M	-	"	"
"	"	"	11.0	2.3 M	11 s	730006	"
"	"	"	11.0	2.6 M	-	710202	"
"	"	"	11.6	2.61 M	-	800509	"
"	"	"	18	0.7 M	11 s	730006	"
"	"	"	50	5 JU	-	820410	"
"	"	"	100	3 J	-	"	"
LKHA 209	6 05 12.1	+18 38 57	10	4.7 MU	11 s	741108	729902
FIRSSE 126	6 05 18	− 6 22 36	20	2275 J	10 M	830201	
"	"	"	27	5866 J	10 M	"	
"	"	"	40	12976 J	10 M	"	
"	"	"	93	18825 JL	10 M	"	
MON R2 IRS4	6 05 18.5	− 6 22 56	10	4.3 J	5 s	820102	
"	"	"	20	17 J	5 s	"	
"	6 05 18.8	− 6 22 57	10	0.013 B	9 s	760905	ED
"	"	"	20	0.10 B	9 s	"	"
MON R2	6 05 19	− 6 22 17	38	12000 J	50 s	780502	
"	"	"	57	13000 J	50 s	"	
"	"	"	78	13000 J	50 s	"	
"	"	"	140	7200 J	50 s	"	
"	"	"	390	660 J	1.3 M	"	
"	"	"	400	650 J	1.6 M	760509	780502
AFGL 877	6 05 19	− 6 23 18	11.0	−2.7 M	10 M	760913	
"	"	"	19.8	−6.1 M	10 M	"	
MON R2 IRS5	6 05 19.2	− 6 22 11	10	4.5 J	5 s	820102	
"	"	"	20	44 J	5 s	"	
MON R2 IRS2	6 05 19.4	− 6 22 24	10	44 J	5 s	"	
"	"	"	20	42 J	5 s	"	
MON R2 IRS5	6 05 19.5	− 6 22 10	10	0.040 B	9 s	760905	ED
MON R2 IRS2	6 05 19.5	− 6 22 24	10	0.27 B	9 s	"	ED
"	"	"	20	0.40 B	9 s	"	"

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
MON R2 IRS1	h m s 6 05 19.8	° ′ ″ − 6 22 38	10	16 J	5 s	820102	
"	"	"	20	240 J	5 s	"	
MON R2	6 05 20	− 6 22	85	26000 J	4.5 M	811009	ED
"	"	"	150	11200 J	4.5 M	"	"
NGC 2170 IRS1	6 05 20.0	− 6 22 38	6	S	27 s	821101	ED
"	"	"	6.99	14 X	27 s	"	"
"	"	"	8	S	7 s	"	"
"	"	"	8.99	2.0 XU	7 s	"	"
MON R2 IRS1	"	"	10	0.13 B	9 s	760905	"
NGC 2170 IRS1	"	"	10.51	0.75 XU	7 s	821101	"
"	"	"	12.81	23.0 X	7 s	"	"
"	"	"	16	S	30 s	"	"
"	"	"	18.7	14 X	30 s	"	"
MON R2 IRS1	"	"	20	0.80 B	9 s	760905	"
"	6 05 20.0	− 6 22 40	30	3500 J	30 s	800405	ED
"	"	"	30	12000 J	1 M	"	"
"	"	"	50	3600 J	30 s	"	"
"	"	"	50	10000 J	1 M	"	"
"	"	"	100	2700 J	30 s	"	"
"	"	"	100	7700 J	1 M	"	"
"	"	"	200	3300 J	1 M	"	"
"	"	"	1000	22000 J	1 M	"	"
FIRSSE 127	6 05 21	+20 38 12	20	117 J	10 M	830201	
"	"	"	27	150 J	10 M	"	
"	"	"	93	724 J	10 M	"	
MON R2 IRS3	6 05 21.5	− 6 22 26	10	140 J	5 s	820102	
"	"	"	20	510 J	5 s	"	
"	6 05 21.8	− 6 22 25	50	2200 J	16 s	800405	ED
"	6 05 21.9	− 6 22 26	5.0	D	-	820609	760905
"	"	"	8.4	D	-	"	"
"	"	"	10	120 J	9 s	760905	ED
"	"	"	11.1	D	-	820609	760905
"	"	"	12.5	D	-	"	"
"	"	"	20	450 J	9 s	760905	ED
CRL 877	6 05 22	− 6 22 30	8.8	−0.8 M	V	760005	
"	"	"	10.6	−0.9 M	V	"	
"	"	"	12.5	−3.0 M	V	"	
"	"	"	20	−4.7 M	V	"	
NGC 2175	6 05 33.0	+20 39 06	40	212 J	30 s	810606	
"	"	"	56	439 J	50 s	"	
"	"	"	76	599 J	30 s	"	
"	"	"	136	528 J	50 s	"	
SS GEM	6 05 33.4	+22 37 31	11.3	2.7 MU	-	721203	CSI 79
FIRSSE 128	6 05 42	+21 31 00	20	118 J	10 M	830201	
"	"	"	93	1218 J	10 M	"	
FIRSSE 129	6 05 55	+21 37 48	27	152 J	10 M	"	
"	"	"	40	1034 J	10 M	"	
"	"	"	93	2284 JL	10 M	"	
FIRSSE 130	6 05 59	+15 41 30	20	34 J	10 M	"	
"	"	"	93	306 J	10 M	"	
FIRSSE 131	6 06 24	+20 41 30	20	148 J	10 M	"	
"	"	"	27	296 J	10 M	"	
"	"	"	93	1307 JL	10 M	"	
AFGL 882	6 06 50	+60 28 30	19.8	−3.4 M	10 M	760913	
FIRSSE 132	6 06 58	+20 30 54	20	74 J	10 M	830201	
"	"	"	27	132 J	10 M	"	
"	"	"	93	1876 JL	10 M	"	
FIRSSE 133	6 07 14	+21 41 48	93	108 J	10 M	"	
FIRSSE 134	6 07 22	+12 49 24	20	66 J	10 M	"	
"	"	"	27	204 J	10 M	"	
"	"	"	93	493 J	10 M	"	
AFGL 4475S	6 07 24	+64 14 18	19.8	−3.2 M	10 M	770706	
FIRSSE 135	6 07 27	+16 43 42	93	71 J	10 M	830201	
AFGL 885S	6 07 34	−19 07 48	11.0	−1.5 M	10 M	770706	
AFGL 884	6 07 40	+65 44 18	11.0	−0.8 M	10 M	760913	
TU GEM	6 07 46.7	+26 01 33	8.4	−0.40 C	-	710203	CSI 79
"	"	"	8.6	−0.2 M	-	721103	"
"	"	"	10.8	−0.7 M	-	"	"
"	"	"	11.0	−0.99 C	-	710203	"
"	"	"	12.2	−0.6 M	-	721103	"
FIRSSE 136	6 08 03	+20 28 36	93	385 J	10 M	830201	
AFGL 888	6 08 05	+ 3 46 30	8.6	1.3 MU	26 s	800213	AFGL
"	"	"	10.7	−0.2 M	26 s	"	"
IRC 00099	6 08 08	+ 3 46 12	8.6	1.3 MU	-	740705	IRC
"	"	"	10.7	−0.2 M	-	"	"
AFGL 889S	6 08 10	−31 42 42	19.8	−3.6 M	10 M	770706	
FIRSSE 138	6 08 18	+20 39 36	93	723 J	10 M	830201	
FIRSSE 137	6 08 18	− 6 13 00	20	555 J	10 M	"	
"	"	"	27	972 J	10 M	"	
"	"	"	93	3278 JL	10 M	"	
AFGL 890S	6 08 25	− 6 11 54	19.8	−4.5 M	10 M	770706	
FIRSSE 139	6 08 37	+17 28 30	93	94 J	10 M	830201	
FIRSSE 140	6 08 42	+21 03 48	93	87 J	10 M	"	
TV GEM	6 08 50.9	+21 52 50	8.4	−0.20 C	-	710203	CSI 79
"	"	"	8.4	−0.34 CV	-	750104	"
"	"	"	8.4	−0.20 C	-	710405	"
"	"	"	11	−1.30 M	-	710403	"
"	"	"	11	−1.32 CV	-	750104	"
"	"	"	11.0	−1.27 C	-	710405	"
"	"	"	11.0	−1.27 C	-	710203	"
"	"	"	20	−1.69 M	-	741002	"
WY GEM	6 08 53.9	+23 13 09	8.4	1.65 C	-	710203	CSI 79
"	"	"	11.0	1.46 C	-	"	"
"	"	"	11.4	1.0 M	-	700907	"
FIRSSE 141	6 08 58	+20 39 12	93	126 J	10 M	830201	
FIRSSE 142	6 09 01	+17 55 36	93	110 J	10 M	"	
AFGL 893	6 09 07	+21 50 30	8.4	−0.2 M	11 s	800213	AFGL
"	"	"	11.0	−1.3 M	10 M	760913	
"	"	"	11.2	−1.3 M	11 s	800213	AFGL
AFGL 894	6 09 10	+32 42 12	19.8	−3.4 M	10 M	760913	
FIRSSE 143	6 09 13	− 6 12 30	20	24 J	10 M	830201	
"	"	"	27	73 J	10 M	"	
"	"	"	93	141 J	10 M	"	
BU GEM	6 09 17.1	+22 55 16	8.4	0.21 C	-	710405	CSI 79
"	"	"	8.4	0.21 C	-	710203	"
"	"	"	11.0	−0.95 C	-	"	"
"	"	"	11.0	−0.95 C	-	710405	"
"	"	"	11.4	−1.0 M	-	700907	"
AFGL 895	6 09 22	+22 53 48	8.4	0.2 M	11 s	800213	AFGL
"	"	"	11.0	−1.4 M	10 M	760913	
"	"	"	11.2	−1.0 M	11 s	800213	AFGL
FIRSSE 144	6 09 33	+78 24 42	40	182 J	10 M	830201	
"	"	"	93	98 J	10 M	"	
FIRSSE 145	6 09 42	+62 38 42	93	218 J	10 M	"	
MARK 3	6 09 48.1	+71 03 00	10	−23.4 H	V	760401	739901
"	"	"	10.6	0.29 J	3.9 s	781209	"
FIRSSE 146	6 09 56	+18 00 30	20	325 J	10 M	830201	
"	"	"	27	646 J	10 M	"	

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
"	h m s	° ′ ″	40	6107 J	10 M	"	
"	"	"	93	3639 JL	10 M	"	
H2O 0610+18	6 09 58	+18 00 07	8.4	2.28 F	V	760102	
"	"	"	8.4	2.42 F	12 S	"	
"	"	"	10.2	0.36 F	12 S	"	
"	"	"	11.1	0.71 F	12 S	"	
"	"	"	11.2	0.95 F	V	"	
"	"	"	12.5	1.94 F	V	"	
"	"	"	12.6	1.93 F	12 S	"	
"	"	"	17	0.94 F	12 S	"	
S 255/257	6 09 59.4	+17 59 48	40	715 J	30 S	810606	
"	"	"	54	2513 J	50 S	"	
"	"	"	78	1716 J	30 S	"	
"	"	"	133	1906 J	50 S	"	
AFGL 896	6 10 04	+17 59 18	8.4	0.2 M	17 S	800213	AFGL
"	"	"	11.0	−1.8 M	10 M	760913	
"	"	"	11.2	−0.1 M	17 S	800213	AFGL
"	"	"	12.5	−1.3 M	17 S	"	"
"	"	"	19.8	−3.5 M	10 M	760913	
FIRSSE 147	6 10 11	+18 47 00	93	49 J	10 M	830201	
FIRSSE 148	6 10 19	+15 23 00	20	39 J	10 M	"	
"	"	"	27	93 J	10 M	"	
"	"	"	93	297 J	10 M	"	
AFGL 4477S	6 10 30	− 7 16 36	19.8	−2.9 M	10 M	770706	
FIRSSE 149	6 10 43	+17 58 36	20	47 J	10 M	830201	
"	"	"	27	33 J	10 M	"	
"	"	"	93	236 J	10 M	"	
SU GEM	6 10 50.6	+27 42 26	8.6	1.9 M	−	721203	CSI 79
"	"	"	11.3	1.5 M	−	"	"
FIRSSE 150	6 10 56	+18 44 36	93	51 J	10 M	830201	
AFGL 902	6 11 31	+13 52 12	11.0	−0.6 M	10 M	760913	
"	"	"	19.8	−3.6 M	10 M	"	
FIRSSE 151	6 11 31	+17 46 00	20	43 J	10 M	830201	
"	"	"	27	83 J	10 M	"	
"	"	"	93	512 J	10 M	"	
S 269 IRS2	6 11 47.0	+13 50 32	10	−26.7 LU	7.5 S	740203	
"	"	"	20	−25.4 LU	7.5 S	"	
ETA GEM	6 11 51.4	+22 31 21	8.4	−1.57 C	−	710405	CSI 79
"	"	"	8.4	−1.57 C	−	710203	"
"	"	"	8.6	−1.8 M	−	731004	"
"	"	"	10	3.69 FV	V	660501	"
"	"	"	11	−1.76 M	−	710403	"
"	"	"	11.0	−1.74 C	−	710405	"
"	"	"	11.0	−1.74 C	−	710203	"
"	"	"	11.3	−2.0 M	−	731004	"
"	"	"	12.2	−2.2 M	−	"	"
"	"	"	18	−2.0 M	−	"	"
"	"	"	20	−1.9 M	14 S	760901	"
FIRSSE 152	6 11 52	+13 52 06	20	133 J	10 M	830201	
"	"	"	27	258 J	10 M	"	
"	"	"	93	2926 JL	10 M	"	
FIRSSE 153	6 11 53	+19 01 24	93	137 J	10 M	"	
AFGL 4478S	6 11 54	+22 29 54	8.4	−1.6 M	11 S	800213	770706
"	"	"	11.0	−2.0 M	10 M	770706	
"	"	"	11.2	−1.7 M	11 S	800213	770706
FIRSSE 154	6 12 03	+19 05 00	20	21 J	10 M	830201	
"	"	"	93	509 J	10 M	"	
VV 1-4	6 12 05.0	+12 22 22	10	4.6 MU	11 S	741009	739909
FIRSSE 155	6 12 07	+12 21 18	20	30 J	10 M	830201	
"	"	"	27	53 J	10 M	"	
"	"	"	93	398 J	10 M	"	
AFGL 903	6 12 08	+56 45 48	11.0	−0.2 M	10 M	760913	
FIRSSE 156	6 12 47	+14 16 18	20	30 J	10 M	830201	
"	"	"	27	104 J	10 M	"	
"	"	"	93	244 J	10 M	"	
AFGL 907	6 13 14	+61 31 00	11.0	−1.1 M	10 M	760913	
FIRSSE 157	6 13 39	−15 58 18	93	29 J	10 M	830201	
HFE 9	6 13 49	+ 4 11	100	15000 J	12 M	711201	
HD 43384	6 13 55.6	+23 45 33	8.7	4.71 M	−	780704	CSI 79
AFGL 909	6 14 03	+33 13 06	11.0	−1.1 M	10 M	760913	
FIRSSE 158	6 15 40	+23 20 42	20	87 J	10 M	830201	
"	"	"	27	134 J	10 M	"	
"	"	"	93	488 J	10 M	"	
FIRSSE 159	6 15 50	+15 17 18	20	28 J	10 M	"	
"	"	"	27	78 J	10 M	"	
"	"	"	93	360 J	10 M	"	
S 266	6 15 55.3	+15 18 00	5	3.97 M	14 S	720603	759901
SH2-266	"	"	8.6	2.68 M	11 S	751104	"
"	"	"	10	2.40 M	11 S	"	"
S 266	"	"	10	2.67 M	14 S	720603	"
SH2-266	"	"	10.8	2.18 M	11 S	751104	"
"	"	"	11.3	2.22 M	11 S	"	"
"	"	"	12.8	2.14 M	11 S	"	"
"	"	"	18	0.92 M	11 S	"	"
AFGL 911S	6 16 38	+83 52 18	19.8	−3.6 M	10 M	770706	
FIRSSE 160	6 17 32	−10 37 18	20	416 J	10 M	830201	
"	"	"	27	324 J	10 M	"	
"	"	"	93	66 J	10 M	"	
AFGL 915	6 17 35	−10 36 00	8.4	−2.1 MV	17 S	800213	AFGL
CRL 915	"	"	8.4	−2.1 C	18 S	761210	"
AFGL 915	"	"	8.6	0.5 M	8.5 S	800213	"
"	"	"	10.7	−0.1 M	8.5 S	"	"
"	"	"	11.0	−2.7 M	10 M	760913	
"	"	"	11.2	−2.6 MV	17 S	800213	AFGL
CRL 915	"	"	11.2	−2.6 C	18 S	761210	"
AFGL 915	"	"	12.2	−0.6 M	8.5 S	800213	"
"	"	"	12.5	−2.9 MV	17 S	"	"
CRL 915	"	"	12.5	−2.9 C	18 S	761210	"
AFGL 915	"	"	18	−2.2 M	8.5 S	800213	"
"	"	"	19.8	−4.1 M	10 M	760913	
"	"	"	35	283 J	22 S	780411	AFGL
"	"	"	53	169 J	22 S	"	"
HD 44179	6 17 36.9	−10 36 51	7.42	S	26 S	820210	CSI 79
"	"	"	8.4	−2.14 M	22 S	750205	"
"	"	"	8.6	−2.15 M	4 S	"	"
"	"	"	8.6	−2.08 M	11 S	"	"
"	"	"	10.8	−2.38 M	11 S	"	"
"	"	"	11	−2.63 M	10 M	"	"
"	"	"	11.2	−2.63 M	22 S	"	"
"	"	"	11.3	−2.64 M	11 S	"	"
"	"	"	11.5	−2.56 M	4 S	"	"
"	"	"	12.5	−2.87 M	22 S	"	"
"	"	"	12.8	−2.80 M	11 S	"	"
"	"	"	18	−4.0 M	4 S	"	"
"	"	"	18	−4.0 M	11 S	"	"
"	"	"	20	−4.18 M	10 M	"	"
"	"	"	22	−3.9 M	11 S	"	"
"	"	"	27	−4.7 M	11 S	"	"
CRL 915	h m s 6 17 37.0	° ′ ″ −10 36 52	5.0	140 J	−	760604	
"	"	"	10.6	230 J	−	"	
AFGL 918	6 18 13	+11 35 00	8.6	0.2 M	26 S	800213	AFGL
"	"	"	10.7	−0.1 M	26 S	"	"
"	"	"	11.0	−1.3 M	10 M	760913	
"	"	"	12.2	−0.3 M	26 S	800213	AFGL
"	6 18 20.0	+11 35 42	10.6	−0.8 M	−	790106	
FIRSSE 161	6 18 35	+66 18 12	20	431 J	10 M	830201	
"	"	"	27	290 J	10 M	"	
"	"	"	93	49 J	10 M	"	
AFGL 921	6 19 21	− 3 51 00	8.4	−0.6 MV	17 S	800213	AFGL
"	"	"	8.6	−0.2 MV	26 S	"	"
"	"	"	10.7	−1.2 MV	26 S	"	"
"	"	"	11.0	−1.6 M	10 M	760913	
"	"	"	11.2	−1.7 M	17 S	800213	AFGL
"	"	"	12.2	−1.1 MV	26 S	"	"
"	"	"	12.5	−1.5 M	17 S	"	"
"	"	"	18	−2.0 MV	26 S	"	"
IRC 00102	6 19 22	− 3 50 12	8.4	−0.3 CV	−	760610	IRC
"	"	"	8.6	−0.3 M	−	740705	"
"	"	"	10.7	−1.3 M	−	"	"
"	"	"	11.2	−1.3 CV	−	760610	"
"	"	"	12.2	−1.1 M	−	740705	"
"	"	"	12.5	−1.1 CV	−	760610	"
"	"	"	18	−2.4 M	−	740705	"
IC 2165	6 19 24.2	−12 57 40	9.0	100 GU	7 S	811008	739909
"	"	"	10	4.4 M	11 S	741009	"
"	"	"	10.5	1300 G	7 S	811008	"
"	"	"	12.8	100 GU	7 S	"	"
"	"	"	18	1.25 M	11 S	741009	"
AFGL 922	6 19 44	+22 32 12	11.0	−2.2 M	10 M	760913	
MUU GEM	6 19 56.0	+22 32 27	8.6	−2.2 M	−	731004	CSI 79
"	"	"	10	2.22 F	V	660501	"
"	"	"	11	−2.14 M	−	710403	"
"	"	"	11.0	−2.04 C	−	710405	"
"	"	"	11.3	−2.3 M	−	731004	"
"	"	"	12.2	−2.3 M	−	"	"
"	"	"	18	−2.3 M	−	"	"
"	"	"	20	−2.32 M	9 S	731104	"
AFGL 927	6 20 45	+49 18 30	11.0	−1.2 M	10 M	760913	
FIRSSE 162	6 20 53	+ 9 58 36	20	18 J	10 M	830201	
"	"	"	93	211 J	10 M	"	
PSI 1 AUR	6 21 02.9	+49 18 57	11.0	0.6 C	−	710405	779907
"	"	"	11.4	−0.2 M	−	700907	"
IRC+10120	6 21 24	+14 15 12	8.6	1.3 MU	−	740705	IRC
"	"	"	10.7	1.4 MU	−	"	"
AFGL 4493S	6 21 48	−25 32 06	11.0	−0.9 M	10 M	770706	
T MON	6 22 30.9	+ 7 06 51	8.7	3.45 M	−	741105	CSI 79
"	"	"	10.0	3.48 M	−	"	"
"	"	"	11.4	3.17 M	−	"	"
BL ORI	6 22 36.9	+14 45 03	8.4	0.10 C	−	710203	CSI 79
"	"	"	8.4	1.66 F	−	761005	"
"	"	"	11.0	0.739 F	−	"	"
"	"	"	11.0	−0.16 C	−	710203	"
AFGL 933	6 22 39	− 9 06 30	8.6	−0.9 M	8.5 S	800213	AFGL
"	"	"	8.6	−0.9 M	26 S	"	"
"	"	"	10.7	−1.2 M	8.5 S	"	"
"	"	"	10.7	−1.1 M	26 S	"	"
"	"	"	11.0	−1.2 M	10 M	760913	
"	"	"	12.2	−1.2 M	8.5 S	800213	AFGL
"	"	"	12.2	−1.9 M	26 S	"	"
"	"	"	18	−0.6 M	8.5 S	"	"
AFGL 934	6 22 43	+14 44 06	8.4	0.1 M	11 S	"	AFGL
"	"	"	11.0	−0.7 M	10 M	760913	
"	"	"	11.2	−0.2 M	11 S	800213	AFGL
ALF CAR	6 22 50.4	−52 40 03	8.4	−1.51 M	−	730002	CSI 79
"	"	"	8.6	−1.45 M	V	710701	"
"	"	"	8.6	−1.45 M	−	720202	"
"	"	"	10.2	−1.52 M	−	730002	"
"	"	"	10.7	−1.49 M	−	720202	"
"	"	"	10.8	−1.49 M	V	710701	"
"	"	"	11.2	−1.45 M	−	730002	"
"	"	"	12.2	−1.53 M	V	710701	"
"	"	"	12.2	−1.53 M	−	720202	"
"	"	"	17.5	−1.32 M	V	710701	"
J900	6 23 01.8	+17 49 15	8	S	4.7 S	820715	739909
"	"	"	10	3.15 M	11 S	741009	"
"	"	"	18	0.1 M	11 S	"	"
AFGL 935	6 23 02	− 9 29 06	11.0	−1.3 M	10 M	760913	
CRL 935	6 23 04.8	− 9 30 57	11	40 J	−	760605	
AFGL 937	6 23 15	+19 06 00	19.8	−4.1 M	10 M	760913	
AFGL 938	6 23 32	+68 57 24	11.0	−0.8 M	10 M	"	
AFGL 940	6 23 59	+ 9 02 54	11.0	−1.1 M	10 M	"	
IRC+10123	6 24 04	+10 26 06	8.4	1.0 CV	−	760610	IRC
"	"	"	8.6	0.8 M	−	740705	"
"	"	"	10.7	−0.6 M	−	"	"
"	"	"	11.2	−0.2 CV	−	760610	"
"	"	"	12.5	0.0 CV	−	"	"
AFGL 4496S	6 24 05	+10 25 48	8.4	1.0 MV	17 S	800213	770706
"	"	"	8.6	0.8 M	26 S	"	"
"	"	"	10.7	−0.6 M	26 S	"	"
"	"	"	11.0	−1.0 M	10 M	770706	
"	"	"	11.2	−0.2 MV	17 S	800213	770706
"	"	"	12.5	−0.1 MV	17 S	"	"
AFGL 942S	6 24 08	− 7 49 12	19.8	−3.2 M	10 M	770706	
HD 45314	6 24 24.3	+14 55 13	10	5.00 MU	11 S	770504	CSI 79
AFGL 944	6 24 34	−19 35 18	19.8	−3.3 M	10 M	760913	
FIRSSE 163	6 24 49	−10 09 42	20	36 J	10 M	830201	
"	"	"	27	47 J	10 M	"	
"	"	"	93	159 J	10 M	"	
IRC+20146	6 24 56	+20 35 24	8.6	1.4 M	−	740705	IRC
"	"	"	10.7	0.5 MU	−	"	"
AFGL 4498S	6 25 13	+49 32 54	19.8	−3.4 M	10 M	770706	
HD 45677	6 25 59.0	−13 01 10	5.0	0.81 M	−	700302	CSI 79
"	"	"	5.0	0.77 M	−	751004	"
"	"	"	5.0	0.77 M	−	700502	"
"	"	"	10.0	−1.22 M	−	751004	"
"	"	"	10.2	−1.22 M	−	700502	"
"	"	"	10.2	−1.47 M	−	700302	"
"	"	"	20	1.16 F	13 S	770902	"
"	"	"	20	−2.88 M	−	741002	"
"	"	"	22	−3.64 M	−	700502	"
"	"	"	22.0	−3.21 M	−	700302	"
"	"	"	25	0.60 F	13 S	770902	"
"	"	"	33	0.16 F	13 S	"	"
NUU GEM	6 25 59.6	+20 14 43	8.7	3.94 M	11 S	740807	CSI 79
"	"	"	10	4.20 M	11 S	"	"
AFGL 4061	6 26 02	+44 47 00	19.8	−3.3 M	10 M	760913	

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
	h m s	° ′ ″					
BET MON A	6 26 23.9	− 7 00 00	8.7	3.06 M	11 s	740807	CSI 79
"	"	"	10	3.16 M	11 s	"	"
"	"	"	11.4	2.73 M	11 s	"	"
FIRSSE 164	6 26 50	+ 8 49 42	20	41 J	10 M	830201	
"	"	"	93	25 J	10 M	"	
AFGL 4062	6 27 04	−72 47 24	11.0	−1.9 M	10 M	760913	
"	"	"	19.8	−3.4 M	10 M	"	
HD 45829	6 27 19.3	+ 7 57 21	8.7	3.20 M	−	741105	CSI 79
"	"	"	10.0	3.17 M	−	"	"
"	"	"	11.4	3.17 M	−	"	"
LKHA 340	6 27 34.5	+10 33 55	10	4.6 MU	11 s	741108	729902
AX MON	6 27 52.3	+ 5 54 06	5.0	3.81 M	−	700302	CSI 79
"	"	"	10.2	4.22 M	−	"	"
AFGL 950	6 27 56	+27 28 42	11.0	−1.5 M	10 M	760913	
LKHA 341	6 28 04.1	+10 35 19	10	4.5 MU	11 s	741108	729902
FIRSSE 165	6 28 13	+13 18 18	20	15 J	10 M	830201	
"	"	"	93	75 J	10 M	"	
AFGL 951S	6 28 18	+10 27 30	11.0	−0.5 M	10 M	770706	
FIRSSE 166	6 28 20	− 9 35 18	20	32 J	10 M	830201	
"	"	"	93	820 J	10 M	"	
VY MON	6 28 21	+10 28 18	8	S	−	800509	820108
"	"	"	8.4	0.67 MV	12 s	760107	"
"	"	"	8.5	0.66 M	−	800509	"
"	"	"	8.6	0.5 M	11 s	741108	"
"	"	"	10	0.0 M	11 s	"	"
"	"	"	10	0.42 M	−	820108	
"	"	"	10.8	0.1 M	11 s	741108	820108
"	"	"	11.1	0.10 MV	12 s	760107	"
"	"	"	11.1	0.10 M	−	800509	"
"	"	"	11.3	0.2 M	11 s	741108	"
"	"	"	12.3	−0.12 M	−	800509	"
"	"	"	12.8	−0.25 M	11 s	741108	"
"	"	"	18	−2.0 M	11 s	"	"
"	"	"	19.5	−1.62 M	−	820108	
"	"	"	22	−2.5 M	11 s	741108	820108
FIRSSE 167	6 28 23	+ 9 52 48	93	238 J	10 M	830201	
FIRSSE 168	6 28 23	+10 29 30	20	93 J	10 M	"	
"	"	"	27	78 J	10 M	"	
"	"	"	93	163 J	10 M	"	
LKHA 274	6 28 24.1	+10 28 14	10	5.1 M	11 s	741108	729902
AFGL 953S	6 28 49	+46 56 48	11.0	−1.8 M	10 M	770706	
FIRSSE 169	6 28 53	+10 02 24	20	12 J	10 M	830201	
"	"	"	93	34 J	10 M	"	
AFGL 4063	6 29 05	+45 56 30	19.8	−3.4 M	10 M	760913	
IRC 00114	6 29 11	+ 1 22 30	8.6	1.9 MU	−	740705	IRC
"	"	"	10.7	0.5 MU	−	"	"
FIRSSE 170	6 29 14	+ 4 22 24	20	19 J	10 M	830201	
"	"	"	93	1615 J	10 M	"	
AFGL 954	6 29 22	+43 19 24	8.4	−0.6 M	17 s	800213	AFGL
"	"	"	8.6	−0.5 MV	26 s	"	"
"	"	"	10.7	−1.0 MV	26 s	"	"
"	"	"	11.0	−1.4 M	10 M	760913	
"	"	"	11.2	−1.3 M	17 s	800213	AFGL
"	"	"	12.2	−1.6 MV	26 s	"	"
"	"	"	12.5	−1.3 M	17 s	"	"
"	"	"	18	−2.6 MU	26 s	"	"
AFGL 955	6 29 39	+40 44 36	8.4	−0.5 MV	17 s	"	AFGL
"	"	"	11.0	−1.5 M	10 M	760913	
"	"	"	11.2	−1.8 MV	17 s	800213	AFGL
"	"	"	12.5	−1.6 MV	17 s	"	"
IRC+40156	6 29 45	+40 44 54	10.1	−1.34 C	−	720001	IRC
LKHA 215	6 29 54	+10 12	11.0	3.0 MU	11 s	730006	
"	6 29 56	+10 11 24	8.6	4.00 M	−	791211	820108
"	"	"	10	4.0 M	−	820108	
"	"	"	10.3	4.27 M	−	791211	820108
"	"	"	19.5	2.1 M	−	820108	
AFGL 956	6 29 57	+60 59 18	11.0	−2.8 M	10 M	760913	
"	"	"	19.8	−3.7 M	10 M	"	
FIRSSE 171	6 30 00	+10 12 18	20	25 J	10 M	830201	
"	"	"	93	131 J	10 M	"	
IRC+60169	6 30 02	+60 58 54	10.2	−14.9 R	−	740401	IRC
"	"	"	20	−3.42 M	−	741002	"
HDE 259431	6 30 19	+10 21 36	10	1.83 M	−	820108	
"	"	"	19.5	0.5 M	−	"	
"	6 30 19.3	+10 21 36	8.4	1.8 M	11 s	730006	CSI 79
"	"	"	8.4	2.3 M	−	710202	"
"	"	"	8.6	2.1 M	11 s	730006	"
"	"	"	10	1.3 M	−	720404	"
"	"	"	10.8	1.6 M	11 s	730006	"
"	"	"	11.0	1.7 M	11 s	"	"
"	"	"	11.0	1.6 M	−	710202	"
"	"	"	11.3	1.55 M	11 s	730006	"
"	"	"	12.8	1.2 M	11 s	"	"
"	"	"	18	0.1 M	11 s	"	"
FIRSSE 172	6 30 24	+10 23 30	20	27 J	10 M	830201	
"	"	"	93	165 J	10 M	"	
AFGL 4508S	6 30 40	+10 20 00	11.0	−0.4 M	10 M	770706	
"	"	"	19.8	−2.8 M	10 M	"	
FIRSSE 173	6 30 43	+10 59 18	93	44 J	10 M	830201	
IRC+30156	6 30 48	+28 19 54	8.6	1.1 MU	−	740705	IRC
"	"	"	10.7	0.8 MU	−	"	"
FIRSSE 174	6 30 59	+ 4 03 24	20	42 J	10 M	830201	
"	"	"	27	93 J	10 M	"	
"	"	"	93	1331 J	10 M	"	
AFGL 960S	6 31 51	+60 42 12	19.8	−3.8 M	10 M	770706	
AFGL 961	6 31 54	+ 4 16 36	8.4	0.06 M	−	800509	AFGL
"	"	"	11.0	−0.4 M	10 M	760913	
"	"	"	11.2	−0.70 M	−	800509	AFGL
"	"	"	12.5	−1.32 M	−	"	"
"	"	"	19.8	−3.3 M	10 M	760913	
ROSETTE NEB	6 31 58.7	+ 4 15 17	53	680 J	34 s	770703	
"	"	"	100	620 J	40 s	"	
"	"	"	175	475 J	46 s	"	
FIRSSE 175	6 31 59	+ 4 15 18	20	293 J	10 M	830201	
"	"	"	27	300 J	10 M	"	
"	"	"	93	4015 J	10 M	"	
ROSETTE IRS	6 31 59.0	+ 4 15 09	8.6	0.00 M	11 s	731003	
"	"	"	10	−0.45 M	11 s	"	
"	"	"	10.8	−0.71 M	11 s	"	
"	"	"	11.3	−0.91 M	11 s	"	
"	"	"	18	−3.01 M	11 s	"	
COHEN IRS	"	"	20	2.48 F	13 s	770902	731003
"	"	"	25	1.52 F	13 s	"	"
"	"	"	33	0.66 F	13 s	"	"
FIRSSE 176	6 33 01	+11 01 48	93	123 J	10 M	830201	
AFGL 967	6 33 06	+14 15 06	11.0	−0.5 M	10 M	760913	
AFGL 966	6 33 06	+38 28 42	8.4	−1.6 M	11 s	800213	AFGL
"	"	"	11.0	−2.1 M	10 M	760913	
"	"	"	11.2	−2.2 M	11 s	800213	AFGL
UU AUR	6 33 06.6	+38 29 16	8.4	11.0 F	−	761005	779907
"	"	"	8.4	−1.71 CV	−	750104	"
"	"	"	8.4	−1.63 C	−	710203	"
"	"	"	8.6	−1.7 M	−	721103	"
"	"	"	8.6	11.5 F	−	761005	"
"	"	"	10.8	−2.0 M	−	721103	"
"	"	"	10.8	6.18 F	−	761005	"
"	"	"	11	−2.12 CV	−	750104	"
"	"	"	11.0	6.23 F	−	761005	"
"	"	"	11.0	−2.15 C	−	710203	"
"	"	"	12.2	3.80 F	−	761005	"
"	"	"	12.2	−1.9 M	−	721103	"
"	"	"	18.0	−1.9 M	−	"	"
"	"	"	18.0	0.748 F	−	761005	"
"	"	"	20	−2.18 M	9 s	731104	"
"	"	"	20.0	0.539 F	−	761005	"
M1-6	6 33 11.0	+ 0 03 11	10	3.2 M	11 s	741009	769910
"	"	"	18	−0.1 M	11 s	"	"
AFGL 968	6 33 19	− 5 20 30	11.0	−1.5 M	10 M	760913	
"	"	"	19.8	−3.7 M	10 M	"	
FIRSSE 177	6 33 52	+10 50 18	20	22 J	10 M	830201	
"	"	"	27	49 J	10 M	"	
"	"	"	93	580 J	10 M	"	
AFGL 969	6 33 57	+17 46 18	11.0	−1.4 M	10 M	760913	
FIRSSE 178	6 33 58	+10 27 42	93	85 J	10 M	830201	
AFGL 970	6 34 08	+21 09 12	11.0	−0.3 M	10 M	760913	
M1-7	6 34 17.8	+24 03 12	10	5.0 MU	11 s	741009	769910
"	"	"	18	0.4 MU	11 s	"	"
AFGL 971	6 34 19	+ 3 26 24	8.4	−1.5 MV	17 s	800213	AFGL
CRL 971	"	"	8.4	−1.3 C	18 s	761210	"
AFGL 971	"	"	11.0	−2.2 M	10 M	760913	
"	"	"	11.2	−2.0 MV	17 s	800213	AFGL
CRL 971	"	"	11.2	−1.9 C	18 s	761210	"
AFGL 971	"	"	12.5	−2.1 MV	17 s	800213	"
CRL 971	"	"	12.5	−1.9 C	18 s	761210	"
HD 47129	6 34 43.2	+ 6 10 42	10	4.70 M	11 s	770504	CSI 79
BS 2422	"	"	18	−1.3 MU	−	730303	"
AFGL 975	6 34 44	+16 26 42	11.0	0.0 M	10 M	760913	
AFGL 4512S	6 34 48	−22 14 12	11.0	−1.7 M	10 M	770706	
GAM GEM	6 34 49.3	+16 26 36	5.0	1.88 M	−	700302	CSI 79
"	"	"	10	0.389 FV	V	660501	"
"	"	"	10.2	2.19 M	−	700302	"
AFGL 977	6 34 56	− 1 21 18	11.0	−1.3 M	10 M	760913	
FIRSSE 179	6 35 56	− 1 36 06	20	17 J	10 M	830201	
"	"	"	27	55 J	10 M	"	
"	"	"	93	58 J	10 M	"	
AFGL 982	6 36 09	+59 54 30	11.0	−1.3 M	10 M	760913	
"	"	"	19.8	−3.0 M	10 M	"	
R MON 40"S	6 36 25.3	+ 8 47 20	52	13 J	37 s	790702	ED
"	"	"	100	13 J	37 s	"	"
R MON	6 36 25.3	+ 8 48 00	5.0	2.10 M	−	700502	CSI 79
"	"	"	5.0	2.10 M	−	700302	"
"	"	"	8	S	−	800509	"
"	"	"	8.4	0.8 M	11 s	730006	"
"	"	"	8.4	0.46 MV	13 s	760107	"
"	"	"	8.5	0.36 MV	−	800509	"
"	"	"	8.6	0.4 M	11 s	730006	"
"	"	"	9.6	−0.07 MV	−	800509	"
"	"	"	10.2	0.44 M	−	700502	"
"	"	"	10.2	0.14 M	−	700302	"
"	"	"	10.8	−0.2 M	11 s	730006	"
"	"	"	11.0	−0.1 M	11 s	"	"
"	"	"	11.1	−0.12 MV	13 s	760107	"
"	"	"	11.1	−0.36 M	−	800509	"
"	"	"	11.3	−0.4 M	11 s	730006	"
"	"	"	11.6	−0.70 MV	−	800509	"
"	"	"	12.3	−0.49 M	−	"	"
"	"	"	12.8	−0.55 M	11 s	730006	"
"	"	"	18	−2.4 M	11 s	"	"
"	"	"	20	0.86 F	13 s	770902	"
"	"	"	20	−2.6 M	14 s	760901	"
"	"	"	20	1.0 F	−	690401	"
"	"	"	22	−2.70 M	−	700502	"
"	"	"	22.0	−2.00 M	−	700302	"
"	"	"	25	0.60 F	13 s	770902	"
"	"	"	33	0.25 F	13 s	"	"
"	"	"	52	81 J	37 s	790702	"
"	"	"	100	42 J	37 s	"	"
R MON 40"N	6 36 25.3	+ 8 48 40	52	3 J	37 s	"	ED
"	"	"	100	24 J	37 s	"	"
FIRSSE 180	6 36 27	+ 8 47 00	20	102 J	10 M	830201	
"	"	"	27	109 J	10 M	"	
"	"	"	93	83 J	10 M	"	
AFGL 4517S	6 36 33	+13 17 24	19.8	−3.5 M	10 M	770706	
FIRSSE 181	6 37 12	+10 40 54	93	73 J	10 M	830201	
NGC 2264 W46	6 37 39.5	+ 9 48 57	8.4	3.5 MU	11 s	730004	CSI 79
"	"	"	11.0	4.4 M	11 s	"	"
AFGL 4518S	6 37 40	− 6 14 54	19.8	−2.3 M	10 M	770706	
NGC 2264 W67	6 37 52	+ 9 50 36	10	4.2 MU	11 s	730004	740903
"	"	"	11.0	2.9 MU	11 s	"	"
NGC 2264 W90	6 37 59.0	+ 9 50 47	8.4	3.25 MU	11 s	"	CSI 79
"	"	"	11.0	2.4 MV	11 s	"	"
"	"	"	18	−0.1 MV	11 s	"	"
FIRSSE 182	6 38 00	+ 9 51 18	20	34 J	10 M	830201	
"	"	"	27	72 J	10 M	"	
"	"	"	93	1188 J	10 M	"	
LR MON	6 38 02	+ 9 52 26	10	3.9 MU	11 s	741108	GCVS
NGC 2264 W100	6 38 03.7	+ 9 54 13	10	4.2 MU	11 s	730004	CSI 79
"	"	"	11.0	2.7 MU	11 s	"	"
NGC 2264 W108	6 38 06.3	+ 9 47 42	10	4.85 MU	11 s	741108	CSI 79
AFGL 4519S	6 38 08	+ 9 47 48	11.0	−1.2 M	10 M	770706	
FIRSSE 183	6 38 10	+10 39 18	93	168 J	10 M	830201	
15 MON	6 38 13.3	+ 9 56 36	10.2	3.80 M	−	700302	CSI 79
"	"	"	10.7	0.7 MU	−	730303	"
"	"	"	18	−2.1 MU	−	"	"
IP MON	6 38 16	+ 9 35 32	10	4.0 MU	11 s	741108	GCVS
NGC 2264 W158	6 38 18.9	+ 9 57 44	11.0	3.0 MU	11 s	730004	CSI 79
NGC 2264 W165	6 38 19.1	+ 9 25 48	8.4	3.1 MU	11 s	"	CSI 79
"	"	"	10	3.9 MU	11 s	"	"
"	"	"	11.0	1.4 M	11 s	"	"
"	"	"	18	−1.8 M	11 s	"	"
V360 MON	6 38 21	+ 9 39 19	10	4.4 MU	11 s	741108	GCVS
NGC 2264A	6 38 22	+ 9 25 42	1230	18.2 JU	−	760601	
HD 47887	6 38 24.7	+ 9 30 48	18	−1.15 MU	11 s	730004	CSI 79
NGC 2264 IRS	6 38 24.9	+ 9 32 29	5.0	D	4 s	811204	720302
"	"	"	8.6	−0.8 M	11 s	720302	
"	"	"	10.8	−1.3 M	11 s	"	

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
"	h m s	° ′ ″	11.3	−1.0 M	11 s	"	
"	"	"	12.8	−1.8 M	11 s	"	
"	"	"	18	−3.2 M	11 s	"	
"	"	"	20	−3.3 M	11 s	"	
ALLEN IRS	"	"	20	2.63 F	13 s	770902	720302
NGC 2264 IRS	"	"	20	−3.9 M	14 s	760901	"
"	"	"	22	−4.0 M	11 s	720302	
ALLEN IRS	"	"	25	1.89 F	13 s	770902	720302
"	"	"	33	1.05 F	13 s	"	"
NGC 2264B	6 38 25	+ 9 32 30	1230	23.2 JU	–	760601	
NGC 2264	6 38 25.3	+ 9 32 25	53	980 J	34 s	770703	
"	"	"	100	1645 J	40 s	"	
"	"	"	175	1530 J	46 s	"	
CRL 989	6 38 25.7	+ 9 32 16	11	90 J	–	760605	
AFGL 989	6 38 26	+ 9 32 18	8.4	−0.9 MV	17 s	800213	AFGL
CRL 989	"	"	8.4	−0.8 C	18 s	761210	"
AFGL 989	"	"	11.0	−1.1 M	10 M	760913	
"	"	"	11.2	−1.3 MV	17 s	800213	AFGL
CRL 989	"	"	11.2	−1.2 C	18 s	761210	"
AFGL 989	"	"	12.5	−1.8 MV	17 s	800213	"
CRL 989	"	"	12.5	−1.7 C	18 s	761210	"
AFGL 989	"	"	19.8	−3.3 M	10 M	760913	
LHA 61	6 38 28	+ 9 29 07	10	4.2 MU	11 s	741108	729902
FIRSSE 184	6 38 28	+10 03 06	20	41 J	10 M	830201	
"	"	"	93	57 J	10 M	"	
FIRSSE 185	6 38 30	+ 9 33 24	20	271 J	10 M	"	
"	"	"	27	322 J	10 M	"	
"	"	"	40	832 J	10 M	"	
"	"	"	93	1824 JL	10 M	"	
NGC 2264C	6 38 34	+ 9 27 42	1230	24.2 JU	–	760601	
NGC 2264 W215	6 38 44.9	+ 9 52 41	10	4.6 MU	11 s	730004	CSI 79
"	"	"	11.0	3.1 MU	11 s	"	"
NGC 2264 W222	6 38 48.9	+ 9 54 15	10	2.8 M	11 s	"	CSI 79
"	"	"	11.0	2.9 MU	11 s	"	"
AFGL 991	6 38 52	+55 32 06	11.0	−1.0 M	10 M	760913	
NGC 2264 W226	6 38 55.9	+ 9 50 11	11.0	3.6 MU	11 s	730004	CSI 79
AFGL 992S	6 39 10	− 4 33 06	11.0	−1.3 M	10 M	770706	
BS 2467	6 39 18.1	+ 6 23 38	10.7	1.2 MU	–	730303	CSI 79
"	"	"	18	−1.3 MU	–	"	"
AFGL 999	6 40 18	−14 23 42	11.0	−1.6 M	10 M	760913	
EPS GEM	6 40 51.3	+25 10 55	5.0	−0.07 M	–	700302	CSI 79
"	"	"	10	0.820 FV	V	660501	"
AFGL 1001	6 40 51.4	+25 10 57	8.4	−0.07 M	17 s	790401	
"	"	"	11.2	0.02 M	17 s	"	
"	"	"	12.5	0.04 M	17 s	"	
"	6 40 52	+25 10 06	11.0	−1.0 M	10 M	760913	
AFGL 1003	6 41 26	+77 02 18	11.0	−0.4 M	10 M	"	
AFGL 1004	6 41 35.4	+29 01 24	8.4	2.03 M	17 s	790401	
"	"	"	11.2	1.88 M	17 s	"	
"	"	"	12.5	1.65 M	17 s	"	
PARSAMYAN 15	6 42 15.5	+ 3 01 18	10	5.0 MU	11 s	741017	
FIRSSE 186	6 41 19	− 1 04 48	20	96 J	10 M	830201	
"	"	"	27	174 J	10 M	"	
"	"	"	93	856 J	10 M	"	
XI GEM	6 42 28.9	+12 57 03	8.4	2.1 M	11 s	700906	CSI 79
"	"	"	8.6	2.1 M	–	721203	"
"	"	"	11.0	2.2 M	11 s	700906	"
"	"	"	11.3	2.2 M	–	721203	"
AFGL 1007	6 42 48	−16 37 30	11.0	−1.4 M	10 M	760913	
OH 471	6 42 53.1	+44 54 31	1000	−3.1 J	55 s	780210	809908
ALF CMA	6 42 56.7	−16 38 45	5.0	−1.40 M	–	700302	CSI 79
"	"	"	5.0	−1.26 C	–	640501	"
"	"	"	8.0	−1.39 M	9 s	800610	"
"	"	"	8.4	−1.42 M	–	730002	"
"	"	"	8.4	−1.43 M	–	710403	"
"	"	"	8.6	−1.37 M	V	710701	"
"	"	"	8.6	−1.37 M	–	720202	"
"	"	"	8.7	−1.46 M	11 s	740807	"
"	"	"	8.78	−1.39 M	9 s	800610	"
"	"	"	9.78	−1.39 M	9 s	"	"
"	"	"	10	7.68 F	5.9 s	640201	"
"	"	"	10	−1.39 M	9 s	800610	"
"	"	"	10	−1.37 M	11 s	740807	"
"	"	"	10	−1.41 M	–	800207	"
"	"	"	10.1	−1.22 M	15 s	681101	"
"	"	"	10.2	−1.34 M	–	730002	"
"	"	"	10.2	0.98 M	–	700302	"
"	"	"	10.4	−1.27 C	–	640501	"
"	"	"	10.60	−1.39 M	9 s	800610	"
"	"	"	10.7	−1.33 M	–	720202	"
"	"	"	10.8	−1.33 M	V	710701	"
"	"	"	11	−1.59 M	–	710403	"
"	"	"	11.2	−1.30 M	–	730002	"
"	"	"	11.4	−1.49 M	11 s	740807	"
"	"	"	11.67	−1.39 M	9 s	800610	"
"	"	"	12.2	−1.35 M	V	710701	"
"	"	"	12.2	−1.35 M	–	720202	"
"	"	"	12.69	−1.39 M	9 s	800610	"
"	"	"	17.5	−1.47 M	V	710701	"
"	"	"	18	−1.4 M	–	720202	"
"	"	"	20	−1.49 M	9 s	731104	"
"	"	"	20	−1.39 M	9 s	800610	"
"	"	"	22.0	−1.40 M	–	700302	"
FIRSSE 187	6 42 59	−16 39 18	20	40 J	10 M	830201	
AFGL 4528S	6 44 07	+49 19 42	19.8	−3.1 M	10 M	770706	
FIRSSE 188	6 44 15	+ 1 20 30	20	35 J	10 M	830201	
"	"	"	27	49 J	10 M	"	
"	"	"	93	1565 J	10 M	"	
MARK 6	6 45 43.4	+74 29 07	10	−23.8 H	V	760401	739901
"	"	"	10.6	0.16 J	3.9 s	781209	"
PZ MON	6 45 45.9	+ 1 16 31	11.0	3.0 MU	11 s	730005	CSI 79
AFGL 1017	6 47 04	+ 3 01 24	8.4	0.2 M	17 s	800213	AFGL
"	"	"	11.0	−1.3 M	10 M	760913	
"	"	"	11.2	−0.3 M	17 s	800213	AFGL
"	"	"	12.5	−0.1 M	17 s	"	"
AFGL 4535S	6 47 05	+12 09 36	19.8	−2.8 M	10 M	770706	
AFGL 4064	6 47 17	−66 50 30	19.8	−5.0 M	10 M	760913	
"	"	"	27.4	−7.0 M	10 M	"	
KAP CMA	6 47 58.3	−32 26 57	10.2	2.0 M	12 s	820309	CSI 79
AFGL 1020	6 49 01	+ 5 49 30	19.8	−5.0 M	10 M	760913	
AFGL 1021	6 49 17	+61 04 30	8.6	0.7 M	26 s	800213	AFGL
"	"	"	10.7	0.6 M	26 s	"	"
"	"	"	11.0	−0.6 M	10 M	760913	
"	"	"	12.2	0.6 M	26 s	800213	AFGL
AFGL 1022	6 49 21	+ 4 49 06	11.0	−0.8 M	10 M	760913	
AFGL 1023	6 49 23	−33 27 00	19.8	−4.1 M	10 M	"	
FIRSSE 189	6 50 00	+ 8 28 42	20	559 J	10 M	830201	
"	"	"	27	445 J	10 M	"	

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
"	h m s	° ′ ″	93	51 J	10 M	"	
AFGL 1028	6 50 07	+ 8 27 54	11.0	−2.6 M	10 M	760913	
"	"	"	19.8	−4.0 M	10 M	"	
M1-8	6 50 56.5	+ 3 12 11	10	4.0 MU	11 s	741009	769910
AFGL 1031S	6 51 03	−10 01 24	19.8	−3.1 M	10 M	770706	
AFGL 4540S	6 51 26	+33 15 24	19.8	−3.6 M	10 M	"	
OMI 1 CMA	6 52 03.3	−24 07 11	8.4	0.0 M	11 s	700906	CSI 79
"	"	"	8.4	0.00 C	–	710405	"
"	"	"	8.4	0.00 M	–	710403	"
"	"	"	8.7	0.03 M	–	741105	"
"	"	"	10.0	0.00 M	–	"	"
"	"	"	11	−0.23 M	–	710403	"
"	"	"	11.0	−0.2 M	11 s	700906	"
"	"	"	11.0	−0.23 C	–	710405	"
"	"	"	11.4	−0.06 M	–	741105	"
"	"	"	12.6	−0.06 M	–	"	"
"	"	"	19.5	−0.60 M	–	"	"
HD 50896	6 52 08.0	−23 51 50	8.7	4.19 M	11 s	741202	CSI 79
"	"	"	10	3.85 M	V	750505	"
"	"	"	10	4.00 M	11 s	741202	"
"	"	"	11.4	4.03 M	11 s	"	"
AFGL 1037S	6 52 40	−14 47 00	11.0	−2.4 M	10 M	770706	
AFGL 1038	6 53 04	+ 6 24 54	11.0	−1.2 M	10 M	760913	
AFGL 1039	6 53 09.7	− 2 16 18	8.4	0.31 M	17 s	790401	
"	"	"	11.2	−0.03 M	17 s	"	
"	"	"	12.5	0.05 M	17 s	"	
MARK 374	6 55 33.9	+54 15 53	10.6	0.025 J	–	781209	739901
AFGL 1045	6 55 35	+ 6 15 18	19.8	−2.7 M	10 M	760913	
PARSAMYAN 17	6 55 37.6	− 7 52 35	10	2.8 M	11 s	741017	
"	"	"	11.3	2.9 M	11 s	"	
"	"	"	18	0.9 M	11 s	"	
RV MON	6 55 40.7	+ 6 14 07	8.4	0.27 C	–	710203	CSI 79
"	"	"	8.6	0.2 M	–	721103	"
"	"	"	10.8	−0.1 M	–	"	"
"	"	"	11.0	−0.27 C	–	710203	"
FIRSSE 190	6 55 52	−13 58 18	20	346 J	10 M	830201	
"	"	"	27	260 J	10 M	"	
"	"	"	93	18 J	10 M	"	
AFGL 1047S	6 55 54	−19 12 06	11.0	−1.2 M	10 M	770706	
FIRSSE 191	6 56 16	+ 3 39 06	20	32 J	10 M	830201	
"	"	"	93	23 J	10 M	"	
AFGL 1050	6 57 00	+55 23 36	8.4	0.6 M	11 s	800213	AFGL
"	"	"	8.4	1.0 M	17 s	"	"
"	"	"	8.6	1.1 M	26 s	"	"
"	"	"	10.7	0.7 M	26 s	"	"
"	"	"	11.2	0.0 M	11 s	"	"
"	"	"	11.2	0.1 M	17 s	"	"
"	"	"	12.2	0.7 M	26 s	"	"
"	"	"	12.5	0.4 M	17 s	"	"
"	"	"	18	−1.0 M	26 s	"	"
R LYN	6 57 10.8	+55 24 07	8.4	0.59 C	–	710203	779907
"	"	"	11.0	0.04 C	–	"	"
PARSAMYAN 18	6 57 16.7	− 7 41 54	8.6	3.4 M	11 s	741017	
"	"	"	10	2.6 M	11 s	"	
"	"	"	11.3	3.0 M	11 s	"	
"	"	"	18	−1.6 M	11 s	"	
"	"	"	22	−2.2 M	11 s	"	
FIRSSE 192	6 57 21	− 7 40 48	20	108 J	10 M	830201	
"	"	"	27	199 J	10 M	"	
"	"	"	93	697 J	10 M	"	
AFGL 1052	6 58 17	+30 35 18	19.8	−3.8 M	10 M	760913	
AFGL 4066	6 58 59	−76 55 12	11.0	−1.6 M	10 M	"	
"	"	"	19.8	−2.9 M	10 M	"	
FIRSSE 193	6 59 26	−11 13 24	20	26 J	10 M	830201	
"	"	"	40	481 J	10 M	"	
"	"	"	93	1037 J	10 M	"	
CMA R1 #3	6 59 28.8	−11 16 18	10	4.3 M	–	820108	
AFGL 1057	6 59 38	−27 52 24	11.0	−1.4 M	10 M	760913	
"	"	"	19.8	−2.4 M	10 M	"	
222+0	7 00	− 8 00	800	1.0E5 EE	5.2 D	820114	ED
OMI 2 CMA	7 00 56.1	−23 45 31	10	2.76 M	11 s	770504	CSI 79
FIRSSE 194	7 01 21	−11 29 12	20	176 J	10 M	830201	
"	"	"	27	178 J	10 M	"	
"	"	"	93	373 J	10 M	"	
AFGL 1059	7 01 22	−11 28 42	8.4	−0.6 M	17 s	800213	AFGL
"	"	"	8.6	−0.5 MV	26 s	"	"
"	"	"	10.7	−1.0 MV	26 s	"	"
"	"	"	11.0	−1.8 M	10 M	760913	
"	"	"	11.2	−1.2 MV	17 s	800213	AFGL
"	"	"	12.2	−1.4 MV	26 s	"	"
"	"	"	12.5	−1.6 M	17 s	"	"
"	"	"	18	−2.7 MV	26 s	"	"
"	"	"	19.8	−3.0 M	10 M	760913	
Z CMA	7 01 22.5	−11 28 34	5.0	1.43 M	–	700302	CSI 79
"	"	"	8	S	–	800509	"
"	"	"	8.4	−0.6 M	11 s	730006	"
"	"	"	8.4	−0.57 MV	13 s	760107	"
"	"	"	8.4	−0.6 M	–	710202	"
"	"	"	8.5	−0.77 M	–	800509	"
"	"	"	8.6	−0.5 M	11 s	730006	"
"	"	"	10.2	−0.30 M	–	700302	"
"	"	"	10.8	−1.1 M	11 s	730006	"
"	"	"	11.0	−1.2 M	11 s	"	"
"	"	"	11.0	−1.35 M	–	710202	"
"	"	"	11.1	−1.26 MV	13 s	760107	"
"	"	"	11.1	−1.30 M	–	800509	"
"	"	"	11.3	−1.4 M	11 s	730006	"
"	"	"	12.3	−1.43 M	–	800509	"
"	"	"	12.8	−1.5 M	11 s	730006	"
"	"	"	18	−2.8 M	11 s	"	"
"	"	"	20	−3.2 M	11 s	"	"
"	"	"	20	1.65 F	13 s	770902	"
"	"	"	20	−3.13 M	–	741002	"
"	"	"	22	−2.9 M	11 s	730006	"
"	"	"	22.0	−2.40 M	–	700302	"
"	"	"	25	0.92 F	13 s	770902	"
"	7 01 22.6	−11 28 36	10	−1.04 M	–	820108	
"	"	"	19.5	−2.9 M	–	"	
FIRSSE 195	7 01 47	−11 13 48	20	61 J	10 M	830201	
"	"	"	27	110 J	10 M	"	
"	"	"	93	316 J	10 M	"	
AFGL 4556S	7 01 59	− 9 54 54	11.0	−1.1 M	10 M	770706	
FIRSSE 196	7 02 01	−10 22 36	20	53 J	10 M	830201	
"	"	"	27	87 J	10 M	"	
"	"	"	40	366 J	10 M	"	
"	"	"	93	550 J	10 M	"	
HD 53367	7 02 03.5	−10 22 42	8.7	3.78 M	–	780704	CSI 79
"	"	"	10	4.66 M	–	"	"

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
"	h m s	° ′ ″	11.4	3.68 M	-	"	"
"	7 02 04.0	−10 22 44	10	3.97 M	-	820108	
AFGL 1060	7 02 08	− 8 53 06	8.6	−0.6 M	26 s	800213	AFGL
"	"	"	10.7	−1.6 M	26 s	"	"
"	"	"	11.0	−1.4 M	10 M	760913	
AFGL 4558S	7 02 31	−68 06 54	11.0	−2.3 M	10 M	770706	
"	"	"	19.8	−3.2 M	10 M	"	
AFGL 1062	7 02 40	−14 57 06	8.6	1.9 M	26 s	800213	AFGL
"	"	"	10.7	0.9 M	26 s	"	"
"	"	"	11.0	−1.3 M	10 M	760913	
"	"	"	12.2	0.2 M	26 s	800213	AFGL
"	"	"	18	−0.1 M	26 s	"	"
M1-9	7 02 42.5	+ 2 51 35	10	5.0 MU	11 s	741009	739909
FIRSSE 197	7 02 57	−12 14 30	20	60 J	10 M	830201	
"	"	"	27	142 J	10 M	"	
"	"	"	93	1448 JL	10 M	"	
AFGL 1063S	7 03 16	−40 58 42	19.8	−4.3 M	10 M	770706	
AFGL 1064	7 03 21	−35 51 24	11.0	−1.8 M	10 M	760913	
"	"	"	19.8	−3.2 M	10 M	"	
IRC+30174	7 03 47	+31 40 12	10.7	−0.7 MU	-	740705	IRC
AFGL 4562S	7 04 07	+33 21 00	11.0	−1.1 M	10 M	770706	
"	"	"	19.8	−3.1 M	10 M	"	
AFGL 1068S	7 04 09	+28 22 42	19.8	−3.0 M	10 M	"	
AFGL 4563S	7 04 10	+32 32 36	11.0	−1.3 M	10 M	"	
AFGL 4564S	7 04 15	−24 33 42	11.0	−1.1 M	10 M	"	
HD 53974	7 04 19.8	−11 12 57	10	4.9 M	-	820108	
R GEM	7 04 20.7	+22 46 56	8.4	0.76 C	-	710405	CSI 79
"	"	"	8.4	0.76 C	-	710203	"
"	"	"	8.4	0.70 CV	-	750104	"
"	"	"	11	0.36 CV	-	"	"
"	"	"	11.0	0.58 C	-	710203	"
"	"	"	11.0	0.58 C	-	710405	"
AFGL 1070	7 04 31	− 7 29 30	8.6	−0.2 M	26 s	800213	AFGL
"	"	"	10.7	−0.4 M	26 s	"	"
"	"	"	11.0	−1.2 M	10 M	760913	
"	"	"	12.2	−0.7 M	26 s	800213	AFGL
"	"	"	18	−1.1 M	26 s	"	"
AFGL 1072	7 04 57	+66 01 30	8.6	0.6 M	26 s	"	AFGL
"	"	"	10.7	−0.2 M	26 s	"	"
"	"	"	11.0	−1.9 M	10 M	760913	
"	"	"	12.2	−0.1 M	26 s	800213	AFGL
"	"	"	18	−1.0 M	26 s	"	"
AFGL 1074	7 05 26	−10 39 30	8	S	17 s	790401	
"	"	"	8.4	0.42 M	17 s	"	
"	"	"	11.2	−0.42 M	17 s	"	
"	"	"	12.5	−0.52 M	17 s	"	
"	7 05 27	−10 39 18	8.4	0.5 M	17 s	800213	AFGL
"	"	"	8.6	−1.0 M	26 s	"	"
"	"	"	10.7	−0.5 M	26 s	"	"
"	"	"	11.0	−1.8 M	10 M	760913	
"	"	"	11.2	−0.7 M	17 s	800213	AFGL
"	"	"	12.2	−0.1 M	26 s	"	"
"	"	"	12.5	−0.4 M	17 s	"	"
"	"	"	19.8	−3.2 M	10 M	760913	
AFGL 1075	7 05 43	−11 50 36	11.0	−1.3 M	10 M	"	
AFGL 4567S	7 05 45	+10 06 48	8.4	1.4 M	11 s	800213	770706
"	"	"	11.2	1.0 M	11 s	"	"
R CMI	7 05 57.5	+10 06 14	8.4	1.41 C	-	710203	CSI 79
"	"	"	8.6	1.6 M	-	721103	"
"	"	"	10.8	0.8 M	-	"	"
"	"	"	11.0	0.97 C	-	710203	"
"	"	"	12.2	1.4 M	-	721103	"
DEL CMA	7 06 21.3	−26 18 45	8.4	0.0 M	11 s	700906	CSI 79
"	"	"	8.4	−0.03 M	-	710403	"
"	"	"	8.7	0.10 M	-	741105	"
"	"	"	10.0	0.21 M	-	"	"
"	"	"	11	−0.06 M	-	710403	"
"	"	"	11.0	−0.1 M	11 s	700906	"
"	"	"	11.4	0.19 M	-	741105	"
"	"	"	12.6	0.36 M	-	"	"
"	"	"	19.5	−0.68 MU	-	"	"
R VOL	7 06 32.3	−72 56 07	10	−2.13 M	9 s	790804	CSI 79
"	"	"	20	−2.46 M	9 s	"	"
"	"	"	20	−2.46 M	-	821005	"
AFGL 4070	7 06 33	−72 54 54	11.0	−2.3 M	10 M	760913	
NGC 2346	7 06 49.2	− 0 43 24	10	4.47 M	11 s	751104	739909
"	"	"	18	1.80 MU	11 s	"	"
FIRSSE 198	7 06 53	−10 47 12	20	38 J	10 M	830201	
"	"	"	27	71 J	10 M	"	
"	"	"	93	193 J	10 M	"	
FIRSSE 199	7 07 43	−18 26 54	20	63 J	10 M	"	
"	"	"	27	58 J	10 M	"	
"	"	"	93	531 J	10 M	"	
AFGL 1081	7 08 21	+39 24 42	11.0	−2.0 M	10 M	760913	
M1-11	7 09 05.4	−19 45 55	8	S	5.3 s	820715	739909
"	"	"	8.6	2.9 M	-	740708	"
"	"	"	8.6	3.0 M	-	741009	"
"	"	"	10	1.9 M	-	"	"
"	"	"	10.8	1.3 M	-	"	"
"	"	"	11.3	1.2 M	-	"	"
"	"	"	11.3	1.0 M	-	740708	"
"	"	"	12.8	0.8 M	-	741009	"
"	"	"	18	−1.1 M	-	740708	"
"	"	"	18	−0.6 M	-	741009	"
"	"	"	22	−1.1 M	-	"	"
FIRSSE 200	7 09 08	−19 44 54	20	49 J	10 M	830201	
"	"	"	27	67 J	10 M	"	
"	"	"	93	86 J	10 M	"	
AFGL 4570S	7 09 37	+34 39 54	11.0	−1.3 M	10 M	770706	
AFGL 4573S	7 09 53	− 9 17 54	19.8	−2.6 M	10 M	"	
CRL 1085	7 09 54.9	−20 13 06	11	170 J	-	760605	
AFGL 4574S	7 09 55	+14 42 06	19.8	−2.3 M	10 M	770706	
AFGL 1085	7 09 55	−20 13 18	8.4	−0.9 MV	17 s	800213	AFGL
CRL 1085	"	"	8.4	−0.9 C	18 s	761210	"
AFGL 1085	"	"	11.0	−2.1 M	10 M	760913	
"	"	"	11.2	−1.5 MV	17 s	800213	AFGL
CRL 1085	"	"	11.2	−1.5 C	18 s	761210	"
AFGL 1085	"	"	12.5	−1.5 MV	17 s	800213	"
CRL 1085	"	"	12.5	−1.6 C	18 s	761210	"
FIRSSE 201	7 09 57	−20 11 00	20	71 J	10 M	830201	
"	"	"	27	58 J	10 M	"	
"	"	"	93	51 J	10 M	"	
AFGL 1086	7 10 28	+16 14 54	11.0	−0.9 M	10 M	760913	
MARK 376	7 10 35.8	+45 47 07	10.6	0.077 J	-	781209	739901
AFGL 1088S	7 11 02	− 6 02 12	11.0	−1.3 M	10 M	770706	
AFGL 4577S	7 11 41	+60 09 48	19.8	−2.0 M	10 M	"	
L2 PUP	7 12 00.6	−44 33 26	20	−5.06 M	-	821005	CSI 79
AFGL 1090S	7 12 36	− 9 31 00	19.8	−3.6 M	10 M	770706	

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
	h m s	° ′ ″					
FIRSSE 202	7 14 11	− 9 20 36	20	32 J	10 M	830201	
"	"	"	93	258 J	10 M	"	
AFGL 1094	7 14 25	+48 36 12	8.6	0.5 M	26 s	800213	AFGL
"	"	"	10.7	0.0 M	26 s	"	"
"	"	"	11.0	−0.4 M	10 M	760913	
"	"	"	12.2	0.0 M	26 s	800213	AFGL
"	"	"	18	−0.5 M	26 s	"	"
AFGL 1098	7 15 02	+38 09 12	11.0	−1.2 M	10 M	760913	
AFGL 1099	7 15 14	−34 44 42	11.0	−2.1 M	10 M	"	
FIRSSE 203	7 15 54	−21 59 42	20	24 J	10 M	830201	
"	"	"	93	29 J	10 M	"	
HD 56925	7 16 12.9	−13 08 15	10	4.8 MU	V	750505	CSI 79
RU CAM	7 16 20.2	+69 45 54	10	5.24 MU	-	741008	779907
"	"	"	11.0	3.1 MU	11 s	700906	"
AFGL 1101	7 16 21	−15 44 54	8.6	2.4 M	26 s	800213	AFGL
AFGL 1102	7 16 34	+79 52 42	11.0	−0.5 M	10 M	760913	
"	"	"	19.8	−3.4 M	10 M	"	
UW CMA	7 16 35.3	−24 27 57	10.7	−0.4 MU	-	730303	CSI 79
TAU CMA	7 16 37.9	−24 51 41	10.7	0.9 MU	-	"	CSI 79
AFGL 1103	7 16 56	+22 03 06	11.2	2.4 M	17 s	800213	AFGL
M1-12	7 17 12.0	−21 38 17	10	3.25 M	11 s	741009	739909
"	"	"	18	1.0 MU	11 s	"	"
AFGL 4588S	7 18 25	+35 00 18	19.8	−2.8 M	10 M	770706	
AFGL 1107S	7 19 08	−11 21 18	19.8	−3.3 M	10 M	"	
AFGL 4593S	7 19 37	−14 49 24	11.0	−1.0 M	10 M	"	
230+0	7 20	−15 00	800	1.4E5 EE	5.2 D	820114	ED
AFGL 1110	7 20 37	+82 31 00	11.0	−1.3 M	10 M	760913	
"	7 20 41.0	+82 30 50	10.6	−0.3 MV	-	790106	
VY CMA	7 20 54.5	−25 40 10	5	D	-	751103	CSI 79
"	"	"	5.0	−3.91 M	-	700502	"
"	"	"	5.0	−3.94 M	-	700302	"
"	"	"	7	S	10 s	740303	"
"	"	"	8	S	-	760609	"
"	"	"	8.30	S	-	790512	"
"	"	"	8.4	−5.3 C	-	760610	"
"	"	"	8.4	−5.6 C	-	710405	"
"	"	"	8.5	−5.8 M	-	700907	"
"	"	"	8.6	−5.26 M	-	720202	"
"	"	"	8.7	−5.26 M	13 s	761006	"
"	"	"	10	P	-	720803	"
"	"	"	10	−5.9 ME	-	740408	"
"	"	"	10.1	−5.81 C	-	720001	"
"	"	"	10.1	−5.7 M	-	691102	"
"	"	"	10.2	−6.01 M	-	700502	"
"	"	"	10.2	−6.08 M	-	700302	"
"	"	"	10.5	S	1.7 s	800904	"
"	"	"	10.7	−6.29 M	-	720202	"
"	"	"	11	D	-	771008	"
"	"	"	11.0	−6.6 C	-	710405	"
"	"	"	11.2	−6.3 C	-	760610	"
"	"	"	11.3	−6.6 M	-	721203	"
"	"	"	11.4	−6.6 M	-	700907	"
"	"	"	11.5	−6.01 M	13 s	761006	"
"	"	"	12.2	−6.39 M	-	720202	"
"	"	"	12.5	−6.3 C	-	760610	"
"	"	"	16	S	30 s	791015	"
"	"	"	18	−7.2 M	-	720202	"
"	"	"	19.5	−8.01 C	-	720001	"
"	"	"	19.5	−8.0 M	-	691102	"
"	"	"	20	−7.54 M	9 s	731104	"
"	"	"	20	−7.39 M	10 s	721002	"
"	"	"	20	75 FV	30 s	791015	"
"	"	"	20	−7.6 M	-	751002	"
"	"	"	22	−7.82 M	-	700502	"
"	"	"	22.0	−7.92 M	-	700302	"
"	"	"	25	−7.8 M	-	751002	"
"	"	"	33	−7.8 M	-	"	"
FIRSSE 204	7 20 55	−25 39 48	20	9393 J	10 M	830201	
"	"	"	27	7260 J	10 M	"	
"	"	"	40	6652 J	10 M	"	
"	"	"	93	1406 J	10 M	"	
VY CMA	7 20 55	−25 40 11	1230	26.6 JU	-	760601	
AFGL 1111	7 20 56	−25 41 00	8.4	−5.3 M	17 s	800213	AFGL
"	"	"	8.6	−5.5 M	8.5 s	"	"
"	"	"	8.6	−5.3 MV	-	"	"
"	"	"	10.7	−6.0 M	8.5 s	"	"
"	"	"	10.7	−6.2 MV	-	"	"
"	"	"	11.0	−6.0 M	10 M	760913	
"	"	"	11.2	−6.3 M	17 s	800213	AFGL
"	"	"	12.2	−6.1 M	8.5 s	"	"
"	"	"	12.2	−6.4 MV	-	"	"
"	"	"	12.5	−6.3 M	17 s	"	"
"	"	"	18	−6.1 M	8.5 s	"	"
"	"	"	18	−7.2 MV	-	"	"
"	"	"	19.8	−7.7 M	10 M	760913	
ZZ CMI	7 21 29.9	+ 8 59 54	5.0	2.39 M	-	700302	CSI 79
"	"	"	10.2	1.12 M	-	"	"
"	"	"	22.0	1.37 M	-	"	"
ETA CMA	7 22 06.9	−29 12 14	10	2.57 M	11 s	770504	CSI 79
NGC 2371/2	7 22 25.5	+29 35 23	10	4.4 MU	11 s	741009	749905
AFGL 1114	7 22 44	+27 54 06	11.0	−0.8 M	10 M	760913	
IRC+30184	7 23 00	+33 28 12	8.6	0.7 MU	-	740705	IRC
"	"	"	10.7	−0.3 M	-	"	"
AFGL 1117	7 23 01	+33 27 42	8.6	0.7 MU	26 s	800213	AFGL
"	"	"	10.7	−0.3 M	26 s	"	"
"	"	"	19.8	−2.7 M	10 M	760913	
AFGL 1118	7 23 12	− 5 45 18	19.8	−3.0 M	10 M	"	
NGC 2366	7 23 34.2	+69 18 42	1670	24.4 JU	1 M	761201	769909
M3-3	7 24 06.3	− 5 16 00	10	4.2 MU	11 s	741009	739909
BET CMI	7 24 26.3	+ 8 23 28	8.7	2.61 M	11 s	740807	CSI 79
"	"	"	10	2.49 M	11 s	"	"
"	"	"	11.4	2.25 M	11 s	"	"
"	"	"	12.6	2.26 M	11 s	"	"
Y LYN	7 24 33.5	+46 05 35	8.4	−0.92 C	-	710203	779907
"	"	"	11	−1.40 M	-	710403	"
"	"	"	11.0	−1.71 C	-	710203	"
"	"	"	20	−2.17 M	-	741002	"
AFGL 1120	7 24 39	+46 05 48	8.4	−0.9 M	11 s	800213	AFGL
"	"	"	11.0	−1.6 M	10 M	760913	
"	"	"	11.2	−1.7 M	11 s	800213	AFGL
AFGL 1125S	7 25 15	−26 45 24	11.0	−1.5 M	10 M	770706	
"	"	"	19.8	−3.3 M	10 M	"	
AFGL 4072	7 25 22	−66 44 00	11.0	−2.7 M	10 M	760913	
AFGL 1126S	7 25 23	+68 33 12	11.0	−1.9 M	10 M	770706	
NGC 2392	7 26 13.2	+21 00 51	10	5.3 MU	4 s	741009	739909
"	"	"	10	5.0 MU	11 s	"	"
"	"	"	11	2.7 JU	11 s	720301	"
"	"	"	11	2.8 MU	11 s	741009	"

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
"	h m s	° ′ ″	11	2.7 JU	–	720301	"
"	"	"	18	1.1 MU	11 s	741009	"
"	"	"	37	16 J	27 s	800604	"
"	"	"	52	38 J	55 s	"	"
"	"	"	70	13 J	27 s	"	"
"	"	"	108	18 J	55 s	"	"
AFGL 1131	7 26 54	−19 20 48	8.4	−0.7 M	17 s	800213	AFGL
"	"	"	11.0	−1.2 M	10 M	760913	"
"	"	"	11.2	−1.1 M	17 s	800213	AFGL
"	"	"	12.5	−0.9 M	17 s	"	"
FJ2	7 27	− 9 48	100	4E5 X	.56 D	701104	"
0727-11	7 27	−11	1670	26.0 JU	1 M	761201	ED
AFGL 1131	7 27 01	−19 21 24	8	S	17 s	790401	"
"	"	"	8.4	−0.82 M	17 s	"	"
"	"	"	11.2	−1.33 M	17 s	"	"
"	"	"	12.5	−1.25 M	17 s	"	"
AFGL 1133	7 27 11	+50 07 54	19.8	−3.9 M	10 M	760913	"
FIRSSE 205	7 27 28	−17 45 06	93	77 J	10 M	830201	"
FIRSSE 206	7 27 39	−18 04 48	93	54 J	10 M	"	"
FIRSSE 207	7 27 58	−18 28 36	20	138 J	10 M	"	"
"	"	"	27	257 J	10 M	"	"
"	"	"	93	1001 J	10 M	"	"
FIRSSE 208	7 28 07	−17 49 42	93	78 J	10 M	"	"
AFGL 1135	7 28 08	− 9 38 42	8.4	−0.6 M	17 s	800213	AFGL
"	"	"	11.0	−1.6 M	10 M	760913	"
"	"	"	11.2	−1.3 M	17 s	800213	AFGL
"	"	"	12.5	−1.4 M	17 s	"	"
AFGL 1136	7 28 17	+20 37 24	11.0	−0.1 M	10 M	760913	"
U MON	7 28 24.2	− 9 40 14	8.4	−0.7 M	11 s	700906	CSI 79
"	"	"	8.6	−0.5 M	–	721203	"
"	"	"	10.8	−1.5 M	–	"	"
"	"	"	11.0	−1.6 M	11 s	700906	"
"	"	"	11.3	−1.5 M	–	721203	"
"	"	"	12.8	−1.5 M	–	"	"
"	"	"	18	−2.1 M	–	"	"
"	"	"	20	−2.34 M	–	741002	"
"	"	"	20	−2.2 M	–	721203	"
"	"	"	22	−2.3 M	–	"	"
FIRSSE 209	7 28 25	−15 10 24	20	25 J	10 M	830201	"
"	"	"	93	120 J	10 M	"	"
FIRSSE 210	7 28 27	− 9 38 48	20	77 J	10 M	"	"
"	"	"	27	61 J	10 M	"	"
"	"	"	93	48 J	10 M	"	"
FIRSSE 211	7 28 35	−17 34 36	93	80 J	10 M	"	"
FIRSSE 212	7 29 40	−19 14 48	20	28 J	10 M	"	"
"	"	"	27	58 J	10 M	"	"
"	"	"	93	518 J	10 M	"	"
FIRSSE 213	7 29 51	−16 51 24	20	117 J	10 M	"	"
"	"	"	27	269 J	10 M	"	"
"	"	"	40	875 J	10 M	"	"
"	"	"	93	1934 JL	10 M	"	"
233+0	7 30	−17 40	800	1.2E5 EE	5.2 D	820114	ED
AFGL 1138	7 30 01	+ 8 26 18	11.0	−1.6 M	10 M	760913	"
Z PUP	7 30 28.3	−20 33 12	6.3	100 J	–	790402	CSI 79
"	"	"	20	−2.56 M	–	821005	"
AFGL 1140	7 30 34	−20 34 42	11.0	−1.8 M	10 M	760913	"
IRC+30187	7 30 44	+30 37 12	8.4	−0.6 CV	–	760610	IRC
"	"	"	8.6	−1.5 M	–	740705	"
"	"	"	10	−1.4 M	–	"	"
"	"	"	10.7	−2.4 M	–	"	"
"	"	"	11.2	−1.6 CV	–	760610	"
"	"	"	12.2	−1.8 M	–	740705	"
"	"	"	12.5	−1.4 CV	–	760610	"
AFGL 1141	7 30 45	+30 37 48	8.4	−0.8 MV	17 s	800213	AFGL
"	"	"	8.6	−0.9 MV	26 s	"	"
"	"	"	10.6	−1.4 M	26 s	"	"
"	"	"	10.7	−1.8 MV	26 s	"	"
"	"	"	11.0	−1.9 M	10 M	760913	"
"	"	"	11.2	−1.7 MV	17 s	800213	AFGL
"	"	"	11.3	−1.3 M	8.5 s	"	"
"	"	"	12.2	−1.6 MV	26 s	"	"
"	"	"	12.5	−1.6 MV	17 s	"	"
"	"	"	18	−2.3 MV	26 s	"	"
"	"	"	18	−1.9 M	8.5 s	"	"
AFGL 4609S	7 30 59	+18 31 18	11.0	−1.4 M	10 M	770706	"
FIRSSE 215	7 31 14	−21 56 36	27	60 J	10 M	830201	"
"	"	"	93	461 J	10 M	"	"
FIRSSE 214	7 31 14	−22 03 30	20	34 J	10 M	"	"
"	"	"	27	83 J	10 M	"	"
"	"	"	93	94 J	10 M	"	"
ALF GEM	7 31 24.6	+32 00 00	5.0	1.27 M	–	700302	CSI 79
"	"	"	10.2	1.44 M	–	"	"
AFGL 1145	7 31 25	−14 24 00	19.8	−3.0 M	10 M	760913	"
AFGL 4610S	7 31 26	+31 19 30	11.0	−1.4 M	10 M	770706	"
YY GEM	7 31 26.1	+31 58 49	8.7	4.76 C	10 s	741205	779907
"	"	"	10.0	5.11 C	10 s	"	"
IRC-10169	7 31 29	−14 24 54	5.0	0.50 M	–	700302	IRC
"	"	"	10.2	0.12 M	–	"	"
"	"	"	22.0	0.13 M	–	"	"
NGC 2403	7 32 05.5	+65 42 40	1670	20.4 JU	1 M	761201	769909
FIRSSE 216	7 32 30	−22 16 18	93	49 J	10 M	830201	"
MARK 9	7 32 42.0	+58 53 00	10	0.1 JU	V	700306	739901
"	"	"	10	−23.8 H	V	760401	"
"	"	"	10	0.21 J	6 s	720901	"
"	"	"	10.6	0.146 J	–	781209	"
"	"	"	21	0.47 J	–	"	"
"	"	"	1000	1.3 JV	55 s	780210	"
AFGL 1150	7 32 58	+27 02 18	11.0	−1.2 M	10 M	760913	"
AFGL 1151	7 33 02	−23 53 30	11.0	−1.8 M	10 M	"	"
AFGL 4613S	7 33 06	−18 37 36	19.8	−3.3 M	10 M	770706	"
FIRSSE 217	7 33 21	−22 15 18	20	18 J	10 M	830201	"
"	"	"	93	161 J	10 M	"	"
FIRSSE 218	7 33 22	−18 40 42	20	35 J	10 M	"	"
"	"	"	27	124 J	10 M	"	"
"	"	"	40	797 J	10 M	"	"
"	"	"	93	698 J	10 M	"	"
AFGL 4616S	7 33 50	+40 08 42	11.0	−0.7 M	10 M	770706	"
BN GEM	7 34 13.3	+17 01 00	10	3.54 MU	11 s	770504	CSI 79
NGC 2419	7 34 48	+39 00	10	4.4 MU	11 s	741110	RNGC
M1-16	7 34 54.9	− 9 31 55	10	3.9 MU	11 s	741009	739909
0735+178	7 35 14.1	+17 49 11	10.5	0.13 JV	–	740904	809908
P 0735+178	"	"	10.6	0.096 JV	–	771203	"
"	"	"	21	0.26 JV	–	"	"
OI 158	"	"	1000	1.2 J	55 s	821106	"
0735+17	"	"	1000	2.5 JU	–	800818	"
"	"	"	1670	15.8 JU	1 M	761201	"
AFGL 1156S	7 35 27	+13 46 12	19.8	−2.8 M	10 M	770706	"
FIRSSE 219	7 35 52	−32 44 48	20	37 J	10 M	830201	"
"	"	"	27	91 J	10 M	"	"
"	"	"	93	114 J	10 M	"	"
IRC+40182	7 36 08	+36 54 42	10.7	0.5 MU	–	740705	IRC
AFGL 4617S	7 36 32	+36 52 42	10.7	0.5 MU	26 s	800213	770706
AFGL 4618S	7 36 41	+43 33 30	11.0	−1.2 M	10 M	770706	"
"	"	"	19.8	−3.2 M	10 M	"	"
ALF CMI	7 36 41.0	+ 5 21 16	5.0	−0.64 C	–	640501	CSI 79
"	"	"	5.0	−0.84 M	–	700302	"
"	"	"	8.4	−0.80 M	–	710403	"
"	"	"	10	4.96 F	5.9 s	640201	"
"	"	"	10.2	−0.93 M	–	700302	"
"	"	"	10.4	−0.79 C	–	640501	"
"	"	"	11	−0.86 M	–	710403	"
"	"	"	20	−1.01 M	–	741002	"
"	"	"	22.0	−1.13 M	–	700302	"
AFGL 1159	7 36 42	− 8 21 06	19.8	−3.9 M	10 M	760913	"
PKS 0736+01	7 36 42.5	+ 1 44 00	1000	1.0 J	55 s	821106	809908
0736+01	"	"	1000	3.6 J	55 s	810103	"
"	"	"	1000	2.3 J	–	800818	"
AFGL 1160	7 36 46	+38 27 54	19.8	−3.1 M	10 M	760913	"
AFGL 4075	7 37 19	−84 57 06	19.8	−3.4 M	10 M	"	"
AFGL 1162	7 37 38	−21 35 54	11.0	−0.4 M	10 M	"	"
MARK 78	7 37 55.9	+65 17 43	10.6	0.040 J	3.9 s	781209	739901
FIRSSE 220	7 38 23	−33 25 36	93	112 J	10 M	830201	"
AFGL 1164	7 38 30	−23 21 00	19.8	−4.8 M	10 M	760913	"
AFGL 1165S	7 38 36	−28 23 18	11.0	−1.7 M	10 M	770706	"
U CMI	7 38 36.7	+ 8 30 12	8.4	1.48 C	–	710203	CSI 79
"	"	"	11.0	0.78 C	–	"	"
MARK 79	7 38 46.9	+49 55 47	10	−23.8 H	V	760401	739901
"	"	"	10	0.22 J	6 s	720901	"
"	"	"	10.6	0.185 J	–	781209	"
"	"	"	21	0.260 J	–	"	"
"	"	"	1000	0.7 JV	55 s	780210	"
VV 1-7	7 39 00.9	−18 52 17	10	4.4 MU	11 s	741009	739909
AFGL 1169	7 39 15	− 4 03 42	8.6	0.9 M	26 s	800213	AFGL
"	"	"	10.7	0.7 M	26 s	"	"
AFGL 1171	7 39 20	−37 20 42	19.8	−4.2 M	10 M	760913	"
IRC 00161	7 39 21	− 4 03 30	8.6	0.9 M	–	740705	IRC
"	"	"	10.7	0.7 M	–	"	"
NGC2440 6"NW	7 39 41.2	−18 05 22	9.0	150 G	7 s	811008	ED
NGC 2440	7 39 41.5	−18 05 26	10	3.9 M	11 s	741009	739909
"	"	"	10.5	100 GU	7 s	811008	"
"	"	"	12.8	100 GU	7 s	"	"
"	"	"	18	0.7 M	11 s	741009	"
"	"	"	37	37 J	27 s	800604	"
"	"	"	70	27 J	27 s	"	"
FIRSSE 221	7 39 57	−14 36 54	20	343 J	10 M	830201	"
"	"	"	27	666 J	10 M	"	"
"	"	"	93	433 J	10 M	"	"
OH231.8+4.2	7 39 58.9	−14 35 44	7.7	S	7.5 s	760806	740203
OH0739-14	"	"	8	S	8.5 s	811108	"
"	"	"	33	714 J	22 s	780411	"
"	"	"	33	714 J	22 s	"	"
"	"	"	73	426 J	30 s	"	"
"	"	"	73	426 J	30 s	"	"
S GEM	7 40 02.5	+23 34 07	8.7	1.70 M	–	810406	CSI 79
"	"	"	11.4	1.18 M	–	"	"
"	"	"	12.6	1.12 M	–	"	"
"	"	"	19.5	1.20 M	–	"	"
AFGL 4627S	7 40 21	+44 21 18	11.0	−1.1 M	10 M	770706	
"	"	"	19.8	−2.5 M	10 M	"	
AFGL 1181	7 41 45	−28 50 18	11.0	−2.2 M	10 M	760913	
3 PUP	7 41 47.9	−28 50 02	20	−3.0 M	14 s	760901	CSI 79
AFGL 1182S	7 41 59	+26 45 06	11.0	−0.8 M	10 M	770706	
"	"	"	19.8	−3.1 M	10 M	"	
FIRSSE 222	7 42 15	−20 00 24	93	49 J	10 M	830201	
BET GEM	7 42 15.4	+28 08 54	5.0	−1.20 M	–	700302	CSI 79
"	"	"	5.0	−0.90 C	–	640501	"
"	"	"	8.4	−1.29 MV	12 s	760107	"
"	"	"	8.4	−1.29 M	–	710403	"
"	"	"	8.4	−1.34 C	–	710203	"
"	"	"	8.6	−1.27 M	–	721103	"
"	"	"	8.6	−1.29 M	–	741009	"
"	"	"	8.7	−1.22 M	11 s	740807	"
"	"	"	8.7	−1.22 M	–	741105	"
"	"	"	10	7.51 F	5.9 s	640201	"
"	"	"	10	−1.3 M	11 s	741110	"
"	"	"	10	−1.19 M	11 s	740807	"
"	"	"	10	−1.29 MV	12 s	760107	"
"	"	"	10	−1.30 M	–	741009	"
"	"	"	10	−1.24 M	–	800210	"
"	"	"	10	−1.30 M	–	800509	"
"	"	"	10.0	−1.19 M	–	741105	"
"	"	"	10.2	−1.32 M	–	700302	"
"	"	"	10.4	−1.24 C	–	640501	"
"	"	"	10.8	−1.35 M	–	721103	"
"	"	"	10.8	−1.30 M	–	741009	"
"	"	"	11	−1.33 M	–	710403	"
"	"	"	11.0	−1.32 C	–	710203	"
"	"	"	11.1	−1.31 MV	12 s	760107	"
"	"	"	11.3	−1.33 M	–	741009	"
"	"	"	11.4	−1.22 M	11 s	740807	"
"	"	"	11.4	−1.22 M	–	741105	"
"	"	"	12.2	−1.33 M	–	721103	"
"	"	"	12.6	−1.19 M	11 s	740807	"
"	"	"	12.6	−1.19 M	–	741105	"
"	"	"	12.8	−1.30 M	–	741009	"
"	"	"	18	−1.3 M	–	"	"
"	"	"	18.0	−0.98 M	–	721103	"
"	"	"	19.5	−1.24 M	11 s	740807	"
"	"	"	19.5	−1.24 M	–	741105	"
"	"	"	20	−1.30 M	9 s	731104	"
"	"	"	20	−1.24 M	10 s	721002	"
"	"	"	22	−1.3 M	–	741009	"
"	"	"	22.0	−1.72 M	–	700302	"
"	"	"	23	−1.24 M	–	741105	"
AFGL 1183	7 42 18	+28 08 06	8.4	−1.3 M	11 s	800213	AFGL
"	"	"	11.0	−1.4 M	10 M	760913	
"	"	"	11.2	−1.3 M	11 s	800213	AFGL
AFGL 1184	7 42 20	+30 54 24	11.0	−0.8 M	10 M	760913	
4C 31.30	7 42 30.7	+31 50 16	10	1.17 Q	V	790509	809908
FIRSSE 223	7 42 47	−23 59 42	20	20 J	10 M	830201	
"	"	"	27	69 J	10 M	"	
"	"	"	40	142 J	10 M	"	
"	"	"	93	4069 J	10 M	"	
FIRSSE 224	7 43 00	−19 44 42	93	19 J	10 M	"	
AFGL 1186	7 43 02	+18 39 48	11.0	−0.2 M	10 M	760913	
MARK 10	7 43 07.4	+61 03 23	10	−23.9 HU	V	760401	739901

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
"	h m s	° ′ ″	10	0.11 JU	6 s	720901	"
"	"	"	10.6	0.018 J	–	781209	"
AFGL 4077	7 43 33	−58 19 36	19.8	−4.6 M	10 M	760913	
FIRSSE 225	7 43 42	−19 48 48	93	21 J	10 M	830201	
FIRSSE 226	7 43 49	−19 13 48	93	35 J	10 M	"	
AFGL 1188	7 43 59	− 5 28 24	19.8	−3.1 M	10 M	760913	
AFGL 1191	7 44 11	+33 31 18	11.0	−1.8 M	10 M	"	
"	7 44 17.1	+33 32 25	8.4	0.94 M	17 S	790401	
"	"	"	11.2	0.87 M	17 S	"	
"	"	"	12.5	0.84 M	17 S	"	
AFGL 1192	7 44 28	−26 10 30	11.0	−1.7 M	10 M	760913	
AFGL 4633S	7 44 47	−32 13 06	11.0	−1.4 M	10 M	770706	
NGC 2452	7 45 24.7	−27 12 43	10	4.8 MU	11 S	741009	739909
AFGL 4078	7 45 37	−71 10 06	11.0	−4.0 M	10 M	760913	
"	"	"	19.8	−4.2 M	10 M	"	
"	"	"	27.4	−6.6 M	10 M	"	
MWC 574	7 45 43	−13 59	10	4.5 MU	11 S	741009	MWC
OMI PUP	7 46 00.3	−25 48 42	8.7	2.97 M	11 S	740807	CSI 79
"	"	"	10	2.64 M	11 S	"	"
"	"	"	11.4	2.49 M	11 S	"	"
AFGL 1193S	7 46 14	−15 49 00	19.8	−3.0 M	10 M	770706	
AFGL 1195	7 47 07	−24 41 48	11.0	−1.2 M	10 M	760913	
AFGL 4079	7 47 09	+57 35 54	11.0	−0.7 M	10 M	"	
FIRSSE 227	7 48 30	−33 29 30	93	54 J	10 M	830201	
IRC 00162	7 48 41	− 2 29 36	8.6	−0.3 M	–	740705	IRC
"	"	"	10.7	2.3 MU	–	"	"
AFGL 1199	7 48 43	− 2 32 06	8.6	−0.3 M	26 S	800213	AFGL
"	"	"	11.0	−0.7 M	10 M	760913	
AFGL 1198S	7 48 43	−34 48 42	11.0	−1.7 M	10 M	770706	
"	"	"	19.8	−3.6 M	10 M	"	
FIRSSE 228	7 50 10	−25 48 42	93	118 J	10 M	830201	
AFGL 1201S	7 50 21	+60 04 36	19.8	−2.9 M	10 M	770706	
FIRSSE 229	7 50 29	−26 16 06	20	182 J	10 M	830201	
"	"	"	27	257 J	10 M	"	
"	"	"	40	2890 J	10 M	"	
"	"	"	93	4186 JL	10 M	"	
AFGL 4643S	7 50 40	− 7 52 30	11.0	−0.2 M	10 M	770706	
IRC+60184	7 51 55	+57 20 54	8.6	1.2 M	–	740705	IRC
"	"	"	10.7	0.1 M	–	"	"
MARK 382	7 52 03.2	+39 19 07	1570	56 JU	1 M	761201	739901
AFGL 4645S	7 52 40	−34 43 42	11.0	−2.1 M	10 M	770706	
AFGL 1207S	7 52 44	− 6 16 36	19.8	−2.9 M	10 M	"	
AFGL 1208S	7 52 56	+20 06 18	19.8	−2.9 M	10 M	"	
AFGL 1209	7 52 57	−36 03 00	19.8	−4.2 M	10 M	760913	
FIRSSE 230	7 53 00	−34 44 18	93	79 J	10 M	830201	
AFGL 1210S	7 53 17	+ 8 59 18	11.0	−2.1 M	10 M	770706	
"	"	"	19.8	−3.1 M	10 M	"	
FIRSSE 231	7 53 25	−20 34 12	93	164 J	10 M	830201	
VY CMI	7 53 28	+ 4 23 03	8.3	−5.0 M	–	770608	GCVS
"	"	"	10.2	−6.4 M	–	"	"
"	"	"	11.1	−6.5 M	–	"	"
AFGL 4646S	7 53 30	−28 29 48	19.8	−3.6 M	10 M	770706	
AFGL 1212S	7 53 46	+11 02 06	11.0	−1.2 M	10 M	"	
AFGL 4650S	7 54 03	+21 26 36	19.8	−3.7 M	10 M	"	
AFGL 4080	7 54 17	−22 19 12	11.0	−3.3 M	10 M	760913	
OI 090.4	7 54 22.6	+10 04 39	10.6	0.12 JV	–	771203	809908
BS 3126	7 55 54.5	−58 59 25	8.4	−0.43 M	–	760307	CSI 79
HD 65750	"	"	8.6	−0.45 M	15 S	740107	"
BS 3126	"	"	9.7	−0.79 M	–	760307	"
"	"	"	10.5	−0.96 M	–	"	"
HD 65750	"	"	10.7	−0.91 M	15 S	740107	"
BS 3126	"	"	11.2	−1.13 M	–	760307	"
HD 65750	"	"	12.2	−0.42 M	15 S	740107	"
BS 3126	"	"	12.5	−0.76 M	–	760307	"
HD 65750	"	"	18	−1.12 M	15 S	740107	"
AFGL 1214S	7 56 08	+ 0 50 12	19.8	−2.9 M	10 M	770706	
AFGL 4656S	7 58 19	−32 35 48	11.0	−1.3 M	10 M	"	
AFGL 1215	7 58 27	−12 43 06	11.0	−0.9 M	10 M	760913	
AFGL 4657S	7 58 36	−29 56 00	11.0	−2.2 M	10 M	770706	
AFGL 1216	7 58 40.7	− 1 15 09	8.4	0.99 M	17 S	790401	
"	"	"	11.2	1.00 M	17 S	"	
"	"	"	12.5	0.98 M	17 S	"	
AFGL 4658S	7 59 07	−31 33 36	11.0	−1.6 M	10 M	770706	
AFGL 1218	7 59 39.9	+ 2 28 24	8.4	1.23 M	17 S	790401	
"	"	"	11.2	1.33 M	17 S	"	
"	"	"	12.5	1.20 M	17 S	"	
AFGL 1219S	8 00 13	+47 06 06	11.0	−1.7 M	10 M	770706	
AFGL 1220	8 00 21	+36 29 12	8.6	0.2 M	26 S	800213	AFGL
"	"	"	10.7	−0.6 M	26 S	"	"
"	"	"	11.0	−1.0 M	10 M	760913	
"	"	"	12.2	−0.6 M	26 S	800213	AFGL
FIRSSE 232	8 00 42	−34 23 18	20	33 J	10 M	830201	
"	"	"	93	99 J	10 M	"	
AFGL 1221	8 00 46	− 5 32 30	11.0	−0.7 M	10 M	760913	
"	"	"	19.8	−3.1 M	10 M	"	
AR PUP	8 01 09.2	−36 26 46	8.6	−0.67 M	5 S	721205	CSI 79
"	"	"	10.5	−1.13 M	5 S	"	"
"	"	"	11.3	−1.48 M	5 S	"	"
"	"	"	12.2	−1.67 M	5 S	"	"
"	"	"	18	−2.23 M	5 S	"	"
AFGL 1222S	8 01 22	+62 16 42	19.8	−3.6 M	10 M	770706	
AFGL 1225S	8 02 37	+34 16 24	19.8	−3.2 M	10 M	"	
AFGL 4664S	8 05 13	+ 6 41 36	19.8	−3.1 M	10 M	"	
AFGL 4665S	8 05 14	− 3 17 48	19.8	−3.2 M	10 M	"	
AFGL 1232	8 06 03	+65 22 06	11.0	−0.7 M	10 M	760913	
AFGL 4668S	8 06 46	+55 40 48	19.8	−3.5 M	10 M	770706	
VV CNC	8 08 22.9	+19 17 51	5.0	1.36 M	–	700302	CSI 79
"	"	"	10.2	1.02 M	–	"	"
"	"	"	22.0	0.36 M	–	"	"
AFGL 1233	8 08 24	+19 17 12	11.0	−0.6 M	10 M	760913	
AFGL 1235	8 09 02	−32 44 42	19.8	−3.0 M	10 M	"	
AFGL 4670S	8 09 11	+43 42 42	19.8	−3.2 M	10 M	770706	
AFGL 4671S	8 09 32	+44 21 54	19.8	−2.4 M	10 M	"	
AFGL 1236S	8 09 51	+ 2 02 30	11.0	−0.6 M	10 M	"	
3C 196	8 09 59.4	+48 22 08	1570	16 JU	1 M	761201	769906
AFGL 4081	8 10 42	−62 36 42	11.0	−2.5 M	10 M	760913	
AFGL 4673S	8 10 50	+45 55 54	19.8	−2.7 M	10 M	770706	
FIRSSE 233	8 11 05	−33 09 30	20	147 J	10 M	830201	
"	"	"	27	137 J	10 M	"	
"	"	"	93	30 J	10 M	"	
RS PUP	8 11 08.9	−34 25 35	8.4	4.1 M	11 S	700906	CSI 79
"	"	"	8.6	4.1 M	–	721203	"
"	"	"	11.0	3.1 M	11 S	700906	"
"	"	"	11.3	3.1 M	–	721203	"
FIRSSE 234	8 11 15	− 2 49 24	27	77 J	10 M	830201	
"	"	"	93	166 J	10 M	"	
AFGL 1239S	8 11 32	−28 00 54	19.8	−4.0 M	10 M	770706	
AFGL 4676S	8 11 58	+ 8 40 42	11.0	−0.8 M	10 M	"	

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
AI VEL	h m s 8 12 26.2	° ′ ″ −44 25 21	10.5	1.87 MU	5 S	721205	CSI 79
FIRSSE 235	8 13 07	−35 12 36	93	33 J	10 M	830201	
AFGL 4679S	8 13 20	+23 35 24	19.8	−3.0 M	10 M	770706	
AFGL 1241	8 13 44	+11 52 42	8.4	−1.9 M	11 S	800213	AFGL
"	"	"	8.6	−2.1 M	26 S	"	"
"	"	"	10.7	−2.4 M	26 S	"	"
"	"	"	11.0	−2.4 M	10 M	760913	
"	"	"	11.2	−2.6 M	11 S	800213	AFGL
"	"	"	12.2	−2.5 M	26 S	"	"
"	"	"	19.8	−3.3 M	10 M	760913	
BET CNC	8 13 48.2	+ 9 20 26	10	0.770 FV	V	660501	CSI 79
R CNC	8 13 48.4	+11 52 51	8.4	−1.94 C	–	710405	CSI 79
"	"	"	8.4	−1.49 M	–	710403	"
"	"	"	8.4	−1.94 C	–	710203	"
"	"	"	8.4	−1.94 CV	–	750104	"
"	"	"	8.6	−2.1 M	–	721103	"
"	"	"	10.8	−2.3 M	–	"	"
"	"	"	11	−2.42 CV	–	750104	"
"	"	"	11	−2.55 M	–	710403	"
"	"	"	11.0	−2.56 C	–	710203	"
"	"	"	11.0	−2.56 C	–	710405	"
"	"	"	12.2	−2.5 M	–	721103	"
"	"	"	18.0	−2.8 M	–	"	"
"	"	"	20	−2.98 M	9 S	731104	"
HO II/A814	8 14	+70	1670	7.3 JU	1 M	761201	ED
FIRSSE 236	8 14 07	−35 58 24	93	121 J	10 M	830201	
FIRSSE 237	8 14 51	−35 17 48	93	142 J	10 M	"	
FIRSSE 238	8 15 00	−35 27 06	93	443 J	10 M	"	
AFGL 4681S	8 15 14	+39 37 12	11.0	−0.6 M	10 M	770706	
AFGL 1242S	8 15 22	+85 16 48	11.0	−0.6 M	10 M	"	
AFGL 4082	8 15 24	+72 34 48	8.6	1.7 M	26 S	800213	AFGL
"	"	"	11.0	−1.8 M	10 M	760913	
FIRSSE 239	8 16 01	−35 44 18	20	32 J	10 M	830201	
"	"	"	27	67 J	10 M	"	
"	"	"	93	216 J	10 M	"	
AFGL 4683S	8 16 54	+39 36 18	19.8	−3.1 M	10 M	770706	
FIRSSE 240	8 17 04	−21 35 06	20	172 J	10 M	830201	
"	"	"	27	151 J	10 M	"	
"	"	"	93	47 J	10 M	"	
V CNC	8 18 52.0	+17 26 41	8.4	1.86 C	–	710203	CSI 79
"	"	"	8.4	1.86 CE	–	710405	"
"	"	"	11.0	1.57 CE	–	"	"
"	"	"	11.0	1.57 C	–	710203	"
AFGL 1244	8 18 55	+ 5 05 42	11.0	−0.9 M	10 M	760913	
FIRSSE 241	8 19 03	−36 04 06	20	467 J	10 M	830201	
"	"	"	27	825 J	10 M	"	
"	"	"	93	1435 JL	10 M	"	
AFGL 1247	8 19 39	+15 08 00	11.0	−0.8 M	10 M	760913	
AFGL 4685S	8 20 35	+18 55 48	19.8	−3.0 M	10 M	770706	
FK HYA	8 22 02.2	− 8 21 25	20	−2.83 M	9 S	731104	CSI 79
AFGL 4689S	8 22 03	+28 04 42	11.0	−1.7 M	10 M	770706	
AFGL 1250	8 22 09	− 8 22 54	11.0	−1.8 M	10 M	760913	
0823+033	8 23	+ 3 18	1000	3.5 J	–	800818	ED
0823−223	8 23	−22 18	10.6	.0126 J	5.5 S	821201	ED
AFGL 1252S	8 23 13	+44 57 06	11.0	−0.7 M	10 M	770706	
AFGL 1253	8 23 40	− 4 45 24	11.0	−1.0 M	10 M	760913	
AFGL 1256S	8 24 34	+13 08 54	19.8	−3.7 M	10 M	770706	
AFGL 1257S	8 24 50	−27 35 54	11.0	−2.0 M	10 M	"	
ST LYN	8 25 32.3	+38 49 28	11.0	3.2 MU	22 S	730005	779907
AFGL 4084	8 25 41	+72 33 12	11.0	−0.5 M	10 M	760913	
"	"	"	19.8	−2.8 M	10 M	"	
AFGL 4085	8 26 39	+60 54 24	8.6	1.2 M	26 S	800213	AFGL
"	"	"	10.7	0.1 M	26 S	"	"
AFGL 1259S	8 27 03	+ 2 51 48	19.8	−3.4 M	10 M	770706	
AFGL 1258	8 27 05	− 6 08 06	11.0	−1.3 M	10 M	760913	
FIRSSE 242	8 27 13	−28 09 30	93	94 J	10 M	830201	
CRL 1258	8 27 13.3	− 6 09 00	11	80 J	–	760605	
AFGL 4086	8 27 39	−61 14 06	19.8	−5.1 M	10 M	760913	
0827+24	8 27 54.4	+24 21 07	1000	2.4 JU	–	800818	689906
AFGL 1261	8 28 08	+ 9 18 24	11.0	−1.5 M	10 M	760913	
AFGL 4697S	8 28 08	+67 11 36	11.0	−0.7 M	10 M	770706	
AFGL 1264S	8 28 49	+24 10 06	11.0	−0.7 M	10 M	"	
AFGL 1263	8 28 52	−22 36 30	11.0	−1.8 M	10 M	760913	
AS 201	8 29 36	−27 35	10	4.9 M	11 S	741009	AS
"	"	"	18	1.0 MU	11 S	"	"
AFGL 4698S	8 30 25	−67 37 12	19.8	−4.0 M	10 M	770706	
NGC 2610	8 31 05.0	−15 58 39	10	3.4 MU	11 S	741009	739909
FIRSSE 243	8 31 56	−35 53 30	93	734 J	10 M	830201	
AFGL 1270S	8 33 01	+ 9 44 42	11.0	−1.1 M	10 M	770706	
HE2-10	8 34 07.1	−26 14 04	10	3.5 M	11 S	741009	761008
"	"	"	18	0.85 M	11 S	"	"
AFGL 1272S	8 34 39	+19 49 30	11.0	−0.9 M	10 M	770706	
"	"	"	19.8	−2.3 M	10 M	"	
CRL 1274	8 35 44.6	−10 13 41	5.0	42 J	–	760604	
"	"	"	8.8	110 J	–	"	
"	"	"	10.6	76 J	–	"	
"	"	"	10.6	90 J	–	"	
"	"	"	10.8	140 J	–	"	
"	"	"	11.6	100 J	–	"	
"	"	"	12.6	64 J	–	"	
AFGL 1274	8 35 52	−10 16 42	8.4	0.3 MV	17 S	800213	AFGL
CRL 1274	"	"	8.4	0.2 C	18 S	761210	"
AFGL 1274	"	"	11.0	−1.4 M	10 M	760913	
"	"	"	11.2	−0.7 MV	17 S	800213	AFGL
CRL 1274	"	"	11.2	−0.8 C	18 S	761210	"
AFGL 1274	"	"	12.5	−0.7 MV	17 S	800213	"
CRL 1274	"	"	12.5	−0.8 C	18 S	761210	"
RZ CNC	8 36 02.7	+31 58 21	8.6	4.0 M	–	731004	779907
"	"	"	11.3	3.3 M	–	"	"
"	"	"	18	2.4 MU	–	"	"
FIRSSE 244	8 36 38	−27 53 06	93	75 J	10 M	830201	
AFGL 1281	8 37 30	−17 06 36	11.0	−1.8 M	10 M	760913	
AFGL 4705S	8 37 35	−12 18 42	19.8	−2.5 M	10 M	770706	
AK HYA	8 37 35.7	−17 07 22	20	−2.48 M	9 S	731104	CSI 79
AFGL 4706S	8 37 36	+46 02 48	11.0	−1.0 M	10 M	770706	
AFGL 1283	8 39 06	+ 2 21 42	8.6	0.5 M	26 S	800213	AFGL
"	"	"	10.7	−0.1 M	26 S	"	"
"	"	"	11.0	−1.5 M	10 M	760913	
"	"	"	12.2	−0.5 M	26 S	800213	AFGL
CRL 1283	8 39 12.2	+ 2 22 48	11	70 J	–	760605	
AFGL 4709S	8 39 45	− 2 51 42	19.8	−2.8 M	10 M	770706	
FIRSSE 245	8 41 22	−28 03 00	93	66 J	10 M	830201	
IC 2392	8 41 40	+18 28	5.0	3.88 M	–	700302	IC
"	"	"	10.2	5.69 M	–	"	"
AFGL 1285	8 41 50.7	+18 20 22	8.4	1.31 M	17 S	790401	
"	"	"	11.2	1.46 M	17 S	"	
"	"	"	12.5	1.44 M	17 S	"	
AFGL 4711S	8 42 26	+72 34 06	11.0	−0.7 M	10 M	770706	

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
AFGL 1286S	8 43 29	+79 09 54	11.0	−0.8 M	10 M	"	
AFGL 1288	8 43 44	+ 1 49 24	8.4	−0.4 M	17 S	800213	AFGL
"	"	"	8.6	−0.5 M	26 S	"	"
"	"	"	10.7	−1.2 M	26 S	"	"
"	"	"	11.0	−2.0 M	10 M	760913	
"	"	"	11.2	−1.0 M	17 S	800213	AFGL
"	"	"	12.2	−1.4 M	26 S	"	"
"	"	"	12.5	−0.4 M	17 S	"	"
"	"	"	18	−1.3 M	26 S	"	"
"	8 43 46.0	+ 1 48 57	8.4	−0.51 M	17 S	790401	
"	"	"	11.2	−1.22 M	17 S	"	
"	"	"	12.5	−1.31 M	17 S	"	
AFGL 4712S	8 43 53	−13 20 42	19.8	−3.0 M	10 M	770706	
A30	8 44 00	+18 04	8.6	4.5 M	−	741009	P−K
"	"	"	10	5.0 MU	4 S	"	"
"	"	"	10	4.0 M	−	"	"
"	"	"	11.3	2.9 M	−	"	"
"	"	"	12.8	3.0 MU	−	"	"
"	"	"	18	1.1 MU	4 S	"	"
"	"	"	18	0.0 M	−	"	"
"	"	"	22	−0.7 M	−	"	"
"	"	"	37	48 J	27 S	800604	"
"	"	"	70	40 J	27 S	"	"
AFGL 1289	8 44 07.8	+ 6 36 12	8.4	1.32 M	17 S	790401	
"	"	"	11.2	1.41 M	17 S	"	
"	"	"	12.5	1.31 M	17 S	"	
AFGL 1290S	8 44 27	+ 1 18 06	11.0	−1.2 M	10 M	770706	
AFGL 4714S	8 44 48	+49 15 06	11.0	−0.8 M	10 M	"	
AFGL 4088	8 45 35	+70 28 12	8.6	2.8 M	26 S	800213	AFGL
"	"	"	10.7	1.7 M	26 S	"	"
"	"	"	11.0	−2.2 M	10 M	760913	
"	"	"	12.2	1.8 M	26 S	800213	AFGL
AFGL 1292	8 45 53	+18 13 12	19.8	−3.0 M	10 M	760913	
AFGL 1293	8 45 54.7	+12 43 58	8.4	1.65 M	17 S	790401	
"	"	"	11.2	1.44 M	17 S	"	
"	"	"	12.5	1.68 M	17 S	"	
AFGL 1294S	8 46 40	+73 16 30	11.0	−0.9 M	10 M	770706	
"	"	"	19.8	−3.4 M	10 M	"	
AFGL 4716S	8 48 23	+63 54 12	19.8	−2.9 M	10 M	"	
NGC 2683	8 49 34.8	+33 36 23	10	0.080 JU	5.7 S	780305	769909
VE 27	8 50 17.2	−46 06 44	8.0	8.70 J	9 S	800610	739903
"	"	"	8.8	13.8 J	9 S	"	"
"	"	"	9.8	19.9 J	9 S	"	"
"	"	"	10	18.4 J	9 S	"	"
"	"	"	10.6	21.5 J	9 S	"	"
"	"	"	11.7	19.2 J	9 S	"	"
"	"	"	12.7	20.3 J	9 S	"	"
"	"	"	20	19.6 J	9 S	"	"
AFGL 1297S	8 51 21	−12 51 30	19.8	−3.2 M	10 M	770706	
MARK 391	8 51 32.3	+39 43 40	10.6	0.036 J	−	781209	739901
"	"	"	1570	36 JU	1 M	761201	"
M82	9 51 42	+69 55 06	150	60000 XU	7 M	701103	
OJ 287	8 51 57	+20 17 59	10.8	0.56 JV	−	720701	
"	"	"	11	0.92 JV	−	"	
"	8 51 57.3	+20 17 59	10	0.55 JV	−	720903	809908
"	"	"	10.5	−0.7 KV	−	740904	"
"	"	"	10.6	0.083 J	−	771203	"
"	"	"	1000	0.6 J	55 S	780210	"
"	"	"	1000	3.7 JV	55 S	821105	"
"	"	"	1000	4.9 J	55 S	821106	"
"	"	"	1000	3.6 JV	55 S	810103	"
"	"	"	1670	5.6 JU	1 M	761201	"
AFGL 1298	8 52 33	+17 25 24	8.4	−0.7 M	11 S	800213	AFGL
"	"	"	11.0	−0.7 M	10 M	760913	
"	"	"	11.2	−0.9 M	11 S	800213	AFGL
X CNC	8 52 33.9	+17 25 21	8.4	4.71 F	−	761005	CSI 79
"	"	"	8.4	−0.71 C	−	710203	"
"	"	"	10.8	2.25 F	−	761005	"
"	"	"	10.8	−0.9 M	−	721103	"
"	"	"	11.0	2.01 F	−	761005	"
"	"	"	11.0	−0.92 C	−	710203	"
"	"	"	12.2	1.38 F	−	761005	"
"	"	"	12.2	−0.8 M	−	721103	"
AFGL 1298	8 52 34.0	+17 25 22	8.4	−0.87 M	17 S	790401	
"	"	"	11.2	−0.87 M	17 S	"	
"	"	"	12.5	−0.83 M	17 S	"	
AFGL 4718S	8 52 41	+23 00 30	19.8	−3.0 M	10 M	770706	
ZET HYA	8 52 45.0	+ 6 08 11	5.0	0.42 M	−	700302	CSI 79
T HYA	8 53 13.7	− 8 56 56	8.7	1.62 M	−	810406	CSI 79
"	"	"	11.4	1.37 M	−	"	"
"	"	"	12.6	1.39 M	−	"	"
VBH 24	8 53 20.6	−43 16 28	11.5	1.8 MU	13 S	770301	CSI 79
AFGL 1301	8 53 40	+20 02 18	8.4	−0.6 M	11 S	800213	AFGL
"	"	"	11.0	−1.3 M	10 M	760913	
"	"	"	11.2	−0.7 M	11 S	800213	AFGL
T CNC	8 53 48.9	+20 02 28	8.4	4.10 F	−	761005	CSI 79
"	"	"	8.4	−0.56 C	−	710203	"
"	"	"	8.6	3.47 F	−	761005	"
"	"	"	8.6	−0.4 M	−	721103	"
"	"	"	10.8	1.55 F	−	761005	"
"	"	"	10.8	−0.5 M	−	721103	"
"	"	"	11.0	1.57 F	−	761005	"
"	"	"	11.0	−0.65 C	−	710203	"
"	"	"	12.2	1.05 F	−	761005	"
"	"	"	12.2	−0.5 M	−	721103	"
AFGL 1301	8 53 48.9	+20 02 30	8.4	−0.61 M	17 S	790401	
"	"	"	11.2	−0.75 M	17 S	"	
"	"	"	12.5	−0.61 M	17 S	"	
VBH 25A	8 54 42	−42 54	8.7	1.6 MU	13 S	770301	759902
"	"	"	11.5	2.1 M	13 S	"	"
HD 76838	8 55 18.9	−43 03 45	11.5	2.2 MU	13 S	"	CSI 79
AFGL 1302	8 55 28	+11 01 48	8.4	−0.5 M	11 S	800213	AFGL
"	"	"	11.0	−1.0 M	10 M	760913	
"	"	"	11.2	−0.9 M	11 S	800213	AFGL
"	"	"	19.8	−3.0 M	10 M	760913	
RT CNC	8 55 33.0	+11 02 22	8.4	−0.47 C	−	710203	CSI 79
"	"	"	11.0	−0.91 C	−	"	"
AFGL 1302	8 55 33.1	+11 02 23	8.4	−0.39 M	17 S	790401	
"	"	"	11.2	−0.88 M	17 S	"	
"	"	"	12.5	−0.93 M	17 S	"	
AFGL 4721S	8 55 37	+29 08 12	19.8	−3.4 M	10 M	770706	
3C 212	8 55 55.6	+14 21 24	1570	48 JU	1 M	761201	769906
AFGL 4722S	8 57 10	−13 38 30	19.8	−3.7 M	10 M	770706	
AFGL 4723S	8 57 18	+37 49 06	19.8	−2.3 M	10 M	"	
RCW 38	8 57 20.9	−47 18 50	1000	128 J	65 S	800807	
UCL 36	8 57 21	−47 17 42	100	4.2E5 W	−	751202	
RCW 38 IRS1	8 57 23.5	−47 18 37	10	100 J	7 S	790212	
RCW 38	8 57 24.2	−47 18 50	8.8	−15.5 R	22 S	760910	
"	"	"	9.8	−15.2 R	22 S	"	
"	"	"	10	−22.9 L	V	740906	
"	"	"	10	−15.2 R	22 S	760910	
"	"	"	10.6	−15.1 R	22 S	"	
"	"	"	11.7	−15.2 R	22 S	"	
"	"	"	12.6	−15.2 R	22 S	"	
G268.0−1.1	8 57 27	−47 23 17	12.6	−15.2 R	−	770503	ED
"	"	"	18.1	−14.9 R	−	"	"
"	"	"	19.8	−14.8 R	−	"	"
"	"	"	22.9	−14.8 R	−	"	"
UCL 37	8 57 42	−43 35 54	100	1.6E5 W	−	751202	
AFGL 1304	8 57 57	+67 50 30	11.0	−0.7 M	10 M	760913	
RHO UMA	8 58 03.9	+67 49 34	5.0	−0.95 M	−	700302	CSI 79
"	"	"	10.2	−0.40 M	−	"	"
"	"	"	22.0	−2.20 M	−	"	"
UCL 35	9 00 05	−47 31 42	100	1.3E5 W	−	751202	
AFGL 1306S	9 00 08	−20 50 36	19.8	−3.8 M	10 M	770706	
AFGL 1307	9 00 31	+38 57 00	11.0	−0.6 M	10 M	760913	
AFGL 4725S	9 01 52	+52 50 48	19.8	−3.1 M	10 M	770706	
AFGL 1311	9 02 20	+12 53 30	11.0	−0.8 M	10 M	760913	
FIRSSE 246	9 03 07	− 5 36 12	93	49 J	10 M	830201	
AFGL 4726S	9 03 21	+ 5 13 48	19.8	−2.9 M	10 M	770706	
AFGL 4728S	9 04 26	+37 22 54	19.8	−3.4 M	10 M	"	
AFGL 1318S	9 04 35	− 8 36 36	11.0	−1.6 M	10 M	"	
AFGL 4730S	9 05 18	− 9 19 00	19.8	−3.3 M	10 M	"	
15 UMA	9 05 21.3	+51 48 27	8.7	3.81 M	11 S	740807	CSI 79
"	"	"	10	3.66 M	11 S	"	"
"	"	"	11.4	3.53 M	11 S	"	"
AFGL 1321	9 05 45	+13 24 48	11.0	−1.5 M	10 M	760913	
LAM VEL	9 06 09.3	−43 13 46	8.4	−1.65 M	−	730002	CSI 79
"	"	"	10.2	−1.73 M	−	"	"
"	"	"	11.2	−1.78 M	−	"	"
AFGL 1322S	9 06 37	+ 3 34 12	11.0	−1.7 M	10 M	770706	
PG 0906+484	9 06 45.3	+48 25 56	10	0.042 J	6 S	820404	809908
PG 0906+48	"	"	10	1.55 Q	V	790509	"
PG 0906+484	"	"	20	0.060 JU	6 S	820404	"
PG 0906+48	"	"	1000	0.8 JU	55 S	821106	"
AFGL 1323	9 06 51	+25 27 00	8.6	−0.3 M	26 S	800213	AFGL
"	"	"	10.7	−0.9 M	26 S	"	"
"	"	"	11.0	−1.1 M	10 M	760913	
"	"	"	12.2	−0.9 M	26 S	800213	AFGL
"	"	"	18	−1.3 M	26 S	"	"
"	"	"	19.8	−2.9 M	10 M	760913	
AFGL 1324	9 07 16	+ 6 39 12	11.0	−0.8 M	10 M	"	
AFGL 1326	9 07 36	+31 10 12	8.4	−2.3 M	11 S	800213	AFGL
"	"	"	8.4	−2.3 M	17 S	"	"
"	"	"	8.6	−3.2 M	26 S	"	"
"	"	"	10.7	−3.9 M	26 S	"	"
"	"	"	11.0	−2.7 M	10 M	760913	
"	"	"	11.2	−3.1 M	11 S	800213	AFGL
"	"	"	11.2	−3.0 M	17 S	"	"
"	"	"	12.2	−3.9 M	26 S	"	"
"	"	"	12.5	−2.9 M	17 S	"	"
"	"	"	19.8	−3.5 M	10 M	760913	
RS CNC	9 07 37.8	+31 10 05	8.4	−2.29 C	−	710405	779907
"	"	"	8.4	−2.26 M	−	710403	"
"	"	"	8.4	−2.30 C	−	710203	"
"	"	"	11	−2.95 M	−	710403	"
"	"	"	11.0	−3.05 C	−	710405	"
"	"	"	11.0	−3.13 C	−	710203	"
"	"	"	20	−3.60 M	9 S	731104	"
AFGL 4733S	9 08 08	−62 51 00	11.0	−2.4 M	10 M	770706	
AFGL 4734S	9 08 57	+73 35 12	19.8	−3.3 M	10 M	"	
NGC 2792	9 10 33.7	−42 13 08	9.0	100 GU	7 S	811008	739909
"	"	"	10	0.33 JU	18 S	800610	"
"	"	"	10.5	1800 G	7 S	811008	"
"	"	"	12.8	100 GU	7 S	"	"
NGC 2782	9 10 54.0	+40 19 18	5	7.2 JV	V	700306	769909
"	"	"	10	1.1 JV	V	"	"
"	"	"	10	0.26 J	6 S	720901	"
"	"	"	22	23 JV	−	700306	"
"	"	"	1570	16 JU	1 M	761201	"
AFGL 1331S	9 11 46	+ 0 48 54	11.0	−0.8 M	10 M	770706	
"	"	"	19.8	−3.2 M	10 M	"	
AFGL 1333S	9 12 27	+ 9 49 12	11.0	−0.7 M	10 M	"	
AFGL 4735S	9 12 42	+23 40 12	19.8	−3.0 M	10 M	"	
B2 0912+29	9 12 53.5	+29 45 55	10.5	0.044 JU	−	740904	809908
AFGL 1337S	9 14 10	+37 38 00	19.8	−2.6 M	10 M	770706	
MARK 106	9 16 18.4	+55 34 21	1570	54 JU	1 M	761201	739901
AFGL 4740S	9 16 46	+42 58 18	19.8	−3.5 M	10 M	770706	
AFGL 4741S	9 17 15	+45 25 30	19.8	−3.0 M	10 M	"	
AFGL 1339S	9 17 40	+ 3 12 24	19.8	−3.4 M	10 M	"	
AFGL 1340S	9 17 56	+ 6 55 00	19.8	−3.2 M	10 M	"	
AFGL 1341	9 17 59	+34 36 30	11.0	−1.1 M	10 M	760913	
"	"	"	19.8	−2.4 M	10 M	"	
AFGL 1343S	9 18 10	− 9 29 54	11.0	−1.2 M	10 M	770706	
"	"	"	19.8	−3.4 M	10 M	"	
AFGL 1344	9 18 18	+56 55 30	8.6	−0.3 M	26 S	800213	AFGL
"	"	"	10.7	−0.2 M	26 S	"	"
"	"	"	11.0	−0.5 M	10 M	760913	
"	"	"	12.2	−0.3 M	26 S	800213	AFGL
NGC 2841	9 18 34.9	+51 11 19	10	0.060 JU	5.7 S	780305	769909
AFGL 1345S	9 19 28	+41 40 30	11.0	−0.7 M	10 M	770706	
NGC 2867	9 20 00.8	−58 05 57	8.8	1.26 J	18 S	800610	769910
"	"	"	9.0	240 G	7 S	811008	"
"	"	"	10	1.17 J	18 S	800610	"
"	"	"	10.5	1800 G	7 S	811008	"
"	"	"	10.6	1.40 J	18 S	800610	"
"	"	"	11.7	1.30 J	18 S	"	"
"	"	"	12.7	1.65 J	18 S	"	"
"	"	"	12.8	100 GU	7 S	811008	"
"	"	"	20	10.1 JU	18 S	800610	"
NGC 2867 5"E	9 20 01.4	−58 05 57	9.0	240 G	7 S	811008	ED
WY VEL	9 20 20.9	−52 20 59	8.6	−1.56 M	−	720202	CSI 79
"	"	"	10.7	−2.68 M	−	"	"
"	"	"	12.2	−2.55 M	−	"	"
"	"	"	18	−3.2 M	−	"	"
AFGL 1349S	9 20 48	+21 35 18	19.8	−3.2 M	10 M	770706	
MARK 110	9 21 44.4	+52 30 14	1570	43 JU	1 M	761201	739901
RCW 42	9 22 45.5	−51 46 27	8.8	−16.1 R	22 S	760910	
"	"	"	9.8	−16.1 R	22 S	"	
"	"	"	10	−16.0 R	22 S	"	
"	"	"	10	−24.4 L	22 S	770503	
"	"	"	10.6	−16.0 R	22 S	760910	
"	"	"	11.7	−16.0 R	22 S	"	
"	"	"	12.6	−16.0 R	22 S	"	
"	"	"	20	−23.7 L	22 S	770503	
AFGL 4093	9 22 46	−57 26 30	11.0	−2.4 M	10 M	760913	

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
IRC-20188	9 23 34	−23 48 00	8.4	−0.2 CV	-	760610	IRC
"	"	"	11.2	−1.3 CV	-	"	"
"	"	"	12.5	−1.2 CV	-	"	"
AFGL 1352	9 23 40	+21 00 24	11.0	−1.0 M	10 M	760913	
4C 39.25	9 23 55.3	+39 15 23	1000	2.0 J	55 S	821106	809908
AFGL 1353	9 25 05	− 8 28 18	11.0	−1.2 M	10 M	760913	
ALF HYA	9 25 07.7	− 8 26 26	8.4	−1.24 M	-	730002	CSI 79
"	"	"	10	2.05 F	V	660501	"
"	"	"	10.2	−1.30 M	-	730002	"
"	"	"	11.2	−1.26 M	-	"	"
IW CAR	9 25 42.9	−63 24 42	8.6	−0.57 M	5 S	721205	CSI 79
"	"	"	10.5	−1.02 M	5 S	"	"
"	"	"	11.3	−1.33 M	5 S	"	"
"	"	"	12.2	−1.29 M	5 S	"	"
"	"	"	18	−2.85 M	5 S	"	"
MARK 114	9 26 36.8	+56 04 20	8.4	5.1 MU	V	760706	739901
MARK 401	9 27 19.5	+29 45 33	8.4	4.3 MU	V	"	739901
AFGL 4094	9 28 21	+44 56 06	11.0	−0.8 M	10 M	760913	
AFGL 1358	9 28 50	+23 11 42	11.0	−0.5 M	10 M	"	
NGC 2903	9 29 19.9	+21 43 19	10	0.22 J	6 S	720901	769909
"	"	"	10	0.93 J	20 S	760510	"
"	"	"	10	0.11 J	4.3 S	"	"
"	"	"	10	0.17 J	5.7 S	780305	"
"	"	"	10	0.21 J	5.7 S	760510	"
"	"	"	10	0.58 J	8.5 S	"	"
"	"	"	10.6	0.47 J	8.5 S	790405	"
"	"	"	20	0.9 J	8.5 S	780305	"
"	"	"	21	0.2 J	6 S	720901	"
"	"	"	21	0.9 J	8.5 S	790405	"
"	"	"	33	9 J	28 S	800108	"
"	"	"	83	46 J	30 S	"	"
"	"	"	1570	38 JU	1 M	761201	"
FJI	9 30	+54 30	100	2E5 X	.56 D	701104	
AB LEO	9 30 32.3	+20 04 47	11.3	2.5 MU	-	721203	CSI 79
AFGL 4095	9 30 53	−62 34 42	11.0	−2.5 M	10 M	760913	
"	"	"	19.8	−3.7 M	10 M	"	
R CAR	9 30 59.2	−62 34 01	10	−2.66 M	9 S	790804	CSI 79
"	"	"	20	−3.20 M	9 S	"	"
"	"	"	20	−3.20 M	-	821005	"
AFGL 1363	9 31 02	+81 34 36	11.0	−0.8 M	10 M	760913	
X HYA	9 33 06.9	−14 28 02	6.3	110 J	-	790402	CSI 79
"	"	"	20	−1.35 M	-	821005	"
AFGL 1366	9 33 45	+31 23 42	11.0	−0.6 M	10 M	760913	
AFGL 1367S	9 34 53	+11 55 00	11.0	−1.0 M	10 M	770706	
HO I/A936	9 36	+71	1670	20.2 JU	1 M	761201	ED
AFGL 4750S	9 36 01	+ 4 51 54	19.8	−3.6 M	10 M	770706	
IC 2501	9 37 20.9	−59 51 52	8	S	5.3 S	820715	769910
"	"	"	8.8	1.69 J	9 S	800610	"
"	"	"	9.0	1300 G	7 S	811008	"
"	"	"	9.8	1.11 J	9 S	800610	"
"	"	"	10	2.93 J	9 S	"	"
"	"	"	10.5	3600 G	7 S	811008	"
"	"	"	10.6	2.88 J	9 S	800610	"
"	"	"	11.7	3.24 J	9 S	"	"
"	"	"	12.7	4.28 J	9 S	"	"
"	"	"	12.8	1800 G	7 S	811008	"
"	"	"	20	29.7 J	9 S	800610	"
AFGL 1369	9 37 29	+ 0 54 54	11.0	−0.9 M	10 M	760913	
AFGL 1370S	9 38 11	+19 27 00	19.8	−3.1 M	10 M	770706	
I HYA	9 39 00.0	−23 21 47	8.7	3.67 M	11 S	740807	CSI 79
"	"	"	10	3.58 M	11 S	"	"
"	"	"	11.4	3.17 M	11 S	"	"
HE2-34	9 39 24.7	−49 09 04	8	S	3.5 S	820715	739903
"	"	"	8.0	9.24 J	9 S	800610	"
"	"	"	8.8	10.1 J	9 S	"	"
"	"	"	9.8	11.4 J	9 S	"	"
"	"	"	10	12.1 J	9 S	"	"
"	"	"	10.6	15.3 J	9 S	"	"
"	"	"	11.7	13.2 J	9 S	"	"
"	"	"	12.7	11.7 J	9 S	"	"
"	"	"	20	13.9 J	9 S	"	"
W UMA	9 40 15.4	+56 10 56	10	5.240 M	-	800210	779907
AFGL 1372	9 41 00.6	+14 15 05	8.4	0.97 M	17 S	790401	
"	"	"	11.2	0.95 M	17 S	"	
"	"	"	12.5	0.96 M	17 S	"	
AFGL 1373S	9 41 33	+46 17 36	19.8	−3.2 M	10 M	770706	
AFGL 1374S	9 42 01	+69 43 06	11.0	−1.0 M	10 M	"	
AFGL 1375S	9 42 13	+18 01 42	11.0	−0.5 M	10 M	"	
AFGL 1376	9 42 27	+34 43 54	8.4	−2.1 M	11 S	800213	AFGL
"	"	"	11.0	−2.8 M	10 M	760913	
"	"	"	11.2	−2.8 M	11 S	800213	AFGL
"	"	"	19.8	−3.3 M	10 M	760913	
R LMI	9 42 34.6	+34 44 33	6.3	600 J	-	790402	CSI 79
"	"	"	8.4	−2.10 C	-	710203	"
"	"	"	8.4	−1.99 CV	-	750104	"
"	"	"	8.4	−2.15 M	-	710403	"
"	"	"	8.6	−2.2 M	-	721103	"
"	"	"	10.8	−3.0 M	-	"	"
"	"	"	11	−2.77 CV	-	750104	"
"	"	"	11	−2.83 M	-	710403	"
"	"	"	11.0	−2.82 C	-	710203	"
"	"	"	12.2	−2.8 M	-	721103	"
"	"	"	18.0	−3.2 M	-	"	"
"	"	"	20	−3.44 M	9 S	731104	"
AFGL 1376	9 42 34.7	+34 44 34	8.4	−1.95 M	17 S	790401	
"	"	"	11.2	−2.72 M	17 S	"	
"	"	"	12.5	−2.84 M	17 S	"	
AFGL 1377S	9 42 55	+16 16 42	11.0	−0.5 M	10 M	770706	
IRC-20197	9 42 56	−21 48 06	8.4	−0.4 CV	-	760610	IRC
"	"	"	10	−2.0 ME	-	740408	"
"	"	"	10.1	−2.11 C	-	720001	"
"	"	"	11.2	−1.7 CV	-	760610	"
"	"	"	12.5	−1.5 CV	-	"	"
"	"	"	19.5	−5.51 C	-	720001	"
AFGL 1378	9 43 00.1	+57 21 32	8.4	0.03 M	17 S	790401	
"	"	"	11.2	−0.03 M	17 S	"	
"	"	"	12.5	−0.02 M	17 S	"	
"	9 43 03	+57 19 42	11.0	−0.6 M	10 M	760913	
NGC 2976	9 43 10.0	+68 08 43	1670	16.1 JU	1 M	761201	769909
NGC 2992	9 43 17.6	−14 05 45	8.3	6.45 M	3.5 S	820311	759903
"	"	"	9.4	5.64 M	3.5 S	"	"
"	"	"	10.3	5.58 M	3.5 S	"	"
"	"	"	12.0	5.02 M	3.5 S	"	"
AFGL 1379	9 43 31.8	+ 6 56 25	8.4	1.46 M	17 S	790401	
"	"	"	11.2	1.35 M	17 S	"	
"	"	"	12.5	1.31 M	17 S	"	
AFGL 4755S	9 44 24	+ 5 55 54	11.0	−1.2 M	10 M	770706	
AFGL 1380	9 44 48	+11 39 24	8.4	−3.9 M	11 S	800213	AFGL
"	"	"	8.6	−3.7 M	26 S	"	"
"	"	"	10.7	−4.2 M	26 S	"	"
"	"	"	11.0	−4.2 M	10 M	760913	
"	"	"	11.2	−4.6 M	11 S	800213	AFGL
"	"	"	12.2	−4.4 M	26 S	"	"
"	"	"	18	−5.0 M	26 S	"	"
"	"	"	19.8	−5.1 M	10 M	760913	
R LEO	9 44 52.2	+11 39 40	5	D	-	751103	CSI 79
"	"	"	5.0	−3.43 M	-	700302	"
"	"	"	5.0	−13.2 R	-	740401	"
"	"	"	6.3	2800 J	-	790402	"
"	"	"	8	S	V	721103	"
"	"	"	8.3	−4.8 M	-	770608	"
"	"	"	8.4	−3.90 C	-	710203	"
"	"	"	8.4	−3.70 CV	-	750104	"
"	"	"	8.4	−3.92 C	-	710405	"
"	"	"	8.4	−4.02 M	-	710403	"
"	"	"	8.6	−3.9 M	-	721103	"
"	"	"	8.6	−4.2 M	-	721203	"
"	"	"	10	1681 J	15 S	800510	"
"	"	"	10.2	−4.26 M	-	700302	"
"	"	"	10.2	−4.3 M	-	770608	"
"	"	"	10.2	−14.0 R	-	740401	"
"	"	"	10.8	−4.7 M	-	721203	"
"	"	"	10.8	−4.6 M	-	721103	"
"	"	"	11	−4.43 CV	-	750104	"
"	"	"	11	−4.93 M	-	710403	"
"	"	"	11	D	-	771008	"
"	"	"	11.0	−4.56 C	-	710203	"
"	"	"	11.0	−4.65 C	-	710405	"
"	"	"	11.3	−4.8 M	-	721203	"
"	"	"	12.2	−4.6 M	-	721103	"
"	"	"	12.8	−4.8 M	-	721203	"
"	"	"	18.0	−4.8 M	-	721103	"
"	"	"	20	−5.11 M	9 S	731104	"
"	"	"	20	−5.09 M	10 S	721002	"
"	"	"	20	618 J	15 S	800510	"
"	"	"	20	−4.90 M	-	821005	"
"	"	"	20	−5.5 M	-	721203	"
"	"	"	21	−5.03 M	1 M	721005	"
"	"	"	22.0	−5.03 M	-	700302	"
"	"	"	25	−4.85 M	-	821005	"
"	"	"	30	520 J	15 S	800510	"
"	"	"	33	−4.93 M	-	821005	"
"	"	"	1570	17 JU	1 M	761201	769906
AFGL 1380	9 44 52.2	+11 39 42	8.4	−3.80 M	17 S	790401	
"	"	"	11.2	−4.41 M	17 S	"	
"	"	"	12.5	−4.57 M	17 S	"	
3C 227	9 45 06.6	+ 7 39 17	1570	17 JU	1 M	761201	769906
AFGL 1381	9 45 10	+13 30 42	8.4	−6.7 MV	17 S	800213	AFGL
"	"	"	8.6	−7.0 MV	26 S	"	"
"	"	"	10.7	−7.6 MV	26 S	"	"
"	"	"	11.0	−6.1 M	10 M	760913	
"	"	"	11.2	−7.4 MV	17 S	800213	AFGL
"	"	"	11.3	−8.0 M	8.5 S	"	"
"	"	"	12.2	−7.9 MV	26 S	"	"
"	"	"	12.5	−7.5 MV	17 S	"	"
"	"	"	18	−8.3 MV	26 S	"	"
"	"	"	18	−8.7 M	8.5 S	"	"
"	"	"	19.8	−8.6 M	10 M	760913	
IRC+10216	9 45 14.8	+13 30 41	10.1	−7.4 M	-	691201	
"	"	"	16	S	30 S	810806	691201
"	"	"	19.5	−9.1 M	-	691201	
"	9 45 18	+13 30 36	5	D	-	751103	IRC
"	"	"	5.0	−4.53 M	-	700302	"
"	"	"	5.0	−4.7 MV	-	800103	"
"	"	"	5.0	P	-	760608	"
"	"	"	7	S	10 S	740303	"
"	"	"	8.3	−7.5 M	-	770608	"
"	"	"	8.4	P	-	760608	"
"	"	"	8.4	−6.60 M	-	710403	"
"	"	"	8.4	−7.1 CV	-	760610	"
"	"	"	8.4	−7.2 MV	-	800103	"
"	"	"	8.6	−7.2 MV	20 S	741201	"
"	"	"	8.6	1150 F	-	761005	"
"	"	"	8.6	−6.6 M	-	721103	"
"	"	"	10	P	-	720803	"
"	"	"	10.2	−7.2 MV	10 S	720403	"
"	"	"	10.2	−7.9 M	-	770608	"
"	"	"	10.2	−7.18 M	-	700302	"
"	"	"	10.2	−7.8 MV	-	800103	"
"	"	"	10.7	−7.8 MV	20 S	741201	"
"	"	"	10.8	804 F	-	761005	"
"	"	"	10.8	−7.3 M	-	721103	"
"	"	"	11	D	-	790606	"
"	"	"	11	−7.34 M	-	710403	"
"	"	"	11.0	P	-	760608	"
"	"	"	11.1	−7.8 M	-	770608	"
"	"	"	11.1	−7.6 MV	-	800103	"
"	"	"	11.2	−7.7 CV	-	760610	"
"	"	"	12.2	−8.1 MV	20 S	741201	"
"	"	"	12.2	−7.6 M	-	721103	"
"	"	"	12.2	777 F	-	761005	"
"	"	"	12.5	−8.0 MV	-	800103	"
"	"	"	12.5	−7.9 CV	-	760610	"
"	"	"	12.6	P	-	760608	"
"	"	"	18	−8.4 MV	20 S	741201	"
"	"	"	18.0	226 F	-	761005	"
"	"	"	18.0	−8.1 M	-	721103	"
"	"	"	20	−8.39 M	9 S	731104	"
"	"	"	20	−8.03 M	10 S	721002	"
"	"	"	20	−10.3 MV	-	800103	"
"	"	"	20.0	164 F	-	761005	"
"	"	"	22.0	−7.72 M	-	700302	"
"	"	"	29	S	26 S	820803	"
"	"	"	34	12600 J	25 S	730805	"
"	"	"	53	5040 J	1.4 M	760906	"
"	"	"	61	2570 J	90 S	800403	"
"	"	"	100	2100 J	0.9 M	770211	"
"	"	"	100	2460 J	1.4 M	760906	"
"	"	"	175	880 J	1.4 M	"	"
"	"	"	350	107 J	1.6 M	"	"
"	"	"	377	35.2 J	86 S	821215	"
"	"	"	811	9.8 J	86 S	"	"
"	"	"	1000	2.7 J	55 S	780210	"
"	"	"	1000	4.0 J	1.0 M	760906	"
"	"	"	1136	3.5 J	86 S	821215	"
"	9 45 18	+13 31	100	15000 JU	12 M	711201	
MARK 124	9 45 24.3	+50 43 26	10	−24.4 H	V	760401	739901

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
"	h m s	° ′ ″	10.6	0.074 J	–	781209	"
"	"	"	1570	52 JU	1 M	761201	"
A 0945-30	9 45 28	−30 43 36	7.8	−17.7 RE	5.0 S	820901	809909
MCG-5-23-16	"	"	8.3	5.72 M	3.5 S	820311	"
A 0945-30	"	"	8.6	−17.8 RE	5.0 S	820901	"
MCG-5-23-16	"	"	9.4	5.09 M	3.5 S	820311	"
A 0945-30	"	"	9.6	−17.9 RE	5.0 S	820901	"
"	"	"	10	−17.8 RE	5.0 S	"	"
MCG-5-23-16	"	"	10.3	4.89 M	3.5 S	820311	"
A 0945-30	"	"	10.4	−17.8 RE	5.0 S	820901	"
"	"	"	11.4	−17.8 RE	5.0 S	"	"
MCG-5-23-16	"	"	12.0	4.35 M	3.5 S	820311	"
A 0945-30	"	"	12.4	−17.8 RE	5.0 S	820901	"
AFGL 4757S	9 48 09	+13 14 48	11.0	−0.7 M	10 M	770706	
AFGL 1386	9 50 00	+26 15 06	11.0	−0.8 M	10 M	760913	
HFE 10	9 50 42	+70 42	100	12000 J	12 M	711201	
NGC 3031	9 51 27.6	+69 18 13	10	0.086 J	3.9 S	780305	769909
"	"	"	10.2	−2.7 JV	–	700904	"
"	"	"	1670	13.0 JU	1 M	761201	"
M81 NUCLEUS	9 51 32	+69 18	50	−2.5 J	40 S	790205	
"	"	"	100	1.2 J	40 S	"	
M82	9 51 32.0	+69 55 00	8	S	7 S	750602	ED
"	"	"	12.8	6 X	7 S	"	"
"	9 51 43.5	+69 55 03	12.8	S	6 S	781208	
"	9 51 43.9	+69 55 01	10.4	1.43 J	5.8 S	800504	
"	"	"	10.6	3.9 J	3.9 S	"	
"	"	"	10.6	6.4 J	5.8 S	"	
"	"	"	17.7	12 J	5.8 S	"	
"	"	"	19	17 J	5.8 S	"	
"	"	"	21	14 J	3.9 S	"	
"	"	"	21	24 J	5.8 S	"	
"	"	"	22	29 J	5.8 S	"	
"	"	"	26	52 J	5.8 S	"	
"	9 51 44.0	+69 55 04	10	4 J	5 S	700904	
"	"	"	10	17.4 JV	17 S	"	
"	"	"	10	27 JV	25 S	"	
"	"	"	10	31 JV	35 S	"	
"	"	"	22	74 JV	17 S	"	
"	"	"	22	100 JV	25 S	"	
"	"	"	22	130 JV	35 S	"	
"	"	"	88.4	26 XU	75 S	791008	
NGC 3034	9 51 45.3	+69 55 11	5.0	8.4 J	V	700306	769909
"	"	"	5.0	8.4 J	6 S	720901	"
"	"	"	10	27 J	V	"	"
"	"	"	10.2	26 J	V	700306	"
M82	"	"	16	S	30 S	801202	"
"	"	"	18.7	4.3 X	30 S	"	"
NGC 3034	"	"	21	120 J	6 S	720901	"
"	"	"	22	81 J	V	700306	"
M82	"	"	41	625 J	50 S	800108	"
NGC 3034	"	"	47	1400 J	2 M	730602	"
M82	"	"	58	1066 J	50 S	800108	"
NGC 3034	"	"	65	2800 J	5 M	730602	"
M82	"	"	78	1255 J	50 S	800108	"
"	"	"	100	10000 JU	12 M	711201	"
NGC 3034	"	"	100	1400 J	2.2 M	730602	"
M82	"	"	141	630 J	50 S	800108	"
"	"	"	345	15000 J	1.4 M	720103	"
"	"	"	1000	2.7 J	55 S	780210	"
NGC 3034	"	"	1670	4.4 JU	1 M	761201	"
AFGL 4097	9 51 58	−67 20 00	27.4	−7.1 M	10 M	760913	
AFGL 1388	9 52 10	+69 54 42	11.0	−0.9 M	10 M	"	
"	"	"	19.8	−3.2 M	10 M	"	
AFGL 4098	9 52 14	−75 07 36	11.0	−2.2 M	10 M	"	
"	"	"	19.8	−3.0 M	10 M	"	
FIRSSE 247	9 53 09	+75 51 42	93	151 J	10 M	830201	
FIRSSE 248	9 55 03	+75 59 06	93	62 J	10 M	"	
3C 232	9 55 25.4	+32 38 23	10	0.16 J	6 S	720901	809908
HFE 11	9 56 07	+71 24	100	41000 J	12 M	711201	
AFGL 4761S	9 56 22	+57 02 42	11.0	−2.0 M	10 M	770706	
AFGL 4099	9 56 31	−58 38 48	11.0	−1.8 M	10 M	760913	
"	"	"	19.8	−3.2 M	10 M	"	
PI LEO	9 57 34.3	+ 8 17 05	5.0	0.40 M	–	700302	CSI 79
"	"	"	8.4	0.37 C	–	710405	"
"	"	"	8.4	0.37 M	–	710403	"
"	"	"	10.2	0.18 M	–	700302	"
"	"	"	11	0.27 M	–	710403	"
"	"	"	11.0	0.27 C	–	710405	"
"	"	"	22.0	3.63 M	–	700302	"
MARK 132	9 58 08.0	+55 09 10	10	1.75 QU	V	790509	739901
3C 234	9 58 57.4	+29 01 37	1570	21 JU	1 M	761201	769906
NGC 3077	9 59 21.9	+68 58 33	5	−3 J	V	700306	769909
"	"	"	10	3.3 J	6 S	720901	"
"	"	"	10	3.3 J	V	700306	"
"	"	"	22	25 J	V	"	"
"	"	"	33	18 JU	28 S	800108	"
"	"	"	83	86 JU	30 S	"	"
"	"	"	1670	14.1 JU	1 M	761201	"
AFGL 1393S	10 00 31	+20 57 18	19.8	−3.5 M	10 M	770706	
PG 1001+054	10 01 43.3	+ 5 27 35	10	0.024 J	6 S	820404	809908
"	"	"	20	0.060 JU	6 S	"	"
PG 1001+05	"	"	1000	1.3 JU	55 S	821106	"
AFGL 1395	10 01 55	− 2 39 42	11.0	−1.2 M	10 M	760913	
AFGL 1396	10 02 13	+ 4 50 00	11.0	−0.7 M	10 M	"	
AFGL 4766S	10 02 17	+86 48 54	11.0	−0.6 M	10 M	770706	
NGC 3115	10 02 44.4	− 7 28 32	10	0.0 JU	V	700306	759903
"	"	"	10	0.052 JU	5.7 S	780305	"
"	"	"	10.2	0.0 J	–	700904	"
HD 87643	10 02 49.7	−58 25 15	8.7	−0.67 M	13 S	761006	CSI 79
"	"	"	11.5	−1.54 M	13 S	"	"
AFGL 4767S	10 02 59	−58 26 54	11.0	−1.0 M	10 M	770706	
"	"	"	19.8	−3.7 M	10 M	"	
ETA LEO	10 04 36.4	+17 00 24	8.7	3.42 M	11 S	740807	CSI 79
HD 87737	"	"	8.7	3.42 M	–	780704	"
ETA LEO	"	"	10	3.38 M	11 S	740807	"
"	"	"	10	3.34 M	11 S	770504	"
HD 87737	"	"	10	3.38 M	–	780704	"
ETA LEO	"	"	11.4	3.22 M	11 S	740807	"
HD 87737	"	"	11.4	3.22 M	–	780704	"
PKS 1004+13	10 04 45.1	+13 03 38	10	1.63 Q	V	790509	809908
"	"	"	1000	0.8 JU	55 S	821106	"
AFGL 4101	10 04 50	−56 56 24	11.0	−2.2 M	10 M	760913	
"	"	"	19.8	−5.8 M	10 M	"	
"	"	"	27.4	−7.0 M	10 M	"	
NGC 3132	10 04 55.1	−40 11 29	10	0.34 JU	9 S	800610	739909
G282.0-1.2	10 04 55.9	−56 57 49	8.8	−16.3 R	22 S	760910	
"	"	"	9.8	−16.4 R	22 S	"	
"	"	"	10	−16.1 R	22 S	"	
"	"	"	10.6	−16.2 R	22 S	"	
"	"	"	11.7	−16.2 R	22 S	"	
"	"	"	12.6	−16.0 R	22 S	"	
"	10 04 55.9	−56 57 56	10	−24.9 L	14 S	770503	
"	"	"	10	24 J	23 S	"	
"	"	"	20	−24.2 L	14 S	"	
AFGL 1398S	10 05 09	+10 58 18	19.8	−3.4 M	10 M	770706	
AFGL 1399	10 05 15	+10 15 30	11.0	0.0 M	10 M	760913	
AFGL 4102	10 05 39	−53 00 00	11.0	−2.4 M	10 M	"	
"	"	"	19.8	−3.3 M	10 M	"	
CM VEL	10 05 41.3	−53 00 54	10	−2.25 M	9 S	790804	CSI 79
"	"	"	20	−3.48 M	9 S	"	"
"	"	"	20	−3.48 M	–	821005	"
ALF LEO	10 05 42.6	+12 12 43	5	1.6 MV	–	701105	CSI 79
"	"	"	5.0	1.50 M	–	700302	"
"	"	"	5.0	1.12 C	–	650002	"
"	"	"	8.5	1.4 MV	–	701105	"
"	"	"	8.7	1.62 M	11 S	740807	"
HD 87901	"	"	8.7	1.62 M	–	780704	"
ALF LEO	"	"	9.25	−0.04 C	–	650108	"
"	"	"	10	0.312 FV	V	660501	"
"	"	"	10	1.7 M	11 S	741110	"
"	"	"	10	1.65 M	11 S	740807	"
"	"	"	10	5.0 F	5.9 S	640201	"
HD 87901	"	"	10	1.65 M	–	780704	"
ALF LEO	"	"	10.2	0.47 M	–	700302	"
"	"	"	10.4	−0.04 C	–	650002	"
"	"	"	11.4	1.64 M	11 S	740807	"
HD 87901	"	"	11.4	1.64 M	–	780704	"
ALF LEO	"	"	12.6	1.83 M	11 S	740807	"
"	"	"	22.0	1.78 M	–	700302	"
AFGL 4772S	10 07 27	+24 36 36	11.0	−1.5 M	10 M	770706	
HFE 12	10 07 29	−59 10	100	18000 J	12 M	711201	
Z SEX	10 08 24.1	+ 2 48 17	11.3	2.8 M	–	721203	CSI 79
SEX A/A1009	10 09	− 4	1670	26.6 MU	1 M	761201	ED
TON 490	10 11 05.7	+25 04 11	10	0.019 J	6 S	820404	809908
"	"	"	1000	0.8 JU	–	810004	"
AFGL 1402S	10 11 24	+56 36 30	11.0	−0.3 M	10 M	770706	
AFGL 4774S	10 12 46	−57 34 12	11.0	−1.3 M	10 M	"	
"	"	"	19.8	−3.1 M	10 M	"	
"	"	"	27.4	−6.8 M	10 M	"	
AFGL 1403	10 13 01	+30 49 30	8.4	−4.0 MV	17 S	800213	AFGL
"	"	"	8.6	−4.2 MV	26 S	"	"
"	"	"	10.7	−4.7 MV	26 S	"	"
"	"	"	11.0	−5.1 M	10 M	760913	
"	"	"	11.2	−4.6 MV	17 S	800213	AFGL
"	"	"	12.2	−4.8 MV	26 S	"	"
"	"	"	12.5	−4.6 MV	17 S	"	"
"	"	"	18	−5.3 MV	26 S	"	"
"	"	"	19.8	−5.4 M	10 M	760913	
IRC+30219	10 13 12	+30 49 24	5.0	−2.95 M	–	700302	IRC
"	"	"	7	S	10 S	740303	"
"	"	"	10.2	−4.50 M	–	700302	"
"	"	"	22.0	−5.06 M	–	"	"
CIT 6	10 13 18	+30 49	8	S	V	721103	661001
"	"	"	8.4	−4.78 M	–	710403	"
"	"	"	8.6	−4.6 MV	20 S	741201	"
"	"	"	8.6	−4.0 M	–	721103	"
"	"	"	8.6	−4.8 M	–	721203	"
"	"	"	8.6	159 F	–	761005	"
"	"	"	10.7	−5.0 MV	20 S	741201	"
"	"	"	10.7	9.36 F	–	761005	"
"	"	"	10.8	−4.5 M	–	721103	"
"	"	"	11	−5.44 M	–	710403	"
"	"	"	11.3	−5.4 M	–	721203	"
"	"	"	12.2	−5.1 MV	20 S	741201	"
"	"	"	12.2	7.58 F	–	761005	"
"	"	"	12.2	−4.5 M	–	721103	"
"	"	"	18	−5.3 MV	20 S	741201	"
"	"	"	18.0	17.1 F	–	761005	"
"	"	"	18.0	−4.6 M	–	721103	"
"	"	"	20	−5.20 M	9 S	731104	"
RW LMI	10 13 19	+30 49 07	8.4	−4.2 CV	–	760610	GCVS
"	"	"	11.2	−4.8 CV	–	"	"
"	"	"	12.5	−4.8 CV	–	"	"
AFGL 4776S	10 13 21	−54 12 24	11.0	−2.2 M	10 M	770706	
IRC-10236	10 14 34	−14 24 30	8	S	–	760610	IRC
"	"	"	8.4	−2.4 CV	–	"	"
"	"	"	10.2	−14.8 R	–	740401	"
"	"	"	11.2	−2.9 CV	–	760610	"
"	"	"	12.5	−2.8 CV	–	"	"
AFGL 1406	10 14 36	−14 24 00	8.4	−2.3 MV	17 S	800213	AFGL
"	"	"	8.6	−2.4 M	26 S	"	"
"	"	"	8.6	−2.1 M	8.5 S	"	"
"	"	"	8.6	−2.5 M	–	"	"
"	"	"	10.3	9.7 M	8.5 S	"	"
"	"	"	10.7	−2.7 M	26 S	"	"
"	"	"	10.7	−2.9 M	–	"	"
"	"	"	11.0	−3.0 M	10 M	760913	
"	"	"	11.2	−2.8 MV	17 S	800213	AFGL
"	"	"	11.3	−2.2 M	8.5 S	"	"
"	"	"	12.2	−2.8 M	26 S	"	"
"	"	"	12.2	−3.1 M	–	"	"
"	"	"	12.5	−2.7 MV	17 S	"	"
"	"	"	18	−2.8 M	26 S	"	"
"	"	"	18	−2.6 M	–	"	"
"	"	"	19.8	−3.6 M	10 M	760913	
AFGL 4777S	10 15 02	−57 40 36	11.0	−1.7 M	10 M	770706	
MARK 141	10 15 38.7	+64 13 14	10.6	0.170 J	3.9 S	781209	739901
"	"	"	1670	16.3 JU	1 M	761201	"
AFGL 1408S	10 16 10	+18 50 18	19.8	−3.4 M	10 M	770706	
AFGL 4778S	10 16 21	−53 45 00	11.0	−2.4 M	10 M	"	
AFGL 1409S	10 16 33	+21 30 00	19.8	−3.8 M	10 M	"	
AD LEO	10 16 53.9	+20 07 18	8.7	4.16 C	10 S	741205	CSI 79
"	"	"	10.0	4.29 C	10 S	"	"
"	"	"	11.4	4.01 C	10 S	"	"
GAM 1 LEO	10 17 13.0	+20 05 42	5.0	−0.80 M	–	700302	CSI 79
GAM LEO A	"	"	10	1.306 FV	V	660501	"
GAM 1 LEO	"	"	10.2	−1.15 M	–	700302	"
"	"	"	20	−1.1 M	14 S	760901	"
"	"	"	22.0	−1.24 M	–	700302	"
GAM LEO B	10 17 13.3	+20 05 38	10	0.382 FV	V	660501	CSI 79
AFGL 1410	10 17 15	+20 05 18	11.0	−0.9 M	10 M	760913	
AFGL 4103	10 17 54	−57 41 54	11.0	−1.4 M	10 M	"	
"	"	"	19.8	−3.0 M	10 M	"	
AFGL 4104	10 18 12	−57 50 30	19.8	−4.1 M	10 M	"	
"	"	"	27.4	−6.5 M	10 M	"	
HFE 13	10 18 32	−57 22	100	27000 J	12 M	711201	

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
AFGL 4105	10h 18m 32s	−60° 10′ 30″	11.0	−2.0 M	10 M	760913	
"	"	"	19.8	−3.6 M	10 M	"	
EV CAR	10 18 37.3	−60 12 01	8.6	−0.50 M	-	720202	CSI 79
"	"	"	10	−1.61 M	9 s	790804	"
"	"	"	10.7	−2.51 M	-	720202	"
"	"	"	12.2	−2.33 M	-	"	"
"	"	"	18	−3.3 M	-	"	"
"	"	"	20	−2.91 M	9 s	790804	"
"	"	"	20	−2.91 M	-	821005	"
V ANT	10 18 54.9	−34 32 44	8.1	47 J	15 s	800510	CSI 79
"	"	"	9.57	88 J	15 s	"	"
"	"	"	10	86 J	15 s	"	"
"	"	"	12.2	46 J	15 s	"	"
"	"	"	20	48 J	15 s	"	"
"	"	"	30	50 JU	15 s	"	"
AFGL 1411	10 19 13	+41 45 00	11.0	−1.6 M	10 M	760913	
MUU UMA	10 19 21.4	+41 45 05	5.0	−0.34 M	-	700302	CSI 79
"	"	"	8.4	−0.87 M	-	710403	"
"	"	"	8.4	−0.87 C	-	710405	"
"	"	"	8.6	−1.0 M	-	721203	"
"	"	"	8.7	−0.95 M	11 s	740807	"
"	"	"	10	−0.95 M	11 s	"	"
"	"	"	10	5.66 F	5.9 s	640201	"
"	"	"	10	−0.83 C	-	670801	"
"	"	"	10	−0.93 M	-	800210	"
"	"	"	10.4	−0.93 C	-	640501	"
"	"	"	10.8	−1.2 M	-	721203	"
"	"	"	11	−1.11 M	-	710403	"
"	"	"	11.0	−1.11 C	-	710405	"
"	"	"	11.3	−1.1 M	-	721203	"
"	"	"	11.4	−1.04 M	11 s	740807	"
"	"	"	12.6	−1.04 M	11 s	"	"
"	"	"	19.5	−1.01 M	11 s	"	"
"	"	"	20	−1.30 M	-	741002	"
IRC+30220	10 19 37	+25 45 24	8.4	0.80 M	-	710403	IRC
"	"	"	11	−0.17 M	-	"	"
OH284.2-0.8	10 19 44.4	−57 50 40	8.8	−15.4 R	15 s	760910	
"	"	"	9.8	−15.4 R	15 s	"	
"	"	"	10	−15.3 R	15 s	"	
"	"	"	10.6	−15.3 R	15 s	"	
"	"	"	11.7	−15.3 R	15 s	"	
"	"	"	12.6	−15.2 R	15 s	"	
"	"	"	12.6	−15.2 R	-	770503	760910
"	"	"	18.1	−15.0 R	-	"	"
"	"	"	19.8	−15.0 R	-	"	"
"	"	"	22.9	−14.9 R	-	"	"
NGC 3227	10 20 47.6	+20 07 00	10	3 J	V	700306	769909
"	"	"	10	0.34 J	6 s	720901	"
"	"	"	10.2	0.42 J	-	700904	"
"	"	"	10.6	0.29 J	5.9 s	790405	"
"	"	"	10.6	0.280 J	-	781209	"
"	"	"	22	18 J	V	700306	"
"	"	"	1570	15 JU	1 M	761201	"
HE2-47	10 21 24.0	−60 17 22	8	S	5.3 s	820715	769910
"	"	"	8.0	4.85 JU	9 s	800610	"
"	"	"	8.8	1.00 J	9 s	"	"
"	"	"	9.8	2.85 J	9 s	"	"
"	"	"	10	2.61 J	9 s	"	"
"	"	"	10.6	2.70 J	9 s	"	"
"	"	"	11.7	2.67 J	9 s	"	"
"	"	"	12.7	4.22 J	9 s	"	"
"	"	"	20	21.7 J	9 s	"	"
AFGL 4106	10 21 32	−59 17 48	19.8	−5.8 M	10 M	760913	
"	"	"	27.4	−6.8 M	10 M	"	
NGC 3247	10 22 10	−57 30 30	10	−23.1 L	V	740906	
AFGL 4107	10 22 12	−57 31 06	11.0	−4.8 M	10 M	760913	
"	"	"	19.8	−8.0 M	10 M	"	
"	"	"	27.4	−9.0 M	10 M	"	
NGC 3242	10 22 21.3	−18 23 23	9.0	600 G	7 s	811008	739909
"	"	"	10	4.4 MU	11 s	741009	"
"	"	"	10.5	8300 G	7 s	811008	"
"	"	"	11	3.3 MU	11 s	741009	"
"	"	"	11	1.6 JU	11 s	720301	"
"	"	"	11	1.6 JU	-	"	"
"	"	"	12.8	100 GU	7 s	811008	"
"	"	"	37	28 J	27 s	800604	"
"	"	"	70	14 J	27 s	"	"
CK CAR	10 22 38.9	−59 56 15	8.6	0.38 M	-	720202	CSI 79
"	"	"	10.7	−1.62 M	-	"	"
"	"	"	12.2	−1.30 M	-	"	"
"	"	"	18	−2.2 M	-	"	"
AFGL 1416	10 23 43	−16 33 06	11.0	−0.3 M	10 M	760913	
HD 90586	10 24 18.5	−53 38 11	8.6	1.05 M	-	720202	CSI 79
"	"	"	10.7	−0.31 M	-	"	"
"	"	"	12.2	−0.3 M	-	"	"
AFGL 1417	10 24 21	+ 5 52 54	19.8	−4.7 M	10 M	760913	
CZ HYA	10 24 57.9	−25 17 47	20	−1.2 M	14 s	760901	CSI 79
AFGL 4782S	10 25 00	+36 57 24	11.0	−1.4 M	10 M	770706	
HFE 14	10 25 04	−57 38	100	29000 J	12 M	711201	
FIRSSE 249	10 26 00	−28 48 48	93	138 J	10 M	830201	
AFGL 4784S	10 26 34	+84 00 18	11.0	−0.9 M	10 M	770706	
HD 91093	10 27 39.7	−57 43 17	8.6	0.80 M	-	720202	CSI 79
"	"	"	10.7	−0.26 M	-	"	"
"	"	"	12.2	0.0 MU	-	"	"
AFGL 1418S	10 27 41	+75 09 00	11.0	−1.6 M	10 M	770706	
"	"	"	19.8	−3.7 M	10 M	"	
HD 91120	10 28 32.3	−13 19 51	8.7	5.18 MU	11 s	740807	CSI 79
285.05+0.07	10 28 43.3	−57 33 27	8.2	1.25 KV	12 s	820308	
"	"	"	9.6	1.25 KV	12 s	"	
"	"	"	10	1.28 KV	12 s	"	
"	"	"	12.2	1.25 KV	12 s	"	
"	"	"	19.9	1.36 K	12 s	"	
AFGL 4108	10 29 05	−57 36 48	11.0	−1.8 M	10 M	760913	
"	"	"	19.8	−3.0 M	10 M	"	
MARK 33	10 29 22.2	+54 39 23	10	0.099 J	6 s	720901	739901
AFGL 4109	10 29 35	−57 45 36	11.0	−2.5 M	10 M	760913	
"	"	"	19.8	−5.4 M	10 M	"	
"	"	"	27.4	−7.0 M	10 M	"	
G285.3-0.0	10 29 35.7	−57 46 37	8.8	−16.1 R	29 s	760910	
"	"	"	9.8	−16.1 R	29 s	"	
"	"	"	10	−24.2 L	V	740906	
"	"	"	10	−16.0 R	29 s	760910	
"	"	"	10.6	−16.2 R	29 s	"	
"	"	"	11.7	−16.1 R	29 s	"	
"	"	"	12.6	−16.0 R	29 s	"	
AFGL 1421S	10 29 45	+44 07 30	11.0	−0.5 M	10 M	770706	
"	"	"	19.8	−3.1 M	10 M	"	
RHO LEO	10 30 10.7	+ 9 33 51	8.7	3.92 M	11 s	740807	CSI 79

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
HD 91316	h m s	° ′ ″	8.7	3.92 M	-	780704	"
RHO LEO	"	"	10	4.05 M	11 s	770504	"
"	"	"	10	4.17 M	11 s	740807	"
HD 91316	"	"	10	4.17 M	-	780704	"
P CAR	10 30 14.4	−61 25 38	10.2	1.6 M	12 s	820309	CSI 79
AFGL 1423	10 30 36	+70 01 24	8.6	0.6 MV	26 s	800213	AFGL
"	"	"	10.7	0.1 MV	26 s	"	"
"	"	"	11.0	−1.1 M	10 M	760913	
"	"	"	12.2	−0.1 MV	26 s	800213	AFGL
"	"	"	19.8	−3.3 M	10 M	760913	
AFGL 1424	10 30 47	− 7 12 54	11.0	−1.7 M	10 M	"	
MARK 34	10 30 52.2	+60 17 20	10	−24.5 H	V	760401	739901
"	"	"	10	0.13 JU	6 s	720901	"
"	"	"	10.6	0.055 J	-	781209	"
"	"	"	1570	41 JU	1 M	761201	"
AFGL 4786S	10 31 17	+68 44 18	19.8	−3.2 M	10 M	770706	
FIRSSE 250	10 31 54	−29 18 42	93	57 J	10 M	830201	
AFGL 4788S	10 32 47	−48 36 54	11.0	−1.7 M	10 M	770706	
AFGL 4789S	10 33 32	−63 20 54	19.8	−4.0 M	10 M	"	
CP-57 3502	10 33 48.9	−57 59 09	8.6	1.5 M	-	720202	CSI 79
"	"	"	10.7	0.3 M	-	"	"
"	"	"	12.2	0.0 M	-	"	"
1034-293	10 34	−29 18	1000	1.3 JU	-	800818	ED
AFGL 1426	10 34 31	− 3 47 36	19.8	−4.6 M	10 M	760913	
FIRSSE 251	10 34 56	−28 51 06	27	56 J	10 M	830201	
"	"	"	40	411 J	10 M	"	
U HYA	10 35 04.9	−13 07 24	8.4	−1.63 C	-	710203	CSI 79
"	"	"	8.4	11.0 F	-	761005	"
"	"	"	11.0	−1.82 C	-	710203	"
"	"	"	11.0	4.60 F	-	761005	"
"	"	"	20	−2.08 M	-	741002	"
"	"	"	20.0	0.492 F	-	761005	"
AFGL 1427	10 35 08	−13 06 06	8.4	−1.6 M	11 s	800213	AFGL
"	"	"	11.0	−1.9 M	10 M	760913	
"	"	"	11.2	−1.8 M	11 s	800213	AFGL
"	"	"	19.8	−2.8 M	10 M	760913	
AFGL 1428	10 35 16	−11 46 48	11.0	−1.0 M	10 M	"	
AFGL 4110	10 35 22	−58 20 30	19.8	−4.5 M	10 M	"	
"	"	"	27.4	−6.5 M	10 M	"	
AFGL 4111	10 35 55	−58 30 18	11.0	−2.1 M	10 M	"	
"	"	"	19.8	−3.9 M	10 M	"	
AFGL 1429S	10 37 07	+72 54 12	11.0	−0.5 M	10 M	770706	
"	"	"	19.8	−2.7 M	10 M	"	
AFGL 1430S	10 37 12	−22 03 42	19.8	−3.9 M	10 M	"	
HFE 15	10 37 21	−56 51	100	20000 J	12 M	711201	
AFGL 4112	10 38 31	−59 09 42	11.0	−1.6 M	10 M	760913	
"	"	"	19.8	−2.7 M	10 M	"	
AFGL 1431	10 39 41	+69 21 00	8.6	1.4 M	26 s	800213	AFGL
"	"	"	10.7	1.4 M	26 s	"	"
"	"	"	11.0	−1.2 M	10 M	760913	
286.50+0.06	10 39 59.7	−58 17 41	8.2	1.43 KV	12 s	820308	
"	"	"	9.6	1.42 KV	12 s	"	
"	"	"	10	1.53 KV	12 s	"	
"	"	"	12.2	1.36 KV	12 s	"	
"	"	"	19.9	1.40 K	12 s	"	
R UMA	10 41 07.5	+69 02 23	6.3	90 J	-	790402	779907
"	"	"	20	−1.80 M	-	741002	"
THE CAR	10 41 10.0	−64 07 54	10.7	1.6 MU	-	730303	CSI 79
AFGL 1432	10 41 12	+69 03 54	11.0	−1.3 M	10 M	760913	
CARINA I	10 41 27	−59 19 00	35	S	40 s	790105	
"	"	"	80	600 J	40 s	"	
VY UMA	10 41 37.2	+67 40 27	5.0	−0.29 M	-	700302	779907
"	"	"	8.4	−0.18 C	-	710203	"
"	"	"	8.4	4.13 F	-	761005	"
"	"	"	8.4	−0.18 C	-	710405	"
"	"	"	10.2	−1.21 M	-	700302	"
"	"	"	11.0	−0.39 C	-	710405	"
"	"	"	11.0	−0.39 C	-	710203	"
"	"	"	11.0	1.76 F	-	761005	"
AFGL 1433	10 41 45	+67 41 48	8.4	−0.2 M	11 s	800213	AFGL
"	"	"	11.0	−0.6 M	10 M	760913	
"	"	"	11.2	−0.4 M	11 s	800213	AFGL
UMA #1	10 42	+48 15	22	700 X	3 D	681203	
AFGL 1434	10 42 28	− 6 35 12	11.0	−0.5 M	10 M	760913	
AFGL 4113	10 42 29	−59 50 12	19.8	−4.8 M	10 M	"	
AFGL 1435S	10 42 45	+52 30 54	11.0	−0.8 M	10 M	770706	
"	"	"	19.8	−2.6 M	10 M	"	
CD-58 3538	10 42 50.2	−59 08 59	8.6	0.60 M	-	720202	CSI 79
"	"	"	10.7	−1.50 M	-	"	"
"	"	"	12.2	−1.42 M	-	"	"
"	"	"	18	−2.3 M	-	"	"
CARINA II	10 42 57	−59 23 00	35	S	40 s	790105	
"	"	"	80	160 J	40 s	"	
HD 93281	10 43 01.0	−59 40 18	8.6	2.0 MU	-	720202	CSI 79
"	"	"	10.7	1.0 MU	-	"	"
ETA CAR	10 43 06.9	−59 25 14	8	S	6 s	750707	CSI 79
"	"	"	8	S	13 s	"	"
"	"	"	8.1	−6.05 M	10 s	780802	"
"	"	"	8.1	−6.19 M	14 s	"	"
"	"	"	8.1	−6.23 M	19 s	"	"
"	"	"	8.1	−4.84 M	3.2 s	"	"
"	"	"	8.1	−5.76 M	7.2 s	"	"
"	"	"	8.4	−6.49 MV	16 s	730007	"
"	"	"	8.4	3.4E5 I	1.1 s	791011	"
"	"	"	8.6	−6.00 M	5 s	730024	"
"	"	"	8.6	−6.32 M	10 s	"	"
"	"	"	9.6	−7.32 M	10 s	780802	"
"	"	"	9.6	−7.47 M	14 s	"	"
"	"	"	9.6	−7.52 M	19 s	"	"
"	"	"	9.6	−5.77 M	3.2 s	"	"
"	"	"	9.6	−6.97 M	7.2 s	"	"
"	"	"	10.2	−7.87 MV	16 s	730007	"
"	"	"	10.2	4.7E5 I	1.1 s	791011	"
"	"	"	11.2	−8.40 MV	16 s	730007	"
"	"	"	11.2	4.1E5 I	1.1 s	791011	"
"	"	"	11.3	−7.74 M	5 s	730024	"
"	"	"	11.3	−8.07 M	10 s	"	"
"	"	"	12.2	−8.02 M	5 s	"	"
"	"	"	12.2	−8.41 M	10 s	"	"
"	"	"	12.2	−8.24 M	10 s	780802	"
"	"	"	12.2	−8.46 M	14 s	"	"
"	"	"	12.2	−8.57 M	19 s	"	"
"	"	"	12.2	−6.51 M	3.2 s	"	"
"	"	"	12.2	−7.82 M	7.2 s	"	"
"	"	"	18	−8.89 M	5 s	730024	"
"	"	"	18	−9.44 M	10 s	"	"
"	"	"	18	D	-	"	"
"	"	"	20	−9.82 MV	16 s	730007	"

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
"	h m s	° ′ ″	20	−9.4 M	–	770503	"
"	"	"	22	−9.39 M	10 s	730024	"
"	"	"	35	38000 J	28 s	781012	"
"	"	"	53	19000 J	V	"	"
"	"	"	80	7700 J	30 s	"	"
"	"	"	100	5200 J	32 s	"	"
"	"	"	175	1000 J	45 s	"	"
AFGL 4114	10 43 07	−59 23 36	8.6	−6.3 MV	–	800213	AFGL
"	"	"	10.6	−7.6 M	–	"	"
"	"	"	10.7	−8.1 MV	–	"	"
"	"	"	11.0	−6.9 M	10 M	760913	
"	"	"	12.2	−8.4 MV	–	800213	AFGL
"	"	"	18	−9.4 MV	–	"	"
"	"	"	19.8	−8.2 M	10 M	760913	
"	"	"	27.4	−10.6 M	10 M	"	
G287.6–0.6	10 43 16	−59 23 47	1000	43 J	2 M	781010	ED
SV UMA	10 43 27.8	+55 17 57	11.3	2.5 MU	–	721203	779907
AFGL 4793S	10 43 42	−59 52 48	11.0	−1.4 M	10 M	770706	
BO CAR	10 43 53.1	−59 13 30	8.6	1.27 M	–	720202	CSI 79
"	"	"	10.7	0.5 MU	–	"	"
"	"	"	12.2	1.0 MU	–	"	"
AFGL 4116	10 45 14	−59 45 42	11.0	−1.6 M	10 M	760913	
"	"	"	19.8	−4.0 M	10 M	"	
AFGL 1437	10 46 10	+ 8 55 48	8.4	0.93 M	17 s	790401	
"	"	"	11.2	0.13 M	17 s	"	
"	"	"	12.5	0.33 M	17 s	"	
"	10 46 11	+ 8 56 48	11.0	−0.5 M	10 M	760913	
AFGL 1438	10 47 07	−15 54 54	11.0	−2.1 M	10 M	"	
"	"	"	19.8	−3.0 M	10 M	"	
MARK 155	10 48 24.0	+44 50 07	8.4	4.8 MU	V	760706	739901
IX CAR	10 48 27.4	−59 43 01	8.6	1.07 M	–	720202	CSI 79
"	"	"	10.7	−1.05 M	–	"	"
"	"	"	12.2	−1.0 M	–	"	"
"	"	"	18	−1.8 M	–	"	"
AFGL 1439	10 49 11	−21 00 00	8.4	−3.6 M	11 s	800213	AFGL
"	"	"	8.4	−3.4 MV	17 s	"	"
"	"	"	11.0	−3.6 M	10 M	760913	
"	"	"	11.2	−3.1 M	11 s	800213	AFGL
"	"	"	11.2	−4.0 MV	17 s	"	"
"	"	"	12.5	−4.0 MV	17 s	"	"
"	"	"	19.8	−4.0 M	10 M	760913	
V HYA	10 49 11.3	−20 59 03	8	S	–	760609	CSI 79
"	"	"	8	S	V	721103	"
"	"	"	8.4	−3.56 C	–	710405	"
"	"	"	8.4	−3.52 M	–	710403	"
"	"	"	8.4	−3.58 C	–	710203	"
"	"	"	8.4	86.5 F	–	761005	"
"	"	"	8.4	−3.45 CV	–	750104	"
"	"	"	8.6	−3.6 M	–	721203	"
"	"	"	8.6	−3.6 M	–	721103	"
"	"	"	8.6	66.1 F	–	761005	"
"	"	"	10.8	46.9 F	–	"	"
"	"	"	10.8	−4.0 M	–	721203	"
"	"	"	10.8	−4.2 M	–	721103	"
"	"	"	11	−4.00 CV	–	750104	"
"	"	"	11	−4.12 M	–	710403	"
"	"	"	11.0	−4.10 C	–	710405	"
"	"	"	11.0	−4.06 C	–	710203	"
"	"	"	11.0	47.3 F	–	761005	"
"	"	"	11.3	−4.0 M	–	721203	"
"	"	"	12.2	31.6 F	–	761005	"
"	"	"	12.2	−4.2 M	–	721103	"
"	"	"	12.8	−4.1 M	–	721203	"
"	"	"	18.0	6.22 F	–	761005	"
"	"	"	18.0	−4.2 M	–	721103	"
"	"	"	20	−4.31 M	9 s	731104	"
"	"	"	20	−4.5 M	–	721203	"
"	"	"	20.0	3.84 F	–	761005	"
FIRSSE 252	10 49 12	−20 59 12	20	541 J	10 M	830201	
"	"	"	27	291 J	10 M	"	
"	"	"	40	714 J	10 M	"	
"	"	"	93	60 J	10 M	"	
AFGL 1441	10 50 59	+13 58 54	8.4	0.62 M	17 s	790401	
"	"	"	11.2	−0.36 M	17 s	"	
"	"	"	12.5	−0.37 M	17 s	"	
"	10 50 59	+14 00 06	11.0	−0.9 M	10 M	760913	
UMA #2	10 52	+45 10	22	200 X	3 D	681203	
AFGL 1443	10 52 01	+72 08 42	11.0	−0.2 M	10 M	760913	
HD 94599	10 52 03.9	−60 49 54	8.6	0.15 M	–	720202	CSI 79
"	"	"	10.7	−1.18 M	–	"	"
"	"	"	12.2	−1.18 M	–	"	"
IRC+70102	10 52 06	+72 08 30	10.2	−15.9 R	–	740401	IRC
AFGL 1445S	10 52 39	+22 25 00	19.8	−3.2 M	10 M	770706	
AFGL 1446	10 53 18	+ 6 25 30	11.0	−1.4 M	10 M	760913	
VY LEO	10 53 25.7	+ 6 27 08	8.4	−0.90 M	–	710403	CSI 79
"	"	"	8.4	−0.90 C	–	710405	"
"	"	"	11	−1.24 M	–	710403	"
"	"	"	11.0	−1.24 C	–	710405	"
"	"	"	20	−1.5 M	14 s	760901	"
AFGL 1446	10 53 25.7	+ 6 27 09	8.4	−1.00 M	17 s	790401	
"	"	"	11.2	−1.16 M	17 s	"	
"	"	"	12.5	−1.19 M	17 s	"	
AFGL 1447S	10 53 33	+74 24 36	11.0	−1.5 M	10 M	770706	
AFGL 4118	10 53 50	−60 09 36	11.0	−1.7 M	10 M	760913	
"	"	"	19.8	−3.7 M	10 M	"	
GG CAR	10 53 57.9	−60 07 30	8.0	9.85 J	9 s	800610	CSI 79
"	"	"	8.8	10.6 J	9 s	"	"
"	"	"	9.8	11.0 J	9 s	"	"
"	"	"	10	10.5 J	9 s	"	"
"	"	"	10	1.46 M	9 s	790804	"
"	"	"	10.6	10.6 J	9 s	800610	"
"	"	"	11.7	9.05 J	9 s	"	"
"	"	"	12.7	7.73 J	9 s	"	"
"	"	"	20	0.84 M	9 s	790804	"
AG CAR	10 54 10.5	−60 11 09	8.8	1.89 J	9 s	800610	CSI 79
"	"	"	10	1.65 J	9 s	"	"
"	"	"	11.7	1.14 J	9 s	"	"
"	"	"	20	10.7 JU	9 s	"	"
AFGL 4119	10 54 14	−59 50 18	11.0	−1.0 M	10 M	760913	
"	"	"	19.8	−4.1 M	10 M	"	
HM 2	10 55 25	−76 56 08	10	2.4 MU	–	750201	GCVS
PKS 1055+01	10 55 55.5	+ 1 49 42	1000	1.7 J	55 s	821106	809908
1055+01	"	"	1000	1.2 JU	55 s	810103	"
MARK 158	10 56 01.6	+61 47 46	8.4	3.9 MU	13 s	760706	739901
HFE 16	10 56 12	−57 01	100	20000 J	12 M	711201	
AFGL 4120	10 56 46	−60 55 30	19.8	−3.8 M	10 M	760913	
"	"	"	27.4	−6.5 M	10 M	"	
NGC 3486	10 57 40.0	+29 14 40	10	0.119 JU	5.7 s	780305	769909

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
	h m s	° ′ ″					
HM 4	10 57 51	−76 46	10	3.1 MU	–	750201	739903
R CRT	10 58 05.9	−18 03 20	8.7	−1.94 M	13 s	761006	CSI 79
"	"	"	10.0	−2.9 MV	–	790101	"
"	"	"	11.5	−2.98 M	13 s	761006	"
"	"	"	20	−3.83 M	–	741002	"
AFGL 1450	10 58 06	−18 03 24	11.0	−2.9 M	10 M	760913	
"	"	"	19.8	−3.9 M	10 M	"	
FIRSSE 253	10 58 06	−18 04 06	20	391 J	10 M	830201	
"	"	"	27	202 J	10 M	"	
"	"	"	93	39 J	10 M	"	
IC 2621	10 58 23.5	−64 58 47	8	S	5.3 s	820715	769910
"	"	"	8.0	2.72 J	9 s	800610	"
"	"	"	8.8	2.65 J	9 s	"	"
"	"	"	9.0	1300 G	7 s	811008	"
"	"	"	9.8	2.22 J	9 s	800610	"
"	"	"	10	3.84 J	9 s	"	"
"	"	"	10.5	4500 G	7 s	811008	"
"	"	"	10.6	4.70 J	9 s	800610	"
"	"	"	11.7	5.29 J	9 s	"	"
"	"	"	12.7	7.05 J	9 s	"	"
"	"	"	12.8	100 GU	7 s	811008	"
"	"	"	20	16.2 J	9 s	800610	"
AFGL 4121	10 58 39	−59 33 30	11.0	−1.9 M	10 M	760913	
AFGL 4122	10 58 50	−60 33 36	11.0	−2.2 M	10 M	"	
"	"	"	19.8	−3.6 M	10 M	"	
WU 1059+67.6	10 59	+67 36	280	5E6 X	1 D	741104	ED
AFGL 1451S	10 59 01	+73 08 12	19.8	−3.3 M	10 M	770706	
HD 95687	10 59 32.7	−60 46 46	8.6	0.95 M	–	720202	CSI 79
"	"	"	10.7	−0.70 M	–	"	"
"	"	"	12.2	−0.80 M	–	"	"
3C 249.1	11 00 27.4	+77 15 08	10	1.36 Q	V	790509	809908
NGC 3504	11 00 28.1	+28 14 35	5.0	0.20 J	6 s	720901	769909
"	"	"	10	0.21 J	2.9 s	760510	"
"	"	"	10	0.27 J	3.9 s	"	"
"	"	"	10	0.30 J	4.3 s	"	"
"	"	"	10	0.34 J	5.7 s	"	"
"	"	"	10	0.40 J	5.9 s	"	"
"	"	"	10	0.55 J	6 s	720901	"
"	"	"	10	0.41 J	8.5 s	760510	"
"	"	"	10.6	0.36 J	5.9 s	790405	"
"	"	"	21	0.4 J	6 s	720901	"
"	"	"	21	1.6 J	5.9 s	790405	"
AFGL 1454	11 00 29	+62 00 00	8.4	−0.9 M	11 s	800213	AFGL
"	"	"	11.0	−1.0 M	10 M	760913	
"	"	"	11.2	−0.8 M	11 s	800213	AFGL
LALL 21185	11 00 36.5	+36 18 19	8.4	2.72 M	–	710403	CSI 79
BD+36 2147	"	"	8.7	3.05 C	10 s	741205	"
"	"	"	10.0	3.10 C	10 s	"	"
LALL 21185	"	"	11	2.32 M	–	710403	"
BD+36 2147	"	"	11.4	3.10 C	10 s	741205	"
ALF UMA	11 00 39.5	+62 01 15	5.0	−0.66 M	–	700302	CSI 79
"	"	"	8.4	−0.88 C	–	710405	"
"	"	"	8.4	−0.87 C	–	710203	"
"	"	"	10	4.30 F	5.9 s	640201	"
"	"	"	10.2	−0.91 M	–	700302	"
"	"	"	10.4	−0.63 C	–	640501	"
"	"	"	11.0	−0.81 C	–	710203	"
"	"	"	11.0	−0.88 C	–	710405	"
"	"	"	22.0	−0.81 M	–	700302	"
HM 7	11 01 06	−77 17	10	4.4 MU	–	750201	739903
MARK 421	11 01 40.6	+38 28 43	8.4	4.7 MU	13 s	760706	809908
"	"	"	10.5	0.260 JU	V	761209	"
"	"	"	10.6	0.097 J	6 s	750606	"
"	"	"	10.6	0.027 JV	–	771203	"
AFGL 1456S	11 02 45	+72 57 24	11.0	−1.3 M	10 M	770706	
"	"	"	19.8	−2.8 M	10 M	"	
NGC 3521	11 03 15.1	+ 0 13 58	10	0.044 JU	5.7 s	780305	769909
NGC 3516	11 03 22.6	+72 50 25	10	0.6 JU	6 s	720901	769909
"	"	"	10.2	0.17 J	–	700904	"
"	"	"	10.6	0.230 J	3.9 s	781209	"
"	"	"	1570	12 JU	1 M	761201	"
AFGL 4799S	11 03 50	−62 13 30	19.8	−3.3 M	10 M	770706	
AFGL 4123	11 03 59	−41 53 00	11.0	−2.6 M	10 M	760913	
AFGL 1457	11 04 50	+49 27 24	8.6	1.5 M	26 s	800213	AFGL
"	"	"	10.7	1.3 M	26 s	"	"
"	"	"	12.2	1.0 M	26 s	"	"
AFGL 1458	11 04 53	−11 11 42	11.0	−0.8 M	10 M	760913	
CED 110	11 04 54	−77 06	10	2.9 MU	–	750201	ED
AFGL 1459S	11 05 07	+77 38 42	11.0	−1.0 M	10 M	770706	
"	"	"	19.8	−3.2 M	10 M	"	
HM 13	11 06 00	−77 22	10	2.8 M	–	750201	739903
BS 4337	11 06 26.7	−58 42 12	8.6	1.32 M	V	710701	CSI 79
"	"	"	10.8	0.70 M	V	"	"
"	"	"	12.2	0.95 M	V	"	"
HD 97048	11 06 39.5	−77 23 00	8	S	5 s	810715	CSI 79
HM 18	"	"	10	3.0 MU	–	750201	"
AFGL 1462	11 06 40	+36 34 06	11.0	−0.4 M	10 M	760913	
AFGL 4801S	11 07 26	−43 47 42	11.0	−2.4 M	10 M	770706	
AFGL 1466S	11 07 53	+ 1 18 36	11.0	−1.1 M	10 M	"	
HD 97300	11 08 17.9	−76 20 29	10	3.1 MU	–	750201	CSI 79
NGC 3556	11 08 36.8	+55 56 33	1000	1.4 J	55 s	780210	769909
AFGL 4124	11 09 39	−61 02 30	11.0	−3.7 M	10 M	760913	
"	"	"	19.8	−7.5 M	10 M	"	
"	"	"	27.4	−8.8 M	10 M	"	
NGC 3576 4	11 09 41.1	−61 02 50	9.0	2400 G	7 s	820405	ED
"	"	"	10.5	−400 G	7 s	"	"
"	"	"	12.8	37100 G	V	"	"
NGC 3576 3	11 09 43.2	−61 02 48	9.0	22400 G	7 s	"	ED
"	"	"	10.5	19800 G	7 s	"	"
"	"	"	12.8	88200 G	V	"	"
NGC 3576 2	11 09 43.6	−61 02 15	9.0	37600 G	7 s	"	ED
"	"	"	10.5	49200 G	7 s	"	"
"	"	"	12.8	1.2E5 G	V	"	"
RCW 57	11 09 43.9	−61 02 09	1000	146 J	65 s	800807	
AFGL 1468S	11 09 45	+28 49 12	11.0	−0.3 M	10 M	770706	
291.27–0.71#2	11 09 46.0	−61 02 06	8.3	S	7 s	811014	
NGC 3576 1	11 09 46.0	−61 02 10	9.0	35500 G	7 s	820405	ED
"	"	"	10.5	80400 G	7 s	"	"
"	"	"	12.8	97900 G	V	"	"
NGC 3576	11 09 46.3	−61 02 09	8.8	−15.7 R	15 s	760910	
"	"	"	9.8	−15.8 R	15 s	"	
"	"	"	10	−23.1 L	V	740906	
"	"	"	10	−15.5 R	15 s	760910	
"	"	"	10.6	−15.8 R	15 s	"	
"	"	"	11.7	−15.5 R	15 s	"	
"	"	"	12.6	−15.3 R	15 s	"	
"	11 09 47	−61 02	9.0	1.3E5 G	7 s	820405	
"	"	"	10.5	2.0E5 G	7 s	"	

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
"	h m s	° ′ ″	12.8	4.6E5 G	V	"	
NGC 3576 7	"	"	9.0	8000 G	7 S	"	
"	"	"	10.5	21700 G	7 S	"	
"	"	"	12.8	28200 G	V	"	
291.27–0.71#3	11 09 48.3	−61 02 39	8.3	S	7 S	811014	
NGC 3576 5	11 09 52.3	−61 02 10	9.0	7900 G	7 S	820405	ED
"	"	"	10.5	9900 G	7 S	"	"
"	"	"	12.8	53600 G	V	"	"
NGC 3576 6	11 09 55	−61 02 24	9.0	11800 G	7 S	"	ED
"	"	"	10.5	18600 G	7 S	"	"
"	"	"	12.8	38500 G	V	"	"
G291.3–0.7	11 10	−61 02	1000	103 J	2 M	781010	ED
"	11 10 00	−61 02 10	12.6	−15.3 R	–	770503	ED
"	"	"	18.1	−15.2 R	–	"	"
"	"	"	19.8	−15.2 R	–	"	"
"	"	"	22.9	−15.1 R	–	"	"
HD 97534	11 10 26.7	−60 02 40	8.6	2.84 M	–	740603	CSI 79
AFGL 4125	11 10 32	−60 34 54	19.8	−4.2 M	10 M	760913	
HM 30	11 10 55	−76 28	10	2.3 M	–	750201	739903
AFGL 1469S	11 11 20	− 8 43 36	11.0	−1.0 M	10 M	770706	
HD 97671	11 11 20.5	−59 49 15	8.6	−1.27 M	–	720202	CSI 79
"	"	"	10.7	−2.07 M	–	"	"
"	"	"	12.2	−1.93 M	–	"	"
"	"	"	18	−2.6 M	–	"	"
NGC 3587	11 11 51	+55 18	10	3.9 MU	11 S	741009	RNGC
AFGL 4803S	11 12 10	+73 29 54	11.0	−1.2 M	10 M	770706	
72 LEO	11 12 32.7	+23 22 04	8.4	−0.26 C	–	710405	CSI 79
"	"	"	8.4	−0.26 M	–	710403	"
"	"	"	11	−0.38 M	–	"	"
"	"	"	11.0	−0.38 C	–	710405	"
AFGL 1474	11 12 39	+75 23 42	8.6	−0.2 MV	26 S	800213	AFGL
"	"	"	10.7	−1.1 MV	26 S	"	"
"	"	"	11.0	−1.4 M	10 M	760913	
"	"	"	12.2	−1.1 MV	26 S	800213	AFGL
"	"	"	18	−1.4 M	26 S	"	"
AFGL 4126	11 12 48	−60 58 12	11.0	−4.6 M	10 M	760913	
"	"	"	19.8	−8.2 M	10 M	"	
"	"	"	27.4	−9.6 M	10 M	"	
NGC 3603 IRS1	11 12 50.8	−60 59 37	10	−23.9 L	22 S	770503	
G291.6–0.5	"	"	12.6	−15.5 R	–	"	ED
"	"	"	18.1	−15.2 R	–	"	"
"	"	"	19.8	−15.2 R	–	"	"
NGC 3603 IRS1	"	"	20	−23.2 L	22 S	"	
G291.6–0.5	"	"	22.9	−15.2 R	–	"	ED
NGC 3603	11 12 51.1	−60 59 38	8.8	−15.6 R	22 S	760910	
"	"	"	9.8	−15.6 R	22 S	"	
"	"	"	10	−15.5 R	22 S	"	
"	"	"	10.6	−15.5 R	22 S	"	
"	"	"	11.7	−15.5 R	22 S	"	
"	"	"	12.6	−15.5 R	22 S	"	
NGC 3603 IRS1	11 12 51.5	−60 59 38	10	67 J	14 S	770503	ED
"	"	"	20	380 J	14 S	"	"
NGC 3603 IRS4	11 12 52.3	−60 58 08	10	1.66 M	1 M	"	
NGC 3603 W	11 12 53.0	−60 59 30	10.5	1.2E5 G	7 S	820405	ED
"	"	"	12.8	45400 G	7 S	"	"
NGC 3603 E	11 12 58.5	−61 00 20	10.5	3.0E5 G	7 S	"	ED
"	"	"	12.8	1.2E5 G	7 S	"	"
NGC 3603	11 12 59	−61 00	10.5	4.1E5 G	7 S	"	ED
"	"	"	12.8	1.6E5 G	7 S	"	"
AFGL 4805S	11 13 20	+13 34 18	11.0	−0.6 M	10 M	770706	
AFGL 4806S	11 14 13	+10 03 54	11.0	−0.7 M	10 M	"	
AFGL 4127	11 14 27	−61 12 36	11.0	−1.1 M	10 M	760913	
"	"	"	19.8	−3.5 M	10 M	"	
75 LEO	11 14 42.9	+ 2 17 07	8.4	1.23 C	–	710405	CSI 79
"	"	"	8.4	1.23 M	–	710403	"
"	"	"	11	1.01 M	–	"	"
"	"	"	11.0	1.01 C	–	710405	"
AFGL 4128	11 15 16	−65 34 42	11.0	−2.1 M	10 M	760913	
"	"	"	19.8	−2.7 M	10 M	"	
AFGL 4807S	11 15 43	−39 37 36	11.0	−2.2 M	10 M	770706	
UMA #3	11 16	+43 01	22	200 X	3 D	681203	
AFGL 4808S	11 16 10	−61 09 06	11.0	−1.4 M	10 M	770706	
"	"	"	27.4	−6.2 M	10 M	"	
AFGL 4809S	11 16 15	−46 05 18	11.0	−1.5 M	10 M	"	
"	"	"	19.8	−3.4 M	10 M	"	
NGC 3623	11 16 18.6	+13 22 00	10	0.045 JU	5.7 S	780305	769909
AFGL 4810S	11 17 27	+12 23 12	19.8	−3.2 M	10 M	770706	
NGC 3627	11 17 37.9	+13 16 08	10	0.15 J	6 S	720901	769909
"	"	"	10	0.11 J	5.7 S	780305	"
AFGL 1478S	11 18 32	+ 4 33 42	11.0	−0.9 M	10 M	770706	
AFGL 4130	11 19 04	−55 30 30	11.0	−1.9 M	10 M	760913	
"	"	"	19.8	−2.7 M	10 M	"	
HD 98817	11 19 23.7	−60 42 23	8.6	1.6 M	–	720202	CSI 79
"	"	"	10.7	1.0 MU	–	"	"
"	"	"	12.2	0 MU	–	"	"
AFGL 1481	11 20 29	+24 24 18	11.0	−1.1 M	10 M	760913	
"	"	"	19.8	−2.7 M	10 M	"	
AFGL 4811S	11 20 48	+17 05 24	10.7	0.1 MU	26 S	800213	770706
IRC+20228	11 21 03	+17 07 12	10.7	0.1 MU	–	740705	IRC
AFGL 1482	11 21 27	−19 36 30	11.0	−1.7 M	10 M	760913	
AFGL 4812S	11 22 17	−48 07 00	19.8	−3.8 M	10 M	770706	
AFGL 1487	11 23 20	+ 9 30 30	11.0	−0.3 M	10 M	760913	
"	"	"	19.8	−3.8 M	10 M	"	
NGC 3675	11 23 24.2	+43 51 36	10	1.0 JV	V	700306	769909
"	"	"	10	0.28 J	6 S	720901	"
"	"	"	10.2	0.26 J	–	700904	"
"	"	"	22	17 JV	V	700306	"
AFGL 4816S	11 24 22	+13 09 06	11.0	−0.6 M	10 M	770706	
AFGL 4817S	11 24 59	+ 3 08 00	19.8	−2.7 M	10 M	"	
ST UMA	11 25 06.8	+45 27 38	8.6	−0.1 M	–	721103	779907
"	"	"	10.8	−0.4 M	–	"	"
"	"	"	12.2	−0.6 M	–	"	"
"	"	"	18.0	−0.1 M	–	"	"
AFGL 1488	11 25 10	+15 25 06	11.0	−0.5 M	10 M	760913	
MARK 171 B	11 25 41.8	+58 50 00	8.4	4.3 M	13 S	760706	769909
NGC 3690	11 25 44.2	+58 50 23	5.0	0.25 J	6 S	720901	769909
MARK 171 A	"	"	8.4	4.7 M	13 S	760706	"
NGC 3690	"	"	10	0.51 J	6 S	720901	"
MARK 171	"	"	10.5	0.510 J	V	761209	"
"	"	"	10.6	0.75 J	8.5 S	790405	"
MARK 171 A	"	"	11.1	3.8 MU	13 S	760706	"
"	"	"	12.8	3.2 M	13 S	"	"
MARK 171	"	"	21	5.7 J	5.7 S	790405	"
FIRSSE 254	11 25 56	−28 12 48	93	137 J	10 M	830201	
AFGL 4132	11 26 07	−62 41 48	11.0	−1.9 M	10 M	760913	
"	"	"	19.8	−3.3 M	10 M	"	
AFGL 4818S	11 27 27	−62 23 54	19.8	−2.8 M	10 M	770706	
AFGL 1493	11 27 57	−22 21 06	11.0	−2.8 M	10 M	760913	

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
LAM DRA	11 28 27.5	+69 36 25	10	7.04 FV	V	660501	CSI 79
"	"	"	10	0.38 C	–	670801	"
AFGL 1495	11 29 13	−12 05 18	11.0	−0.9 M	10 M	760913	
OMI 1 CEN	11 29 26.7	−59 09 56	8.6	1.5 MU	V	710701	CSI 79
"	"	"	8.6	2.16 M	5 S	721205	"
"	"	"	10.5	2.48 M	5 S	"	"
"	"	"	10.8	1.1 MU	V	710701	"
"	"	"	11.3	1.59 M	5 S	721205	"
MARK 176	11 29 54.0	+53 13 27	8.4	4.6 MU	13 S	760706	739901
"	"	"	10.6	0.079 J	–	781209	"
AFGL 1496S	11 29 55	+ 5 22 24	19.8	−3.1 M	10 M	770706	
FIRSSE 255	11 30 09	−27 33 06	93	22 J	10 M	830201	
FIRSSE 256	11 30 25	−23 46 00	20	26 J	10 M	"	
"	"	"	93	26 J	10 M	"	
AFGL 4133	11 32 26	−72 57 24	11.0	−3.0 M	10 M	760913	
"	"	"	19.8	−3.4 M	10 M	"	
AFGL 1499	11 32 57	+35 09 36	11.0	−1.6 M	10 M	"	
CD–60 3621	11 33 26	−61 18 34	8.6	1.5 MU	–	720202	CD
"	"	"	10.7	0.5 MU	–	"	"
CD–60 3636	11 33 54	−61 19 35	10.7	0.5 MU	–	"	CD
HD 101007	11 34 37.2	−60 53 33	8.6	1.5 MU	–	"	CSI 79
"	"	"	10.7	1.0 MU	–	"	"
"	"	"	12.2	0.0 MU	–	"	"
OME VIR	11 35 52.9	+ 8 24 38	8.4	−0.24 M	–	710403	CSI 79
"	"	"	11	−0.57 M	–	"	"
AFGL 4134	11 36 20	−63 10 00	11.0	−1.4 M	10 M	760913	
"	"	"	19.8	−3.4 M	10 M	"	
"	"	"	27.4	−6.1 M	10 M	"	
NGC 3783	11 36 33.0	−37 27 41	7.8	−17.8 RE	5.0 S	820901	789906
"	"	"	8.3	5.77 M	3.5 S	820311	"
"	"	"	8.6	−18.0 RE	5.0 S	820901	"
"	"	"	9.4	5.24 M	3.5 S	820311	"
"	"	"	9.6	−18.0 RE	5.0 S	820901	"
"	"	"	10	−17.9 RE	5.0 S	"	"
"	"	"	10.3	5.13 M	3.5 S	820311	"
"	"	"	10.4	−17.9 RE	5.0 S	820901	"
"	"	"	10.6	0.440 J	–	781209	"
"	"	"	10.6	5.4 M	17 S	740701	"
"	"	"	11.4	−18.0 RE	5.0 S	820901	"
"	"	"	12.0	4.22 M	3.5 S	820311	"
"	"	"	12.4	−17.9 RE	5.0 S	820901	"
"	"	"	17.4	2.3 M	3.5 S	820311	"
"	"	"	20	−18.0 RE	5.0 S	820901	"
AFGL 4822S	11 37 15	−58 35 06	19.8	−3.5 M	10 M	770706	
HD 101584	11 38 33.6	−55 17 46	8.6	−0.13 M	–	740603	CSI 79
"	"	"	10.7	−1.05 M	–	"	"
"	"	"	12.2	−1.08 M	–	"	"
"	"	"	18	−2.09 M	–	"	"
AFGL 4824S	11 39 14	−32 09 42	11.0	−1.6 M	10 M	770706	
HD 101712	11 39 26.9	−63 08 12	8.6	0.15 M	–	720202	CSI 79
"	"	"	10.7	0.4 M	–	"	"
"	"	"	12.2	0.0 MU	–	"	"
AFGL 4825S	11 39 47	−48 12 42	11.0	−2.0 M	10 M	770706	
FIRSSE 257	11 39 56	+ 4 15 24	27	160 J	10 M	830201	
"	"	"	40	325 J	10 M	"	
"	"	"	93	44 J	10 M	"	
FIRSSE 258	11 40 35	+ 4 12 54	20	319 J	10 M	"	
"	"	"	27	447 J	10 M	"	
"	"	"	40	1213 J	10 M	"	
"	"	"	93	49 J	10 M	"	
AFGL 4135	11 41 00	−62 11 00	11.0	−1.5 M	10 M	760913	
"	"	"	19.8	−4.2 M	10 M	"	
BS 4511	11 41 07.3	−62 12 41	8.6	3.1 MU	V	710701	CSI 79
"	"	"	10.8	1.7 MU	V	"	"
FIRSSE 259	11 41 36	+ 3 39 36	40	1009 J	10 M	830201	
"	"	"	93	28 J	10 M	"	
NUU VIR	11 43 17.3	+ 6 48 34	10	2.11 F	V	660501	CSI 79
AFGL 4826S	11 43 31	−24 40 36	11.0	−0.7 M	10 M	770706	
AFGL 4827S	11 44 03	−63 30 42	11.0	−1.4 M	10 M	"	
"	"	"	19.8	−3.9 M	10 M	"	
AFGL 1511	11 44 31	+43 45 30	8.4	−0.1 M	17 S	800213	AFGL
"	"	"	8.6	0.3 M	26 S	"	"
"	"	"	10.7	−0.6 M	26 S	"	"
"	"	"	11.0	−1.3 M	10 M	760913	
"	"	"	11.2	−1.0 M	17 S	800213	AFGL
"	"	"	12.2	−0.7 M	26 S	"	"
"	"	"	12.5	−1.1 M	17 S	"	"
"	"	"	18	−1.1 M	26 S	"	"
"	"	"	19.8	−2.8 M	10 M	760913	
"	11 44 36.1	+43 44 57	8	S	17 S	790401	
"	"	"	8.4	−0.65 M	17 S	"	
"	"	"	11.2	−0.98 M	17 S	"	
"	"	"	12.5	−1.04 M	17 S	"	
AZ UMA	"	"	20	−2.0 M	14 S	760901	779907
MARK 188	11 44 53.9	+56 14 57	8.4	4.0 MU	13 S	760706	739901
FIRSSE 260	11 45 27	−27 27 24	20	62 J	10 M	830201	
"	"	"	27	200 J	10 M	"	
"	"	"	93	21 J	10 M	"	
AFGL 4828S	11 45 47	−43 46 12	19.8	−3.9 M	10 M	770706	
AFGL 4136	11 46 08	−35 43 12	11.0	−2.1 M	10 M	760913	
"	"	"	19.8	−3.1 M	10 M	"	
NGC 3894	11 46 11.4	+59 41 41	10.6	0.093 J	5.8 S	810703	769909
X CEN	11 46 41.5	−41 28 38	10	−0.88 M	9 S	790804	CSI 79
"	"	"	20	−1.60 M	9 S	"	"
"	"	"	20	−1.60 M	–	821005	"
AFGL 4137	11 46 49	−41 29 30	11.0	−1.8 M	10 M	760913	
NGC 3918	11 47 50.1	−56 54 10	8.8	1.74 J	18 S	800610	769910
"	"	"	9.0	1000 G	7 S	811008	"
"	"	"	9.8	1.18 J	18 S	800610	"
"	"	"	10	3.02 J	18 S	"	"
"	"	"	10.5	11000 G	7 S	811008	"
"	"	"	10.6	5.01 J	18 S	800610	"
"	"	"	11.7	5.22 J	18 S	"	"
"	"	"	12.7	4.16 J	18 S	"	"
"	"	"	12.8	600 G	7 S	811008	"
"	"	"	20	22.2 J	18 S	800610	"
"	"	"	37	83 J	27 S	800604	779909
"	"	"	70	27 J	27 S	"	"
FIRSSE 261	11 48 27	−21 56 54	93	38 J	10 M	830201	
AFGL 1516	11 48 35	−10 56 12	11.0	−0.8 M	10 M	760913	
HD 103052	11 49 14.2	−60 52 48	8.6	0.90 M	–	720202	CSI 79
"	"	"	10.7	−0.13 M	–	"	"
"	"	"	12.2	−0.20 M	–	"	"
TY VIR	11 49 16.7	− 5 28 59	8.4	4.0 MU	11 S	700906	CSI 79
"	"	"	11.0	3.5 MU	11 S	"	"
AFGL 4830S	11 50 09	− 7 20 30	11.0	−0.7 M	10 M	770706	
S CRT	11 50 11.6	− 7 19 04	6.3	100 J	–	790402	CSI 79
FIRSSE 262	11 50 26	−22 37 54	93	27 J	10 M	830201	

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
	h m s	° ′ ″					
AFGL 4831S	11 50 53	+53 56 48	11.0	−0.9 M	10 M	770706	
GAM UMA	11 51 12.5	+53 58 21	5	2.7 M	–	701105	CSI 79
"	"	"	8.5	2.3 MU	–	"	"
"	"	"	8.7	2.19 M	11 S	740807	"
HD 103287	"	"	8.7	2.19 M	–	780704	"
GAM UMA	"	"	10	2.37 M	11 S	740807	"
HD 103287	"	"	10	2.37 M	–	780704	"
GAM UMA	"	"	11	3 JV	11 S	710903	"
"	"	"	11.4	2.34 M	11 S	740807	"
HD 103287	"	"	11.4	2.37 M	–	780704	"
GAM UMA	"	"	12.6	2.02 M	11 S	740807	"
AFGL 1517	11 51 45	+86 30 06	11.0	−0.7 M	10 M	760913	
AFGL 4139	11 52 35	+37 03 18	19.8	−3.0 M	10 M	"	
"	11 52 39.3	+37 02 37	8.4	1.69 M	17 S	790401	
"	"	"	11.2	1.72 M	17 S	"	
"	"	"	12.5	1.87 M	17 S	"	
FIRSSE 263	11 53 27	−24 52 12	20	20 J	10 M	830201	
"	"	"	27	88 J	10 M	"	
"	"	"	93	17 J	10 M	"	
AFGL 1519	11 53 31	+58 07 00	8.4	−0.4 M	11 S	800213	AFGL
"	"	"	11.0	−0.9 M	10 M	760913	
"	"	"	11.2	−0.7 M	11 S	800213	AFGL
AFGL 1520S	11 53 36	−29 17 18	19.8	−3.3 M	10 M	770706	
AFGL 4140	11 53 52	−39 08 12	19.8	−4.4 M	10 M	760913	
Z UMA	11 53 54.3	+58 08 59	8.4	−0.38 C	–	710405	779907
"	"	"	8.4	−0.38 C	–	710203	"
"	"	"	11	−0.90 M	–	710403	"
"	"	"	11.0	−0.74 C	–	710203	"
"	"	"	11.0	−0.74 C	–	710405	"
NGC 3992	11 55 01.0	+53 39 13	10	0.050 JU	5.7 S	780305	769909
AFGL 1523	11 56 20	+53 00 36	11.0	−1.2 M	10 M	760913	
AFGL 1525S	11 57 14	−13 14 06	11.0	−0.7 M	10 M	770706	
AFGL 4833S	11 58 09	−27 26 06	19.8	−3.9 M	10 M	"	
AFGL 1528S	11 58 21	+ 3 05 36	11.0	−2.3 M	10 M	"	
AFGL 4834S	11 58 42	−62 53 00	19.8	−4.5 M	10 M	"	
"	"	"	27.4	−6.2 M	10 M	"	
FIRSSE 264	11 59 18	−18 34 48	93	28 J	10 M	830201	
AFGL 1529S	11 59 49	+35 37 42	19.8	−3.1 M	10 M	770706	
UMA #4	12 00	+46 12	22	400 X	3 D	681203	
NGC 4051	12 00 35.9	+44 48 48	5.0	0.18 J	6 S	720901	76909
"	"	"	10	0.0 JU	V	700306	"
"	"	"	10	0.33 J	6 S	720901	"
"	"	"	10.2	0.35 J	–	700904	"
"	"	"	10.6	0.28 J	5.9 S	790405	"
"	"	"	10.6	0.260 J	–	781209	"
"	"	"	21	0.83 J	8.5 S	790405	"
"	"	"	1000	2.4 JV	55 S	780210	"
"	"	"	1670	4.8 JU	1 M	761201	"
UMA #5	12 01	+51 08	22	400 X	3 D	681203	
AFGL 4142	12 01 05	−34 11 24	11.0	−1.9 M	10 M	760913	
FIRSSE 265	12 01 11	−26 08 18	20	5682 J	10 M	830201	
"	"	"	27	4280 J	10 M	"	
"	"	"	93	467 J	10 M	"	
FIRSSE 266	12 02 51	−21 45 06	20	3745 J	10 M	"	
"	"	"	27	3203 J	10 M	"	
"	"	"	93	455 J	10 M	"	
AFGL 1533S	12 03 03	−24 36 12	19.8	−3.4 M	10 M	770706	
NGC 4088	12 03 03.1	+50 49 13	22	−6 JU	V	700306	769909
AFGL 4143	12 03 18	−51 41 00	11.0	−2.1 M	10 M	760913	
FIRSSE 267	12 03 33	+16 51 36	93	92 J	10 M	830201	
AFGL 1534S	12 04 20	+19 58 30	19.8	−3.2 M	10 M	770706	
FIRSSE 268	12 04 21	+17 08 48	93	370 J	10 M	830201	
FIRSSE 269	12 04 34	+16 58 00	93	116 J	10 M	"	
AFGL 1535	12 04 43	− 6 29 00	8.6	−0.4 M	26 S	800213	AFGL
"	"	"	10.7	−1.1 M	26 S	"	"
"	"	"	11.0	−1.3 M	10 M	760913	
"	"	"	12.2	−0.9 M	26 S	800213	AFGL
NGC 4125	12 05 37.7	+65 27 03	10	0.068 JU	5.7 S	780305	769909
DEL CEN	12 05 45.3	−50 26 37	10.2	1.1 M	12 S	820309	CSI 79
AFGL 4144	12 06 22	−63 00 30	11.0	−0.9 M	10 M	760913	
"	"	"	19.8	−3.8 M	10 M	"	
HE2-77	12 06 23.8	−62 59 20	8.0	2.57 J	9 S	800610	769910
"	"	"	8.8	3.37 J	9 S	"	"
"	"	"	9.8	2.49 J	9 S	"	"
"	"	"	10	6.32 J	9 S	"	"
"	"	"	10.6	5.45 J	9 S	"	"
"	"	"	11.7	4.49 J	9 S	"	"
"	"	"	12.7	8.09 J	9 S	"	"
"	"	"	20	41.0 J	9 S	"	"
MARK 198	12 06 43.2	+47 20 07	10.6	0.069 J	–	781209	739901
RU CEN	12 06 47.5	−45 08 51	8.6	2.77 M	5 S	721205	CSI 79
"	"	"	10.5	1.76 M	5 S	"	"
"	"	"	11.3	2.19 M	5 S	"	"
"	"	"	18	−0.83 M	5 S	"	"
G298.2-0.3	12 07	−62 30	1000	40 J	2 M	781010	ED
"	12 07 14	−62 30 39	12.6	−15.2 R	–	770503	ED
"	"	"	18.1	−15.0 R	–	"	"
"	"	"	19.8	−15.0 R	–	"	"
"	"	"	22.9	−14.9 R	–	"	"
AFGL 4146	12 07 14	−62 32 00	11.0	−3.0 M	10 M	760913	
"	"	"	19.8	−6.5 M	10 M	"	
"	"	"	27.4	−7.8 M	10 M	"	
G298.2-0.3 W	12 07 19.5	−62 33 12	9.0	13800 G	7 S	820405	ED
"	"	"	10.5	44500 G	7 S	"	"
"	"	"	12.8	24800 G	4 S	"	"
G298.2-0.3	12 07 21	−62 33	9.0	36200 G	7 S	"	
"	"	"	10.5	1.3E5 G	7 S	"	
"	"	"	12.8	63100 G	4 S	"	
G298.2-0.3 E	12 07 21.7	−62 33 12	9.0	22400 G	7 S	"	ED
"	"	"	10.5	82200 G	7 S	"	"
"	"	"	12.8	38300 G	4 S	"	"
G298.2-0.3	12 07 22.5	−62 33 20	8.8	−15.5 R	15 S	760910	
"	"	"	9.8	−15.4 R	15 S	"	
"	"	"	10	−23.3 L	V	740906	
"	"	"	10	−15.3 R	15 S	760910	
"	"	"	10.6	−15.2 R	15 S	"	
"	"	"	11.7	−15.2 R	15 S	"	
"	"	"	12.6	−15.2 R	15 S	"	
"	12 07 22.7	−62 33 14	8.99	1.6 X	6 S	781008	
"	"	"	10.5	5.8 X	6 S	"	
"	"	"	12.8	2.3 X	6 S	"	
AFGL 1536	12 07 28	−22 20 00	8.6	0.4 M	26 S	800213	AFGL
"	"	"	10.7	−0.1 M	26 S	"	"
"	"	"	12.2	−0.6 M	26 S	"	"
"	"	"	19.8	−3.7 M	10 M	760913	
AFGL 4836S	12 07 34	−58 44 48	11.0	−1.6 M	10 M	770706	
NGC 4147	12 07 38	+18 49	10	5.0 MU	11 S	741110	RNGC
NGC 4151	12 08 00.8	+39 41 11	5	4.0 JV	V	700306	769909
"	"	"	5.0	0.51 J	6 S	720901	"
"	"	"	8.4	1.14 J	5.9 S	811101	"
"	"	"	10	1.2 J	.01 S	700904	"
"	"	"	10	1.2 J	6 S	720901	"
"	"	"	10	1.26 JV	6 S	721102	"
"	"	"	10	1.63 J	–	811101	"
"	"	"	10.2	1.3 J	V	700306	"
"	"	"	10.4	1.56 J	5.9 S	811101	"
"	"	"	10.6	1.40 J	5.9 S	790405	"
"	"	"	10.6	1.400 J	–	781209	"
"	"	"	11	2.0 J	11 S	710903	"
"	"	"	11	2.0 JV	–	740104	"
"	"	"	11.5	3.2 J	16 S	691105	"
"	"	"	12.2	1.91 J	5.9 S	811101	"
"	"	"	21	3.3 J	6 S	720901	"
"	"	"	21	3.2 J	5.9 S	790405	"
"	"	"	22	4.7 J	V	700306	"
"	"	"	33.5	4.3 J	8.5 S	750902	"
"	"	"	350	200 JU	1 M	721003	"
"	"	"	1000	−0.4 JV	55 S	780210	"
"	"	"	1670	7.2 JU	1 M	761201	"
FIRSSE 270	12 09 36	−13 54 54	93	120 J	10 M	830201	
NGC 4192	12 11 15.4	+15 10 23	10	0.10 J	6 S	720901	769909
"	"	"	1570	42 JU	1 M	761201	"
MARK 201	12 11 39.9	+54 48 20	8.4	4.3 MU	13 S	760706	739901
NGC 4194	12 11 41.7	+54 48 21	10	0.32 J	6 S	720901	769909
HE2-79	12 12 39	−63 22 42	10	6.32 J	9 S	800610	779909
"	"	"	20	35.7 JU	9 S	"	"
AFGL 4148	12 12 40	−62 43 42	11.0	−3.1 M	10 M	760913	
"	"	"	19.8	−6.0 M	10 M	"	
"	"	"	27.4	−7.3 M	10 M	"	
NGC 4214	12 13 08.8	+36 36 19	10	0.085 JU	5.7 S	780305	769909
AFGL 1543	12 13 35	+40 58 36	11.0	0.0 M	10 M	760913	
EPS MUS	12 14 50.9	−67 40 56	8.4	−1.51 M	–	730002	CSI 79
"	"	"	10	−1.93 M	9 S	790804	"
"	"	"	10.2	−1.63 M	–	730002	"
"	"	"	11.2	−1.74 M	–	"	"
"	"	"	20	−1.87 M	9 S	790804	"
AFGL 4149	12 14 59	−67 41 54	11.0	−2.2 M	10 M	760913	
B2 1215+30	12 15 21.1	+30 23 40	10	0.15 JU	–	720903	809908
"	"	"	10.5	0.033 JU	–	740904	"
FIRSSE 271	12 16 08	+14 42 48	93	49 J	10 M	830201	
NGC 4254	12 16 16.9	+14 41 46	10	0.088 JU	5.7 S	780305	769909
NGC 4258	12 16 29.7	+47 34 55	10	0.100 J	5.7 S	"	769909
AFGL 1545	12 17 18	+49 17 06	11.0	−0.8 M	10 M	760913	
NGC 4278	12 17 36.5	+29 33 26	10.6	0.033 JU	5.8 S	810703	769909
RY UMA	12 18 04.0	+61 35 14	8.4	1.44 C	–	710405	779907
"	"	"	8.4	1.44 C	–	710203	"
"	"	"	8.4	1.39 M	–	710403	"
"	"	"	11	0.19 M	–	"	"
"	"	"	11.0	0.46 C	–	710405	"
"	"	"	11.0	0.46 C	–	710203	"
SX CEN	12 18 32.2	−48 56 00	8.6	2.36 M	5 S	721205	CSI 79
"	"	"	10.5	2.33 M	5 S	"	"
"	"	"	11.3	1.66 M	5 S	"	"
"	"	"	18	−0.38 MU	5 S	"	"
ON 231	12 19 01.1	+28 30 36	10	0.16 JU	–	720903	809908
"	"	"	10.5	0.037 J	–	740904	"
W COM	"	"	1000	2.9 J	55 S	821106	"
1219+28	"	"	1000	3.5 JU	55 S	810103	"
NGC 4303	12 19 21.4	+ 4 44 58	10	1.9 J	V	700306	769909
"	"	"	10	0.083 J	5.7 S	780305	"
"	"	"	10	0.24 J	6 S	720901	"
"	"	"	1570	42 JU	1 M	761201	"
MARK 205	12 19 31.8	+75 35 10	10	1.76 Q	V	790509	739901
"	"	"	10.6	−.003 J	3.9 S	781209	"
"	"	"	1000	0.9 JU	55 S	821106	"
HE2-80	12 19 37.4	−63 00 38	10	6.19 J	9 S	800610	739903
"	"	"	20	4.63 J	9 S	"	"
NGC 4321	12 20 23.2	+16 06 00	10	0.069 JU	5.7 S	780305	769909
MARK 50	12 20 50.9	+ 2 57 20	10.6	0.024 J	–	781209	739901
AFGL 4843S	12 21 35	+25 49 54	19.8	−1.6 M	10 M	770706	
NGC 4361	12 21 54.7	−18 30 29	10	4.4 MU	11 S	741009	759903
IRC 00216	12 22 00	− 4 45 36	8.6	1.7 MU	–	740705	IRC
"	"	"	10.7	1.0 MU	–	"	"
MARK 439	12 22 07.7	+39 39 33	8.4	4.7 MU	13 S	760706	739901
AFGL 1549	12 22 38	+ 1 01 24	8.4	−0.6 M	11 S	800213	AFGL
"	"	"	11.0	−0.9 M	10 M	760913	
"	"	"	11.2	−1.0 M	11 S	800213	AFGL
SS VIR	12 22 46.0	+ 1 04 28	8.4	−0.56 C	–	710203	CSI 79
"	"	"	8.4	−0.56 C	–	710405	"
"	"	"	11.0	−0.99 C	–	710203	"
"	"	"	11.0	−0.99 C	–	710405	"
NGC 4382	12 22 53.2	+18 28 03	10	0.100 JU	5.7 S	780305	769909
AFGL 4844S	12 23 03	−59 42 06	11.0	−1.7 M	10 M	770706	
MARK 52	12 23 08.9	+ 0 51 00	8.4	5.1 MU	13 S	760706	739901
"	"	"	10	−24.0 H	V	760401	"
NGC 4385	12 23 09.2	+ 0 50 53	10	0.24 J	6 S	720901	769909
AFGL 4845S	12 23 43	−59 19 48	11.0	−1.6 M	10 M	770706	
"	"	"	19.8	−3.2 M	10 M	"	
14 COM	12 23 54.1	+27 32 41	5.0	3.06 M	–	700302	CSI 79
"	"	"	10.2	3.46 M	–	"	"
NGC 4449	12 25 45.2	+44 22 15	1000	0.0 J	55 S	780210	769909
B2 1225+31	12 25 55.9	+31 45 13	1000	0.7 JU	–	810004	809908
3C 273	12 26	+ 2	10	2.51 Q	V	790509	
"	"	"	20	0.670 J	–	"	
"	12 26 33.4	+ 2 19 42	5	2.3 JV	V	700306	809908
"	"	"	5.0	0.24 JV	6 S	720901	"
"	"	"	8.4	5.7 M	13 S	760706	"
"	"	"	10	2.7 JV	V	700306	"
"	"	"	10	0.38 JV	6 S	721102	"
"	"	"	10	0.3 J	6 S	720901	"
"	"	"	10	0.61 J	12 S	721102	"
"	"	"	10	5.07 M	17 S	820806	"
"	"	"	10.2	0.43 JV	–	700904	"
"	"	"	10.4	4.2 J	–	650105	"
"	"	"	21	1.0 JV	6 S	720901	"
"	"	"	21	0.5 JV	6 S	721102	"
"	"	"	22	6 JV	V	700306	"
"	"	"	33	3 JU	28 S	800108	"
"	"	"	100	6 JU	28 S	"	"
"	"	"	100	4 JU	28 S	770901	"
"	"	"	116	8 JU	30 S	800108	"
"	"	"	500	12 JU	76 S	770901	"
"	"	"	1000	17 JV	55 S	821105	"
"	"	"	1000	16.3 JV	55 S	810103	"
"	"	"	1000	16.3 JV	55 S	780210	"
"	"	"	1000	10.2 J	55 S	821106	"

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
"	h m s	° ′ ″	1670	12.4 J	1 M	761201	"
AFGL 4846S	12 26 37	− 3 48 00	11.0	0.2 M	10 M	770706	
AFGL 4848S	12 26 56	−76 46 00	11.0	−1.8 M	10 M	"	
"	"	"	19.8	−3.1 M	10 M	"	
AFGL 1554	12 27 48	+ 4 42 48	8.4	−1.5 M	17 S	800213	AFGL
"	"	"	11.0	−2.2 M	10 M	760913	
"	"	"	11.2	−2.1 M	17 S	800213	AFGL
"	"	"	12.5	−2.1 M	17 S	"	"
"	"	"	19.8	−2.8 M	10 M	760913	
BK VIR	12 27 48.0	+ 4 41 33	20	−2.64 M	-	741002	CSI 79
FIRSSE 272	12 27 51	+ 4 41 18	20	195 J	10 M	830201	
"	"	"	27	56 J	10 M	"	
"	"	"	93	43 J	10 M	"	
NGC 4490	12 28 10.5	+41 54 56	10	0.036 JU	5.7 S	780305	769909
AFGL 4150	12 28 16	−56 51 30	11.0	−3.4 M	10 M	760913	
"	"	"	19.8	−3.5 M	10 M	"	
M87 JET	12 28 16.9	+12 40 03	10.6	0.02 JU	V	741103	ED
3C 274	12 28 17.6	+12 40 02	1570	12 JU	1 M	761201	769906
NGC 4486	12 28 17.8	+12 39 58	10	0.6 JU	V	700306	769909
"	"	"	10	0.030 J	5.7 S	780305	"
"	"	"	10	0.060 J	6 S	720901	"
"	"	"	10.6	0.103 J	5.8 S	810703	"
"	"	"	22	4 JU	V	700306	"
M87	"	"	1000	4.6 J	55 S	780210	"
GAM CRU	12 28 22.7	−56 49 59	8.0	−3.27 M	9 S	800610	CSI 79
"	"	"	8.1	−2.65 M	3.2 S	780802	"
"	"	"	8.1	−3.03 M	7.2 S	"	"
"	"	"	8.1	−3.16 M	10 S	"	"
"	"	"	8.1	−3.19 M	14 S	"	"
"	"	"	8.1	−3.23 M	19 S	"	"
"	"	"	8.4	−3.24 M	-	760307	"
"	"	"	8.4	−3.24 M	-	730002	"
"	"	"	8.6	−3.26 M	5 S	721205	"
"	"	"	8.6	−3.26 M	-	730024	"
"	"	"	8.6	−3.26 M	-	720202	"
"	"	"	8.78	−3.31 M	9 S	800610	"
"	"	"	8.78	−3.33 M	15 S	751204	"
"	"	"	9.6	−2.59 M	3.2 S	780802	"
"	"	"	9.6	−3.13 M	7.2 S	"	"
"	"	"	9.6	−3.27 M	10 S	"	"
"	"	"	9.6	−3.30 M	14 S	"	"
"	"	"	9.6	−3.32 M	19 S	"	"
"	"	"	9.7	−3.41 M	-	760307	"
"	"	"	9.78	−3.37 M	9 S	800610	"
"	"	"	10	−3.36 M	9 S	790804	"
"	"	"	10	−3.39 M	9 S	800610	"
"	"	"	10.0	−3.29 M	15 S	751204	"
"	"	"	10.2	−3.36 M	-	730002	"
"	"	"	10.5	−3.40 M	5 S	721205	"
"	"	"	10.5	−3.41 M	-	760307	"
"	"	"	10.60	−3.41 M	9 S	800610	"
"	"	"	10.7	−3.44 M	-	720202	"
"	"	"	10.8	−3.51 M	15 S	751204	"
"	"	"	11.2	−3.42 M	-	760307	"
"	"	"	11.2	−3.40 M	-	730002	"
"	"	"	11.3	−3.44 M	5 S	721205	"
"	"	"	11.3	−3.44 M	-	730024	"
"	"	"	11.6	−3.36 M	15 S	751204	"
"	"	"	11.67	−3.48 M	9 S	800610	"
"	"	"	12.2	−2.76 M	3.2 S	780802	"
"	"	"	12.2	−3.52 M	5 S	721205	"
"	"	"	12.2	−3.23 M	7.2 S	780802	"
"	"	"	12.2	−3.42 M	10 S	"	"
"	"	"	12.2	−3.47 M	14 S	"	"
"	"	"	12.2	−3.52 M	19 S	"	"
"	"	"	12.2	−3.52 M	-	730024	"
"	"	"	12.2	−3.52 M	-	720202	"
"	"	"	12.3	−3.17 M	15 S	751204	"
"	"	"	12.5	−3.46 M	-	760307	"
"	"	"	12.69	−3.49 M	9 S	800610	"
"	"	"	18	−3.40 M	5 S	721205	"
"	"	"	18	−3.4 M	-	720202	"
"	"	"	18	−3.40 M	-	730024	"
"	"	"	19.6	−3.43 M	15 S	751204	"
"	"	"	20	−3.45 M	9 S	790804	"
"	"	"	20	−3.40 M	9 S	800610	"
"	"	"	20	−3.53 M	-	760307	"
NGC 4501	12 29 28.1	+14 41 50	10	0.052 JU	5.7 S	780305	769909
AFGL 4151	12 30 02	−57 55 06	11.0	−1.6 M	10 M	760913	
"	"	"	19.8	−2.8 M	10 M	"	
AFGL 4851S	12 31 11	− 7 03 48	19.8	−3.6 M	10 M	770706	
KAP DRA	12 31 21.5	+70 03 48	5	3.6 MV	-	701105	CSI 79
"	"	"	8.5	1.5 MV	-	"	"
"	"	"	8.7	3.10 M	11 S	740807	"
"	"	"	10	2.90 M	11 S	"	"
"	"	"	11.4	2.71 M	11 S	"	"
NGC 4526	12 31 30.4	+ 7 58 33	10	0.073 J	5.7 S	780305	769909
AFGL 4152	12 31 33	−61 21 00	11.0	−2.3 M	10 M	760913	
"	"	"	19.8	−4.5 M	10 M	"	
"	"	"	27.4	−6.5 M	10 M	"	
BET CRV	12 31 45.3	−23 07 12	10	0.411 FV	V	660501	CSI 79
"	"	"	10	0.97 C	-	670801	"
IC 3568	12 31 47.0	+82 50 22	9.0	100 GU	6 S	811008	749905
"	"	"	10	5.75 M	4 S	741009	"
"	"	"	10.5	300 G	6 S	811008	"
"	"	"	10.5	2200 G	10 S	800409	"
"	"	"	12.8	100 GU	6 S	811008	"
NGC 4535	12 31 47.9	+ 8 28 25	10	0.076 J	5.7 S	780305	769909
"	"	"	10	0.13 J	6 S	720901	"
"	"	"	1570	24 JU	1 M	761201	"
NGC 4536	12 31 53.5	+ 2 27 50	10	0.105 J	2.9 S	760510	769909
"	"	"	10	0.14 J	3.9 S	"	"
"	"	"	10	0.21 J	5.7 S	780305	"
"	"	"	10	0.21 J	5.7 S	760510	"
"	"	"	10	0.20 J	5.9 S	"	"
AFGL 4153	12 32 03	+ 8 27 36	19.8	−2.6 M	10 M	760913	
AFGL 4154	12 32 42	−61 34 12	11.0	−1.6 M	10 M	"	
"	"	"	19.8	−3.4 M	10 M	"	
AFGL 4155	12 32 49	+ 8 22 42	19.8	−3.2 M	10 M	"	
AFGL 4156	12 32 51	+ 6 18 36	11.0	−0.5 M	10 M	"	
NGC 4507	12 32 54.5	−39 38 02	8.3	6.16 M	3.5 S	820311	789906
"	"	"	9.4	6.03 M	3.5 S	"	"
"	"	"	10.3	5.45 M	3.5 S	"	"
"	"	"	12.0	5.14 M	3.5 S	"	"
NGC 4552	12 33 08.4	+12 49 56	10.6	0.071 J	5.8 S	810703	769909
NGC 4559	12 33 28.9	+28 14 23	10	0.051 JU	5.7 S	780305	769909
AFGL 1562S	12 33 30	+21 00 48	11.0	−0.6 M	10 M	770706	
NGC 4565	12 33 51.8	+26 15 50	10	0.057 JU	5.7 S	780305	769909

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
NGC 4569	h m s 12 34 18.7	° ′ ″ +13 26 18	10	0.100 J	5.7 S	"	769909
"	"	"	10	0.17 J	6 S	720901	"
AFGL 1564	12 34 26	+27 21 06	11.0	−1.0 M	10 M	760913	
AFGL 1565	12 34 28	−17 15 48	11.0	−0.8 M	10 M	"	
AFGL 1566	12 35 46	+ 2 06 12	11.0	−1.2 M	10 M	"	
R VIR	12 35 57.6	+ 7 15 45	8.4	0.78 C	-	710203	CSI 79
"	"	"	11.0	0.64 C	-	"	"
AFGL 4157	12 36 00	+ 7 16 18	8.4	0.8 M	11 S	800213	AFGL
"	"	"	11.2	0.6 M	11 S	"	"
FIRSSE 273	12 36 13	− 4 01 06	93	46 J	10 M	830201	
AFGL 4855S	12 36 31	−30 13 54	11.0	−2.3 M	10 M	770706	
AFGL 1568S	12 37 20	+36 42 36	11.0	−1.1 M	10 M	"	
NGC 4594	12 37 22.8	−11 21 00	10	0.046 JU	5.7 S	780305	759903
"	"	"	10.2	−0.1 J	-	700904	"
AFGL 1570	12 37 57	+56 06 12	11.0	−2.0 M	10 M	760913	
Y UMA	12 38 04.4	+56 07 15	8.6	−1.4 M	-	721103	779907
"	"	"	10.8	−1.9 M	-	"	"
"	"	"	12.2	−2.1 M	-	"	"
"	"	"	18.0	−2.3 M	-	"	"
"	"	"	20	−2.43 M	-	741002	"
AFGL 4856S	12 38 12	−61 28 06	11.0	−1.4 M	10 M	770706	
"	"	"	19.8	−3.3 M	10 M	"	
"	"	"	27.4	−6.3 M	10 M	"	
AFGL 4858S	12 38 41	+11 41 42	19.8	−2.9 M	10 M	"	
AFGL 4859S	12 39 02	−37 21 54	11.0	−1.2 M	10 M	"	
"	"	"	19.8	−2.7 M	10 M	"	
FIRSSE 274	12 39 34	+32 47 36	93	77 J	10 M	830201	
NGC 4631	12 39 41.5	+32 48 54	1670	20.5 JU	1 M	761201	769909
BS 4830	12 39 53.1	−62 47 04	10.2	2.1 M	12 S	820309	CSI 79
FIRSSE 275	12 40 06	+60 18 30	93	80 J	10 M	830201	
UW CEN	12 40 25.5	−54 15 15	5	3.96 M	-	781001	CSI 79
"	"	"	10	2.0 M	-	730008	"
AFGL 1574S	12 40 40	+ 9 31 30	11.0	−0.4 M	10 M	770706	
AFGL 4863S	12 40 59	+77 52 06	19.8	−3.3 M	10 M	"	
NGC 4649	12 41 09.0	+11 49 23	10	0.086 JU	5.7 S	780305	769909
NGC 4654	12 41 25.7	+13 23 58	10	0.102 J	6 S	720901	769909
"	"	"	1570	21 JU	1 M	761201	"
AFGL 1575	12 42 41	− 6 14 54	11.0	−1.4 M	10 M	760913	
Y CVN	12 42 47.0	+45 42 48	8.4	15.3 F	-	761005	779907
"	"	"	8.4	−2.00 C	-	710203	"
"	"	"	8.4	−1.97 M	-	710403	"
"	"	"	11	−1.95 M	-	"	"
"	"	"	11.0	6.48 F	-	761005	"
"	"	"	11.0	−2.39 C	-	710203	"
"	"	"	16	S	30 S	810806	"
"	"	"	20	−2.31 M	-	741002	"
"	"	"	20.0	0.604 F	-	761005	"
AFGL 1576	12 42 48	+45 43 12	8.4	−2.0 M	11 S	800213	AFGL
"	"	"	8.5	−1.6 M	17 S	"	"
"	"	"	8.6	−1.8 M	26 S	"	"
"	"	"	10.7	−2.2 M	26 S	"	"
"	"	"	11.0	−2.1 M	10 M	760913	
"	"	"	11.2	−2.4 M	11 S	800213	AFGL
"	"	"	12.2	−2.4 M	26 S	"	"
"	"	"	18	−2.7 M	26 S	"	"
NGC 4670	12 42 49.8	+27 23 58	10	0.5 JU	V	700306	769909
"	"	"	22	3 JU	V	"	"
FIRSSE 276	12 42 54	−11 00 18	27	63 J	10 M	830201	
"	"	"	93	109 J	10 M	"	
AFGL 1577S	12 43 30	+47 58 18	19.8	−3.4 M	10 M	770706	
1244-255	12 44 06.7	−25 31 26	1000	3.1 J	-	800818	809908
RU VIR	12 44 28.9	+ 4 25 49	8.4	−0.4 CV	-	760610	CSI 79
"	"	"	11.2	−1.0 CV	-	"	"
"	"	"	12.5	−0.9 CV	-	"	"
AFGL 1579	12 44 41	+ 4 24 48	8.4	−1.7 MV	17 S	800213	AFGL
"	"	"	11.0	−1.7 M	10 M	760913	
"	"	"	11.2	−2.4 MV	17 S	800213	AFGL
"	"	"	12.5	−2.3 MV	17 S	"	"
"	12 44 46	+ 4 25 06	8.4	−1.11 M	17 S	790401	
"	"	"	11.2	−1.78 M	17 S	"	
"	"	"	12.5	−1.70 M	17 S	"	
U CVN	12 44 59.6	+38 38 35	6.3	30 J	-	790402	CSI 79
AFGL 4867S	12 45 24	+30 02 42	11.0	−0.6 M	10 M	770706	
NGC 4697	12 46 00.7	− 5 31 39	10	0.068 JU	5.7 S	780305	759903
NGC 4705	12 46 50.2	− 4 55 26	90	155 JU	50 S	800108	759903
NGC 4725	12 47 59.9	+25 46 20	10	0.079 JU	5.7 S	780305	769909
NGC 4736	12 48 32.4	+41 23 28	10	−0.2 J	V	700306	769909
"	"	"	10	0.13 J	5.7 S	780305	"
"	"	"	10	0.18 J	6 S	720901	"
"	"	"	10.2	0.30 J	-	700904	"
"	"	"	22	6 J	V	700306	"
U VIR	12 48 33.4	+ 5 49 29	8.7	2.65 M	-	810406	CSI 79
"	"	"	10	2.66 M	-	"	"
"	"	"	11.4	2.42 M	-	"	"
FIRSSE 277	12 48 35	+41 22 48	93	107 J	10 M	830201	
AFGL 4869S	12 50 08	−25 43 42	11.0	−1.3 M	10 M	770706	
CD-59 4549	12 50 44.5	−60 06 12	8.6	0.0 M	-	720202	ED
"	"	"	10.7	−1.00 M	-	"	"
"	"	"	12.2	−1.25 M	-	"	"
"	"	"	18	−2.0 MU	-	"	"
AFGL 4870S	12 51 26	+46 55 00	11.0	−1.4 M	10 M	770706	
AFGL 1583	12 51 39	− 9 15 48	11.0	−1.1 M	10 M	760913	
EPS UMA	12 51 50.2	+56 13 51	8.7	1.77 M	11 S	740807	779907
"	"	"	10	1.75 M	11 S	"	"
"	"	"	11.4	1.79 M	11 S	"	"
"	"	"	12.6	1.73 M	11 S	"	"
AFGL 1584	12 51 53	+56 12 48	19.8	−2.4 M	10 M	760913	
AFGL 1585	12 52 39	+47 27 30	8.4	−0.3 M	11 S	800213	AFGL
"	"	"	11.2	−0.5 M	11 S	"	"
TU CVN	12 52 39.7	+47 28 03	8.4	−0.27 C	-	710203	779907
"	"	"	11.0	−0.50 C	-	"	"
AFGL 4158	12 52 51	−52 43 18	11.0	−1.8 M	10 M	760913	
AFGL 1586	12 52 54	+ 3 38 36	11.0	−1.5 M	10 M	"	
3C 279	12 53	− 5	10	1.58 Q	V	790509	
DEL VIR	12 53 04.9	+ 3 40 06	8.4	−1.39 C	-	710405	CSI 79
"	"	"	8.4	−1.39 M	-	710403	"
"	"	"	10	0.817 F	V	660501	"
"	"	"	10.2	−1.29 M	-	730002	"
"	"	"	11	−1.63 M	-	710403	"
"	"	"	11.0	−1.63 C	-	710405	"
"	"	"	20	−1.71 M	-	741002	"
"	"	"	22.0	−2.05 M	-	700302	"
AFGL 4159	12 53 15	−68 46 36	11.0	−1.9 M	10 M	760913	
"	"	"	19.8	−2.7 M	10 M	"	
3C 279	12 53 35.8	− 5 31 08	10.6	0.078 J	-	771203	809908
"	"	"	1000	4.6 J	55 S	821106	"
"	"	"	1000	5.6 JV	55 S	780210	"
"	"	"	1000	4.8 JV	55 S	821105	"

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
"	h m s	° ′ ″	1670	10.6 JU	1 M	761201	"
ALF 2 CVN	12 53 41.5	+38 35 17	8.7	3.24 M	11 s	740807	779907
"	"	"	10	3.33 M	11 s	"	"
"	"	"	11.4	3.09 M	11 s	"	"
MARK 231	12 54 05.0	+57 08 37	5.0	0.38 J	V	761104	739901
"	"	"	5.0	0.47 J	6 s	720901	"
"	"	"	8.4	1.08 J	V	761104	"
"	"	"	8.4	4.2 M	13 s	760706	"
"	"	"	8.4	1.12 J	–	751008	"
"	"	"	8.8	1.00 J	V	761104	"
"	"	"	10	1.42 J	6 s	720901	"
"	"	"	10.4	0.75 J	V	761104	"
"	"	"	10.5	1.41 J	–	751008	"
"	"	"	10.6	1.420 J	–	781209	"
"	"	"	11.1	3.9 M	13 s	760706	"
"	"	"	11.1	1.22 J	–	751008	"
"	"	"	11.6	1.00 J	V	761104	"
"	"	"	12.6	2.00 J	V	"	"
"	"	"	12.6	1.39 J	–	751008	"
"	"	"	12.8	3.2 M	13 s	760706	"
"	"	"	17.5	4.7 J	V	761104	"
"	"	"	20	1.0 M	13 s	760706	"
"	"	"	21.6	5.1 J	–	751008	"
"	"	"	22.5	6.9 J	V	761104	"
"	"	"	33.5	12.2 J	8.5 s	750902	"
"	"	"	1000	0.5 J	55 s	780210	"
"	"	"	1670	17.7 JU	1 M	761201	"
AFGL 1587S	12 54 15	−22 59 12	19.8	−3.3 M	10 M	770706	
NGC 4826	12 54 16.9	+21 57 18	10	0.065 J	5.7 s	780305	769909
"	"	"	10	0.094 J	6 s	720901	"
"	"	"	10.2	0.15 J	–	700904	"
AFGL 1588	12 54 17	+66 16 42	8.4	−1.0 M	11 s	800213	AFGL
"	"	"	11.0	−1.0 M	10 M	760913	
"	"	"	11.2	−1.2 M	11 s	800213	AFGL
RY DRA	12 54 28.3	+66 15 53	8.4	7.71 F	–	761005	779907
"	"	"	8.4	−1.04 C	–	710203	"
"	"	"	11.0	3.14 F	–	761005	"
"	"	"	11.0	−1.20 C	–	710203	"
MARK 59	12 56 38.2	+35 06 50	10	−24.6 HU	V	760401	739901
AFGL 1590S	12 56 46	+ 0 29 00	11.0	−1.0 M	10 M	770706	
H4–1	12 57 02.7	+27 54 24	10	4.5 MU	11 s	741009	819914
AFGL 4872S	12 57 05	+76 41 54	11.0	−0.2 M	10 M	770706	
AFGL 1591S	12 57 22	+19 38 00	11.0	−1.1 M	10 M	"	
"	"	"	19.8	−3.4 M	10 M	"	
AFGL 4873S	12 57 49	−51 51 36	19.8	−3.6 M	10 M	"	
B 264	12 59 30.9	+32 21 58	1570	56 JU	1 M	761201	689904
AFGL 1594	12 59 56	+ 5 25 54	8.4	−1.8 MV	17 s	800213	AFGL
"	"	"	11.0	−2.5 M	10 M	760913	
"	"	"	11.2	−2.7 MV	17 s	800213	AFGL
"	"	"	11.3	−2.7 M	8.5 s	"	"
"	"	"	12.5	−2.8 MV	17 s	"	"
"	"	"	18	−3.3 M	8.5 s	"	"
"	"	"	19.8	−3.6 M	10 M	760913	
AFGL 1595S	13 00 01	+17 07 48	19.8	−2.3 M	10 M	770706	
RT VIR	13 00 05.6	+ 5 27 14	6.3	400 J	–	790402	CSI 79
"	"	"	8	S	–	760609	"
"	"	"	8.7	−1.76 M	13 s	761006	"
"	"	"	10.0	−2.5 MV	–	790101	"
"	"	"	11.5	−2.81 M	13 s	761006	"
"	"	"	20	−3.42 M	9 s	731104	"
AFGL 1594	13 00 06	+ 5 27 12	8.4	−1.95 M	17 s	790401	
"	"	"	11.2	−2.79 M	17 s	"	
"	"	"	12.5	−2.90 M	17 s	"	
AFGL 4875S	13 00 30	−63 23 06	11.0	−1.5 M	10 M	770706	
B 234	13 00 42.5	+36 07 34	1570	23 JU	1 M	761201	789905
FIRSSE 278	13 00 52	− 8 47 30	93	87 J	10 M	830201	
AFGL 1596	13 01 01	+ 6 34 48	11.0	−2.2 M	10 M	760913	
FIRSSE 279	13 01 27	− 8 38 12	93	386 J	10 M	830201	
B 272	13 01 34.6	+37 30 07	1570	24 JU	1 M	761201	789905
AFGL 1598S	13 02 07	+69 25 36	11.0	−1.2 M	10 M	770706	
40 COM	13 03 56.5	+22 53 00	8.4	−0.43 M	–	710403	CSI 79
"	"	"	8.4	−0.43 C	–	710405	"
"	"	"	11	−0.62 M	–	710403	"
"	"	"	11.0	−0.62 C	–	710405	"
AFGL 4877S	13 04 14	− 5 38 36	19.8	−3.1 M	10 M	770706	
AB 133	13 04 48.0	+34 40 24	10	0.024 JU	6 s	820404	809908
B 340	"	"	1570	19 JU	1 M	761201	789905
IC 4191	13 05 28.0	−67 22 33	8.8	0.82 J	9 s	800610	769910
"	"	"	10	1.22 J	9 s	"	"
"	"	"	10.6	2.52 J	9 s	"	"
"	"	"	11.7	2.46 J	9 s	"	"
"	"	"	12.7	1.67 JU	9 s	"	"
"	"	"	20	10.3 J	9 s	"	"
AFGL 4161	13 05 32	−61 58 54	11.0	−1.9 M	10 M	760913	
"	"	"	19.8	−3.7 M	10 M	"	
AFGL 4879S	13 06 07	−32 47 48	11.0	−0.9 M	10 M	770706	
HE2–90	13 06 27	−61 03 36	8	S	5.3 s	820715	749906
"	"	"	8.0	33.9 J	9 s	800610	"
"	"	"	8.8	35.6 J	9 s	"	"
"	"	"	9.8	34.3 J	9 s	"	"
"	"	"	10	45.9 J	9 s	"	"
"	"	"	10.6	27.8 J	9 s	"	"
"	"	"	11.7	25.0 J	9 s	"	"
"	"	"	12.7	53.3 J	9 s	"	"
"	"	"	20	68.1 J	9 s	"	"
HE2–91	13 06 52.2	−62 55 32	8.8	7.50 J	9 s	"	739903
"	"	"	10	6.45 J	9 s	"	"
"	"	"	11.7	5.24 J	9 s	"	"
"	"	"	20	3.71 J	9 s	"	"
AFGL 4880S	13 07 28	−55 34 54	19.8	−3.4 M	10 M	770706	
"	"	"	27.4	−6.6 M	10 M	"	
IRC+20257	13 07 43	+24 51 54	8.4	1.54 M	–	710403	IRC
"	"	"	11	1.10 M	–	"	"
305.2+0.21 #1	13 07 58.0	−62 18 37	8.3	S	7 s	811014	
B2 1308+326	13 08 07.6	+32 36 41	10.6	.1390 J	–	800208	809908
PKS 1308+32	"	"	1000	2.1 J	55 s	821106	"
1308+32	"	"	1000	2.3 J	55 s	810103	"
AFGL 4162	13 08 25	−48 31 24	19.8	−3.0 M	10 M	760913	
AFGL 4163	13 08 31	−62 18 24	11.0	−3.1 M	10 M	"	
"	"	"	19.8	−6.3 M	10 M	"	
"	"	"	27.4	−7.6 M	10 M	"	
AFGL 1601S	13 08 36	−30 38 06	19.8	−3.2 M	10 M	770706	
AFGL 4881S	13 08 52	−62 50 24	11.0	−1.9 M	10 M	"	
AFGL 1603S	13 08 54	−29 35 18	19.8	−3.3 M	10 M	"	
AFGL 4882S	13 09 05	−47 55 42	19.8	−2.9 M	10 M	"	
305.4+0.2	13 09 22.0	−62 21 24	8.3	S	7 s	811014	
FIRSSE 280	13 10 13	+44 19 30	93	371 J	10 M	830201	
AFGL 1604	13 10 18	− 1 32 12	8.6	1.2 MV	26 s	800213	AFGL
"	"	"	10.7	1.1 MV	26 s	"	"
NGC 5024	13 10 29	+18 26	10	5.0 MU	11 s	741110	RNGC
AFGL 4164	13 11 02	−60 51 36	11.0	−1.3 M	10 M	760913	
"	"	"	19.8	−3.3 M	10 M	"	
AFGL 4165	13 11 06	−62 28 48	11.0	−2.1 M	10 M	"	
"	"	"	19.8	−5.2 M	10 M	"	
"	"	"	27.4	−6.5 M	10 M	"	
NGC 5033	13 11 09.7	+36 51 30	10	0.161 JU	5.7 s	780305	769909
SW VIR	13 11 29.7	− 2 32 31	8	S	–	760609	CSI 79
"	"	"	8.4	−2.30 C	–	710203	"
"	"	"	8.6	−2.6 M	–	721103	"
"	"	"	10.8	−3.5 M	–	"	"
"	"	"	11.0	−3.13 C	–	710203	"
"	"	"	12.2	−3.4 M	–	721103	"
"	"	"	18.0	−4.4 M	–	"	"
"	"	"	20	−4.01 M	9 s	731104	"
AFGL 1606	13 11 31	− 2 32 12	8.4	−2.3 M	11 s	800213	AFGL
"	"	"	8.4	−2.4 MV	17 s	"	"
"	"	"	8.6	−2.2 M	26 s	"	"
"	"	"	10.7	−3.0 M	26 s	"	"
"	"	"	11.0	−3.3 M	10 M	760913	
"	"	"	11.2	−3.1 M	11 s	800213	AFGL
"	"	"	11.2	−3.2 MV	17 s	"	"
"	"	"	12.2	−3.0 M	26 s	"	"
"	"	"	12.5	−3.3 MV	17 s	"	"
"	"	"	18	−3.6 M	26 s	"	"
"	"	"	19.8	−4.3 M	10 M	760913	
AFGL 4886S	13 12 42	−12 11 00	11.0	−1.5 M	10 M	770706	
AFGL 1609S	13 13 33	+ 0 54 54	19.8	−3.4 M	10 M	"	
NGC 5055	13 13 34.9	+42 17 55	10	0.064 J	5.7 s	780305	769909
"	"	"	10.2	0.0 J	–	700904	"
FIRSSE 281	13 13 45	+42 17 54	93	36 J	10 M	830201	
V396 CEN	13 14 11.3	−61 19 13	8.6	0.4 M	–	741203	CSI 79
"	"	"	10.7	−0.6 M	–	"	"
"	"	"	12.2	−0.4 M	–	"	"
"	"	"	18	−1.4 M	–	"	"
AFGL 1615	13 17 03	+45 46 30	8.4	−0.4 M	11 s	800213	AFGL
"	"	"	8.4	−0.4 M	17 s	"	"
"	"	"	8.6	−0.6 M	26 s	"	"
"	"	"	10.7	−1.4 M	26 s	"	"
"	"	"	11.0	−0.9 M	10 M	760913	
"	"	"	11.2	−1.4 M	11 s	800213	AFGL
"	"	"	11.2	−1.5 M	17 s	"	"
"	"	"	12.2	−0.7 M	26 s	"	"
"	"	"	12.5	−1.2 M	17 s	"	"
V CVN	13 17 17.1	+45 47 22	8.4	−0.31 M	–	710403	779907
"	"	"	8.4	−0.39 C	–	710203	"
"	"	"	8.4	−0.43 CV	–	750104	"
"	"	"	8.4	−0.39 C	–	710405	"
"	"	"	11	−1.49 CV	–	750104	"
"	"	"	11	−1.53 M	–	710403	"
"	"	"	11.0	−1.42 C	–	710405	"
"	"	"	11.0	−1.42 C	–	710203	"
"	"	"	20	−2.22 M	–	741002	"
TON 153	13 17 34.2	+27 43 52	10	0.120 J	6 s	820404	809908
AFGL 1616S	13 18 05	+71 04 54	11.0	−1.6 M	10 M	770706	
AFGL 4890S	13 19 35	−62 24 06	11.0	−1.5 M	10 M	"	
AFGL 4166	13 19 53	−11 24 12	19.8	−4.0 M	10 M	760913	
"	"	"	27.4	−6.6 M	10 M	"	
AFGL 1617	13 19 57	− 3 31 54	11.0	−0.4 M	10 M	"	
AFGL 1621S	13 21 50	+55 10 12	19.8	−2.9 M	10 M	770706	
FIRSSE 282	13 21 51	+54 36 00	20	15 J	10 M	830201	
"	"	"	93	1433 J	10 M	"	
NGC 5128 #9	13 22 26.3	−42 44 49	10.6	0.40 JU	14 s	781210	
NGC 5128 #8	13 22 27.3	−42 44 56	10.6	0.25 J	14 s	"	
NGC 5128 #7	13 22 28.2	−42 45 03	10.6	0.29 J	14 s	"	
NGC 5128 #6	13 22 29.1	−42 45 10	10.6	0.30 J	14 s	"	
CEN A	13 22 30	−42 46	100	20000 JU	12 M	711201	
NGC 5128 #5	13 22 30.2	−42 45 21	10.6	0.11 J	V	781210	
NGC 5128 #4	13 22 30.9	−42 45 23	10.6	0.24 JU	14 s	"	
NGC 5128	13 22 31.8	−42 45 30	10.6	1.70 J	14 s	"	
"	13 22 33	−42 45 24	7.8	−17.1 RE	8.2 s	820901	779909
"	"	"	8	S	–	760904	"
"	"	"	8.4	3.62 M	3.5 s	"	"
"	"	"	8.4	3.46 M	5.2 s	"	"
"	"	"	8.6	−17.3 RE	8.2 s	820901	"
"	"	"	9.6	−17.7 RE	8.2 s	"	"
"	"	"	10	−17.4 RE	8.2 s	"	"
"	"	"	10.4	−17.5 RE	8.2 s	"	"
"	"	"	10.6	3.9 M	17 s	740701	"
"	"	"	11.0	2.79 M	3.5 s	760904	"
"	"	"	11.0	2.89 M	5.2 s	"	"
"	"	"	11.4	−17.5 RE	8.2 s	820901	"
"	"	"	12.4	−17.4 RE	8.2 s	"	"
"	"	"	12.6	1.96 M	3.5 s	760904	"
"	"	"	12.6	2.09 M	5.2 s	"	"
"	"	"	20	−17.6 RE	8.2 s	820901	"
"	"	"	1670	8.6 JU	1 M	761201	"
ALF VIR	13 22 33.3	−10 54 01	5.0	1.56 M	–	700302	CSI 79
"	"	"	8.4	1.70 M	–	710403	"
"	"	"	8.7	1.60 M	11 s	740807	"
"	"	"	10	1.78 M	11 s	"	"
"	"	"	10.2	1.69 M	–	700302	"
"	"	"	11	1.78 M	–	710403	"
"	"	"	11.4	1.71 M	11 s	740807	"
"	"	"	12.6	1.75 M	11 s	"	"
"	"	"	22.0	−1.44 M	–	700302	"
NGC 5128 #3	13 22 33.6	−42 45 44	10.6	0.39 JU	14 s	781210	
NGC 5128 #2	13 22 34.5	−42 45 50	10.6	0.45 JU	14 s	"	
NGC 5128 #1	13 22 35.4	−42 45 57	10.6	0.48 J	14 s	"	
AFGL 4167	13 23 20	−40 18 48	19.8	−3.2 M	10 M	760913	
W VIR	13 23 26.9	− 3 07 07	10	6.03 MU	–	741008	CSI 79
"	"	"	11.0	3.5 MU	11 s	700906	"
OME CEN #1	13 23 48	−47 13 36	10.5	3.08 MU	5 s	721205	779909
AFGL 4895S	13 23 54	−40 26 42	19.8	−3.2 M	10 M	770706	
AFGL 4168	13 24 15	−37 14 42	11.0	−2.1 M	10 M	760913	
"	"	"	19.8	−3.4 M	10 M	"	
AFGL 4897S	13 25 05	−27 05 54	19.8	−3.7 M	10 M	770706	
AFGL 4169	13 25 15	−36 44 42	11.0	−2.1 M	10 M	760913	
AFGL 1625	13 26 12	+55 24 12	11.0	−1.0 M	10 M	"	
AFGL 4170	13 26 12	−36 15 48	11.0	−2.0 M	10 M	"	
AFGL 1626S	13 26 46	−10 50 48	11.0	−0.2 M	10 M	770706	
AFGL 4898S	13 26 47	−38 05 12	19.8	−2.9 M	10 M	"	
R HYA	13 26 58.4	−23 01 23	5.0	−3.37 M	–	700302	CSI 79
"	"	"	8	S	V	721103	"
"	"	"	8.4	−3.41 CV	–	750104	"
"	"	"	8.4	−3.60 C	–	710405	"

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
"	h m s	° ′ ″	8.4	−3.69 M	–	710403	"
"	"	"	8.4	−3.51 C	–	710203	"
"	"	"	10	1590 J	15 s	800510	"
"	"	"	10	P	–	720803	"
"	"	"	10	−3.55 C	–	650101	"
"	"	"	10.2	−4.02 M	–	700302	"
"	"	"	11	−4.62 M	–	710403	"
"	"	"	11	−4.01 CV	–	750104	"
"	"	"	11.0	−4.37 C	–	710405	"
"	"	"	11.0	−4.11 C	–	710203	"
"	"	"	20	−4.76 M	9 s	731104	"
"	"	"	20	845 J	15 s	800510	"
"	"	"	20	−4.47 M	–	821005	"
"	"	"	22.0	−4.51 M	–	700302	"
"	"	"	30	773 J	15 s	800510	"
AFGL 1627	13 27 02	−23 02 06	8.4	−3.5 M	11 s	800213	AFGL
"	"	"	11.0	−4.2 M	10 M	760913	
"	"	"	11.2	−4.1 M	11 s	800213	AFGL
"	"	"	19.8	−4.8 M	10 M	760913	
M51 S3	13 27 39	+47 21	10	0.075 JU	12 s	741005	ED
AFGL 4171	13 27 44	−38 00 00	19.8	−3.0 M	10 M	760913	
M51 15"W	13 27 45.4	+47 27 16	55	11 J	55 s	821003	ED
NGC 5194	13 27 46.9	+47 27 16	10	0.079 JU	5.7 s	780305	769909
"	"	"	10.2	0.2 J	–	700904	"
M51	"	"	33	5 J	28 s	800108	"
"	"	"	55	24 J	49 s	821003	"
"	"	"	55	13 J	55 s	"	"
"	"	"	83	23 J	30 s	800108	"
"	"	"	130	52 J	49 s	821003	"
"	"	"	135	82 J	73 s	"	"
"	"	"	140	106 J	126 s	"	"
"	"	"	170	50 J	49 s	"	"
"	"	"	180	82 J	73 s	"	"
"	"	"	210	126 J	126 s	"	"
"	"	"	320	55 J	126 s	"	"
M51 9MFU	–	–	10	0.039 J	6 s	741005	"
M51 11MFU	–	–	10	0.065 JU	6 s	"	"
M51 120"N	13 27 46.9	+47 29 16	135	10 J	73 s	821003	ED
"	"	"	180	12 J	73 s	"	"
M51 15"E	13 27 48.4	+47 27 16	55	12 J	55 s	"	ED
HFE 17	13 27 50	−43 25	100	98000 J	12 M	711201	
M51 S4	13 27 52	+47 21	10	0.012 J	12 s	741005	ED
NGC 5195	13 27 52.4	+47 31 48	5.0	0.14 J	6 s	720901	769909
"	"	"	10	0.17 J	4.3 s	760510	"
"	"	"	10	0.29 J	5.7 s	"	"
"	"	"	10	0.29 J	6 s	720901	"
"	"	"	10	0.57 J	8.5 s	760510	"
"	"	"	10	0.92 J	20 s	"	"
"	"	"	10.2	0.30 J	–	700904	"
"	"	"	10.6	0.43 J	8.5 s	790405	"
"	"	"	21	0.57 J	8.5 s	"	"
"	"	"	33	3 JU	28 s	800108	"
"	"	"	33.5	2.1 J	8.5 s	750902	"
"	"	"	70	24 J	33 s	821003	"
"	"	"	83	8 JU	30 s	800108	"
"	"	"	110	12.4 J	49 s	821003	"
"	"	"	170	6.1 J	49 s	"	"
3C 286	13 28 49.7	+30 45 58	1570	16 JU	1 M	761201	809908
AFGL 4172	13 29 18	−62 32 12	11.0	−2.6 M	10 M	760913	
"	"	"	19.8	−4.4 M	10 M	"	
"	"	"	27.4	−6.3 M	10 M	"	
NGC 5189	13 29 59.5	−65 43 00	10	0.31 JU	9 s	800610	769910
"	"	"	10	0.38 JU	18 s	"	"
AFGL 1633	13 30 18	− 6 56 42	11.0	−1.1 M	10 M	760913	
"	"	"	19.8	−3.2 M	10 M	"	
AFGL 4900S	13 30 22	− 9 52 42	11.0	−0.5 M	10 M	770706	
AFGL 1634	13 30 47	−26 19 30	11.0	−1.5 M	10 M	760913	
AFGL 4901S	13 31 12	−59 58 30	27.4	−6.3 M	10 M	770706	
RW HYA	13 31 31.9	−25 07 27	11	2.87 M	–	710403	CSI 79
AFGL 4173	13 32 51	− 4 08 24	11.0	−2.1 M	10 M	760913	
MCG-6-30-15	13 33 02	−34 02 24	8.3	5.78 M	3.5 s	820311	809909
"	"	"	9.4	5.63 M	3.5 s	"	"
"	"	"	10.3	5.17 M	3.5 s	"	"
"	"	"	12.0	4.58 M	3.5 s	"	"
AFGL 4902S	13 33 27	−62 35 18	11.0	−1.3 M	10 M	770706	
HFE 18	13 33 41	−42 26	100	54000 J	12 M	711201	
AFGL 1638S	13 33 43	− 2 59 18	19.8	−2.8 M	10 M	770706	
NGC 5236	13 34 10.2	−29 36 49	7.8	−17.0 RE	13 s	820901	759903
"	"	"	8.6	−17.3 RE	13 s	"	"
"	"	"	9.6	−17.7 RE	13 s	"	"
"	"	"	10	6 J	V	700306	"
"	"	"	10	0.30 J	3.9 s	760510	"
"	"	"	10	0.40 J	5.7 s	780305	"
"	"	"	10	0.40 J	5.7 s	760510	"
"	"	"	10	0.55 J	6 s	720901	"
"	"	"	10	0.60 J	8.5 s	760510	"
"	"	"	10	−17.4 RE	13 s	820901	"
"	"	"	10	2.6 J	20 s	760510	"
"	"	"	10.4	−17.5 RE	13 s	820901	"
"	"	"	10.6	0.46 J	8.5 s	790405	"
"	"	"	10.6	3.6 M	17 s	740701	"
"	"	"	11.4	−17.6 RE	13 s	820901	"
"	"	"	12.4	−17.4 RE	13 s	"	"
"	"	"	20	−17.6 RE	13 s	"	"
"	"	"	21	1.5 J	5.7 s	790405	"
"	"	"	21	1.0 J	6 s	720901	"
"	"	"	33	28 J	28 s	800108	"
"	"	"	83	131 J	30 s	"	"
"	"	"	540	14 J	83 s	770901	"
AFGL 4903S	13 34 20	−33 49 48	19.8	−3.0 M	10 M	770706	
AFGL 4906S	13 35 38	−33 37 48	11.0	−1.6 M	10 M	"	
"	"	"	19.8	−2.5 M	10 M	"	
HFE 19	13 35 49	−40 40	100	38000 J	12 M	711201	
MYCN 18	13 35 54.4	−67 07 33	9.0	1700 G	7 s	811008	769910
"	"	"	10.5	700 G	7 s	"	"
"	"	"	12.8	1800 G	7 s	"	"
MARK 266	13 36 14.7	+48 31 53	8.4	4.2 MU	13 s	760706	739901
AFGL 1640S	13 36 18	+ 1 26 36	19.8	−2.9 M	10 M	770706	
AFGL 4174	13 36 31	−61 28 36	11.0	−1.8 M	10 M	760913	
"	"	"	19.8	−5.2 M	10 M	"	
"	"	"	27.4	−6.9 M	10 M	"	
AFGL 4907S	13 36 38	−62 50 18	19.8	−2.8 M	10 M	770706	
AFGL 4175	13 36 52	−49 41 36	11.0	−2.1 M	10 M	760913	
"	"	"	19.8	−2.8 M	10 M	"	
BS 5134	13 36 53.5	−49 41 48	10	−1.76 M	9 s	790804	CSI 79
"	"	"	20	−2.60 M	9 s	"	"
V744 CEN	"	"	20	−2.60 M	–	821005	"
NGC 5253	13 37 05.2	−31 23 21	7.8	−17.4 RE	8.2 s	820901	759903
"	"	"	8	S	5.4 s	820514	"
"	"	"	8.3	4.7 M	7.5 s	821110	"
"	"	"	8.6	−17.5 RE	8.2 s	820901	"
"	"	"	9.0	0.16 XU	5.4 s	820514	"
"	"	"	9.4	4.16 M	7.5 s	821110	"
"	"	"	9.6	−17.5 RE	8.2 s	820901	"
"	"	"	10	0.5 JU	V	700306	"
"	"	"	10	1.64 J	5.7 s	760510	"
"	"	"	10	2.13 J	6 s	720901	"
"	"	"	10	−17.4 RE	8.2 s	820901	"
"	"	"	10	1.87 J	20 s	760510	"
"	"	"	10.3	3.64 M	7.5 s	821110	"
"	"	"	10.4	−17.4 RE	8.2 s	820901	"
"	"	"	10.52	0.46 X	5.4 s	820514	"
"	"	"	10.6	1.50 J	8.5 s	790405	"
"	"	"	10.6	3.8 M	17 s	740701	"
"	"	"	11.4	−17.4 RE	8.2 s	820901	"
"	"	"	12.0	2.97 M	7.5 s	821110	"
"	"	"	12.4	−17.4 RE	8.2 s	820901	"
"	"	"	12.8	0.09 XU	5.4 s	820514	"
"	"	"	17.4	0.9 M	7.5 s	821110	"
"	"	"	20	−17.3 RE	8.2 s	820901	"
"	"	"	21	2.8 J	5.7 s	790405	"
"	"	"	21	3.7 J	6 s	720901	"
"	"	"	33.5	8.4 J	8.5 s	750902	"
MARK 267	13 37 28.5	+43 18 17	8.4	4.3 MU	13 s	760706	739901
A36	13 37 57.8	−19 37 33	10	4.0 MU	11 s	741009	769910
AFGL 1641S	13 38 08	−30 14 24	11.0	−1.8 M	10 M	770706	
AFGL 4908S	13 38 08	−52 15 12	27.4	−6.1 M	10 M	"	
83 UMA	13 38 50.5	+54 56 01	10	0.528 FV	V	660501	CSI 79
"	"	"	10	0.69 C	–	670801	"
MARK 268	13 38 54.2	+30 37 47	10.6	−.001 J	–	781209	739901
OH308.9+0.1IR	13 39 34.4	−61 53 45	8.2	−1.74 M	15 s	810417	
"	"	"	9.6	−0.85 M	15 s	"	
"	"	"	10	−1.36 M	15 s	"	
"	"	"	12.2	−2.60 M	15 s	"	
"	"	"	20	−3.61 M	15 s	"	
"	"	"	30	−4.15 M	15 s	"	
MARK 67	13 39 39.4	+30 46 17	10	−24.7 H	V	760401	739901
MARK 270	13 39 40.7	+67 55 33	10.6	0.017 J	3.9 s	781209	739901
AFGL 4176	13 39 41	−61 52 42	11.0	−1.7 M	10 M	760913	
"	"	"	19.8	−4.3 M	10 M	"	
NGC 5272	13 39 57	+28 38	10	5.7 M	11 s	741110	RNGC
AFGL 1644S	13 41 08	− 9 20 18	11.0	−0.7 M	10 M	770706	
AFGL 4912S	13 41 13	−61 49 06	19.8	−3.5 M	10 M	"	
MARK 273	13 42 51.2	+56 08 20	10.6	0.098 J	–	781209	739901
AFGL 4913S	13 43 05	+ 0 11 00	11.0	−1.6 M	10 M	770706	
"	"	"	19.8	−2.8 M	10 M	"	
BS 5171A	13 43 40.1	−62 20 24	8.6	−1.40 M	V	710701	CSI 79
"	"	"	8.6	−1.6 M	–	740809	"
BS 5171	"	"	8.7	−1.56 M	13 s	761006	"
BS 5171A	"	"	10.7	−3.4 M	–	740809	"
"	"	"	10.8	−3.44 M	V	710701	"
BS 5171	"	"	11.5	−3.28 M	13 s	761006	"
BS 5171A	"	"	12.2	−3.28 M	V	710701	"
"	"	"	12.2	−3.1 M	–	740809	"
"	"	"	17.5	−4.06 M	V	710701	"
"	"	"	18	−4.1 M	–	740809	"
AFGL 4177	13 43 59	−62 22 06	8.6	−1.4 MV	–	800213	AFGL
"	"	"	10.7	−3.2 MV	–	"	"
"	"	"	11.0	−3.1 M	10 M	760913	
"	"	"	12.2	−3.1 MV	–	800213	AFGL
"	"	"	18	−4.1 MV	–	"	"
"	"	"	19.8	−4.7 M	10 M	760913	
"	"	"	27.4	−6.8 M	10 M	"	
AM CEN	13 44 03.1	−53 06 30	8.6	1.5 M	–	741203	CSI 79
AFGL 4178	13 44 08	−61 08 06	11.0	−2.3 M	10 M	760913	
"	"	"	19.8	−3.8 M	10 M	"	
AFGL 4179	13 45 10	−31 15 18	11.0	−1.4 M	10 M	"	
ETA UMA	13 45 34.3	+49 33 43	8.7	2.37 M	11 s	740807	CSI 79
HD 120315	"	"	8.7	2.37 M	–	780704	"
ETA UMA	"	"	10	2.51 M	11 s	740807	"
HD 120315	"	"	10	2.51 M	–	780704	"
ETA UMA	"	"	11.4	2.26 M	11 s	740807	"
HD 120315	"	"	11.4	2.26 M	–	780704	"
ETA UMA	"	"	12.6	2.44 M	11 s	740807	"
AFGL 4915S	13 45 42	−27 55 48	19.8	−3.7 M	10 M	770706	
AFGL 4180	13 45 49	−62 33 24	11.0	−0.2 M	10 M	760913	
"	"	"	19.8	−3.3 M	10 M	"	
"	"	"	27.4	−6.2 M	10 M	"	
AFGL 1650	13 46 09	−28 07 18	11.0	−5.4 M	10 M	"	
"	"	"	19.8	−5.9 M	10 M	"	
W HYA	13 46 12.2	−28 07 05	5	D	–	751103	CSI 79
"	"	"	7	S	10 s	740303	"
"	"	"	8	S	V	721103	"
"	"	"	8.4	−4.60 C	–	710405	"
"	"	"	8.4	−4.60 M	–	710403	"
"	"	"	8.7	−4.20 M	13 s	761006	"
"	"	"	10	−4.8 M	–	710605	"
"	"	"	10	−5.0 ME	–	740408	"
"	"	"	10.0	−5.0 M	–	790101	"
"	"	"	10.1	−5.0 C	–	721001	"
"	"	"	11	−5.45 M	–	710403	"
"	"	"	11.0	−5.45 C	–	710405	"
"	"	"	11.5	−5.08 M	13 s	761006	"
"	"	"	19.5	−5.5 C	–	721001	"
"	"	"	20	−5.75 M	9 s	731104	"
"	"	"	20	−5.76 M	–	821005	"
"	"	"	25	−5.96 M	–	"	"
IC 4329A	13 46 27.9	−30 03 41	10	0.894 J	10 s	810719	789906
"	"	"	10.6	4.8 M	17 s	740701	"
"	"	"	10.6	0.770 J	–	781209	"
AFGL 4181	13 46 31	−34 11 18	11.0	−2.0 M	10 M	760913	
"	"	"	27.4	−6.1 M	10 M	"	
2 CEN	13 46 32.3	−34 12 05	8.4	−1.59 M	–	730002	CSI 79
"	"	"	10	−1.93 M	9 s	790804	"
"	"	"	10	−1.33 C	–	670801	"
"	"	"	10.2	1.31 M	–	700302	"
"	"	"	10.2	−1.85 M	–	730002	"
"	"	"	11.2	−1.91 M	–	"	"
"	"	"	20	−2.07 M	9 s	790804	"
R CVN	13 46 48.4	+39 47 27	11	−1.39 M	–	710403	779907
"	"	"	20	−1.8 M	14 s	760901	"
AFGL 1652	13 46 53	+39 47 36	11.0	−0.6 M	10 M	760913	
AFGL 4917S	13 47 03	+ 0 17 42	19.8	−3.9 M	10 M	770706	
AFGL 4182	13 47 03	−61 21 30	11.0	−2.0 M	10 M	760913	
"	"	"	19.8	−4.1 M	10 M	"	
"	"	"	27.4	−6.4 M	10 M	"	

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
309.9+0.5 #2	13 47 11.2	−61 20 19	8.3	S	7 s	811014	
OH309.8+0.5I1	13 47 12.7	−61 20 17	8.2	−0.40 M	15 s	810417	
"	"	"	9.6	−0.70 M	15 s	"	
"	"	"	12.2	−1.15 M	15 s	"	
"	"	"	20	−3.20 M	15 s	"	
AFGL 4918S	13 47 19	−67 16 30	11.0	−1.7 M	10 M	770706	
V381 CEN	13 47 22.4	−57 19 57	10.5	2.70 MU	5 s	721205	CSI 79
AFGL 4183	13 47 36	−65 31 48	11.0	−2.2 M	10 M	760913	
"	"	"	19.8	−2.9 M	10 M	"	
HE2-99	13 48 46.3	−66 08 37	10	0.66 J	18 s	800610	769910
"	"	"	20	7.82 J	18 s	"	"
AFGL 1653	13 49 13	− 3 25 18	11.0	−0.3 M	10 M	760913	
"	"	"	19.8	−2.6 M	10 M	"	
AFGL 4920S	13 49 28	+11 29 36	11.0	−1.7 M	10 M	770706	
"	"	"	19.8	−3.5 M	10 M	"	
NGC 5315	13 50 12.7	−66 16 06	8	S	5.3 s	820715	769910
"	"	"	8.0	3.87 J	18 s	800610	"
"	"	"	8.8	3.83 J	18 s	"	"
"	"	"	9.8	2.13 J	18 s	"	"
"	"	"	10	4.93 J	9 s	"	"
"	"	"	10	4.93 J	18 s	"	"
"	"	"	10.6	5.32 J	18 s	"	"
"	"	"	11.7	6.16 J	18 s	"	"
"	"	"	12.7	10.4 J	18 s	"	"
"	"	"	20	25.4 J	9 s	"	"
"	"	"	20	35.7 J	18 s	"	"
HE2-101	13 51 30	−58 12 30	10	0.50 JU	9 s	"	759905
PG 1351+64	13 51 46.3	+64 00 28	10	2.14 Q	V	790509	809908
"	"	"	1000	0.9 JU	55 s	821106	"
AFGL 1659	13 51 48	+16 25 36	11.0	−1.9 M	10 M	760913	
MARK 279	13 51 51.9	+69 33 13	10.6	0.076 J	3.9 s	781209	739901
"	"	"	1570	54 JU	1 M	761201	"
AFGL 4922S	13 51 56	− 5 31 24	11.0	−1.8 M	10 M	770706	
ETA BOO	13 52 18.1	+18 38 50	10	0.235 FV	V	660501	CSI 79
"	"	"	10	1.57 C	−	670801	"
"	"	"	10.2	−2.76 M	−	700302	"
FIRSSE 283	13 52 24	+56 08 42	20	187 J	10 M	830201	
"	"	"	93	111 J	10 M	"	
AFGL 1660	13 52 29.9	−26 11 13	8.4	0.97 M	17 s	790401	
"	"	"	12.5	0.32 M	17 s	"	
AFGL 4184	13 52 31	+ 5 46 36	19.8	−4.5 M	10 M	760913	
AFGL 1660	13 52 32	−26 12 00	8.6	1.2 M	8.5 s	800213	AFGL
"	"	"	11.3	1.3 M	8.5 s	"	"
"	"	"	19.8	−3.4 M	10 M	760913	
AFGL 1662S	13 54 06	−11 10 36	19.8	−3.6 M	10 M	770706	
AFGL 1663	13 54 46	−30 50 30	11.0	−0.9 M	10 M	760913	
MARK 281	13 55 00.6	+42 05 20	8.4	5.5 MU	13 s	760706	739901
AFGL 4185	13 55 29	−61 07 30	11.0	−2.1 M	10 M	760913	
"	"	"	19.8	−3.2 M	10 M	"	
"	"	"	27.4	−6.7 M	10 M	"	
AFGL 1664S	13 56 08	+11 11 12	11.0	−1.3 M	10 M	770706	
AFGL 1665S	13 56 18	+59 50 06	11.0	−1.2 M	10 M	"	
"	"	"	19.8	−3.0 M	10 M	"	
AFGL 1667S	13 56 55	−18 41 30	11.0	−0.8 M	10 M	"	
AFGL 4186	13 57 46	−59 30 48	11.0	−1.4 M	10 M	760913	
"	"	"	19.8	−3.4 M	10 M	"	
AFGL 4925S	13 58 00	−10 21 00	11.0	−1.7 M	10 M	770706	
PG 1358+04	13 58 00.6	+ 4 19 27	10	1.50 Q	V	790509	809908
"	"	"	1000	0.9 JU	55 s	821106	"
AFGL 1670S	13 58 06	+62 13 00	11.0	−1.1 M	10 M	770706	
AFGL 1673	13 59 33	−27 09 00	11.0	−1.0 M	10 M	760913	
AFGL 4187	13 59 53	−76 32 48	11.0	−2.9 M	10 M	"	
"	"	"	19.8	−4.0 M	10 M	"	
AFGL 4926S	14 00 17	− 7 20 00	19.8	−2.9 M	10 M	770706	
THE APS	14 00 23.2	−76 33 24	10	−3.03 M	9 s	790804	CSI 79
"	"	"	20	−4.10 M	9 s	"	"
AFGL 4188	14 00 35	−61 05 18	11.0	−1.0 M	10 M	760913	
"	"	"	19.8	−3.6 M	10 M	"	
NGC 5447	14 00 43	+54 31	10	0.047 JU	4 s	811005	RNGC
"	"	"	20	0.400 JU	5 s	"	"
NGC 5455	14 01 13	+54 26	10	0.035 JU	4 s	"	RNGC
"	"	"	20	0.400 JU	5 s	"	"
NGC 5457	14 01 26.6	+54 35 25	10	0.20 J	6 s	720901	769909
"	"	"	10	0.043 J	5.7 s	780305	"
"	"	"	1570	43 JU	1 M	761201	"
M101 S10	−	−	10	0.026 JU	12 s	741005	"
M101 S13	−	−	10	0.031 J	12 s	"	"
IC 972	14 01 41.8	−16 59 13	10	4.3 MU	11 s	741009	769910
NGC 5461	14 01 55	+54 33	10	0.118 J	4 s	811005	RNGC
"	"	"	20	0.838 J	5 s	"	"
NGC 5462	14 02 07	+54 36	20	0.400 JU	5 s	"	RNGC
AFGL 4189	14 02 25	−62 07 00	10	2.29 M	9 s	790804	AFGL
"	"	"	11.0	−1.3 M	10 M	760913	
"	"	"	19.8	−3.2 M	10 M	"	
"	"	"	20	1 MU	9 s	790804	AFGL
NGC 5471	14 02 49	+54 38	10	0.042 JU	4 s	811005	RNGC
"	"	"	20	0.400 JU	5 s	"	"
AFGL 4927S	14 02 53	−35 14 36	11.0	−1.6 M	10 M	770706	
"	"	"	27.4	−6.2 M	10 M	"	
AFGL 4190	14 03 57	−61 12 30	11.0	−0.8 M	10 M	760913	
"	"	"	19.8	−3.7 M	10 M	"	
"	"	"	27.4	−6.2 M	10 M	"	
AFGL 4929S	14 05 30	−60 55 42	19.8	−3.1 M	10 M	770706	
AFGL 4930S	14 05 44	− 8 37 42	19.8	−3.3 M	10 M	"	
IRC+40253	14 05 55	+44 05 00	5.0	−0.37 M	−	700302	IRC
"	"	"	10.2	−0.38 M	−	"	"
BS 5299	14 05 55.7	+44 05 28	10	−0.28 C	−	670801	CSI 79
"	"	"	10.4	0.34 C	−	640501	"
AFGL 1680	14 05 57	+44 05 36	11.0	−1.0 M	10 M	760913	
AFGL 1682S	14 06 40	−14 37 06	11.0	−0.8 M	10 M	770706	
AFGL 4933S	14 07 28	−30 35 24	19.8	−3.3 M	10 M	"	
AFGL 1683S	14 07 33	−15 08 18	19.8	−3.2 M	10 M	"	
AFGL 4934S	14 07 44	−19 01 54	11.0	−1.7 M	10 M	"	
AFGL 4935S	14 08 04	− 4 11 30	19.8	−2.7 M	10 M	"	
AL VIR	14 08 26.7	−13 04 31	10	5.34 MU	−	741008	CSI 79
"	"	"	11.0	3.7 MU	11 s	700906	"
AFGL 1686	14 08 38	− 7 33 54	8.4	0.3 MV	17 s	800213	AFGL
CRL 1686	"	"	8.4	0.3 C	18 s	761210	"
AFGL 1686	"	"	8.6	0.1 M	26 s	800213	"
"	"	"	10.7	−1.0 M	26 s	"	"
"	"	"	11.0	−1.5 M	10 M	760913	
"	"	"	11.2	−1.0 MV	17 s	800213	AFGL
CRL 1686	"	"	11.2	−1.0 C	18 s	761210	"
AFGL 1686	"	"	12.2	−0.8 M	26 s	800213	"
"	"	"	12.5	−0.9 MV	17 s	"	"
CRL 1686	"	"	12.5	−0.8 C	18 s	761210	"
AFGL 1686	"	"	19.8	−3.1 M	10 M	760913	
CRL 1686	14 08 39.0	− 7 30 44	10.6	50 J	12 s	780106	

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
"	"	"	11.0	55 J	12 s	"	
"	14 08 40.0	− 7 30 32	8.8	50 J	−	760604	
"	"	"	10.6	50 J	−	"	
"	"	"	10.6	63 J	−	"	
"	"	"	10.8	75 J	−	"	
"	"	"	11.6	62 J	−	"	
"	"	"	12.6	50 J	−	"	
HE2-106	14 10 24.0	−63 11 47	8.0	18.7 J	9 s	800610	769910
"	"	"	8.8	25.2 J	9 s	"	"
"	"	"	9.8	31.1 J	9 s	"	"
"	"	"	10	27.6 J	9 s	"	"
"	"	"	10.6	33.4 J	9 s	"	"
"	"	"	11.7	29.0 J	9 s	"	"
"	"	"	12.7	29.4 J	9 s	"	"
"	"	"	20	17.4 J	9 s	"	"
IRC-30217	14 10 37	−29 40 30	5.0	−15.2 RV	−	740401	IRC
"	"	"	10.2	−15.9 RV	−	"	"
NGC 5506	14 10 38.7	− 2 58 29	8.3	S	10 s	810719	ED
AFGL 4936S	14 12 22	−12 43 42	19.8	−2.9 M	10 M	770706	
R CEN	14 12 56.9	−59 40 53	8.6	−1.5 M	−	741203	CSI 79
"	"	"	10	−2.05 M	9 s	790804	"
"	"	"	10.7	−2.5 M	−	741203	"
"	"	"	12.2	−2.7 M	−	"	"
"	"	"	18	−3.0 M	−	"	"
"	"	"	20	−2.05 M	9 s	790804	"
"	"	"	20	−2.05 M	−	821005	"
1413+135	14 13	+13 30	10.6	0.029 JV	6 s	810803	ED
"	"	"	10.6	0.063 JU	−	811017	"
"	"	"	100	1.4 J	−	811016	"
"	"	"	1000	4.9 JV	−	"	"
AFGL 4191	14 13 02	−59 41 12	11.0	−2.7 M	10 M	760913	
"	"	"	19.8	−3.8 M	10 M	"	
AFGL 1693	14 13 20	+19 25 30	8.4	−3.3 M	11 s	800213	AFGL
"	"	"	11.0	−3.3 M	10 M	760913	
"	"	"	11.2	−3.2 M	11 s	800213	AFGL
"	"	"	19.8	−3.5 M	10 M	760913	
ALF BOO	14 13 22.7	+19 26 30	5	D	−	751103	CSI 79
ARCTURUS	"	"	5	2400 J	−	770702	"
ALF BOO	"	"	5.0	−2.96 C	−	640501	"
"	"	"	5.0	−3.12 M	−	700302	"
ARCTURUS	"	"	7	1360 J	−	770702	"
ALF BOO	"	"	8	S	−	731209	"
"	"	"	8	S	V	721103	"
"	"	"	8.4	−3.2 M	11 s	700906	"
"	"	"	8.4	−3.19 M	−	710403	"
"	"	"	8.4	−3.32 C	−	710203	"
"	"	"	8.4	−3.17 M	−	730002	"
"	"	"	8.5	−3.2 M	−	700907	"
"	"	"	8.6	−3.19 M	−	721103	"
"	"	"	8.6	−3.20 M	−	741009	"
"	"	"	8.6	−3.2 M	−	721203	"
"	"	"	8.7	−3.16 M	11 s	740807	"
"	"	"	8.7	−3.16 M	11 s	741202	"
"	"	"	8.7	−3.16 M	−	741008	"
"	"	"	8.7	−3.16 M	−	741105	"
"	"	"	8.8	42 F	−	760003	"
"	"	"	10	14.76 FV	V	660501	"
"	"	"	10	−3.25 C	V	731212	"
"	"	"	10	7.5 F	5 s	680703	"
"	"	"	10	−3.15 M	11 s	741202	"
"	"	"	10	−3.15 M	11 s	740807	"
"	"	"	10	−3.0 M	11 s	741110	"
"	"	"	10	−3.15 M	−	741008	"
"	"	"	10	−3.25 M	−	710605	"
"	"	"	10	−3.2 M	−	741107	"
"	"	"	10	−3.30 M	−	741009	"
"	"	"	10	P	−	720803	"
"	"	"	10	−4.54 M	−	790605	"
ARCTURUS	"	"	10	667 J	−	770702	"
ALF BOO	"	"	10.0	−3.15 M	−	741105	"
"	"	"	10.1	−2.85 M	15 s	681101	"
"	"	"	10.2	−3.07 M	−	730002	"
"	"	"	10.2	−3.28 M	−	700302	"
"	"	"	10.4	−2.76 C	−	640501	"
"	"	"	10.6	15.6 F	25 s	810215	"
"	"	"	10.6	10.5 F	−	760003	"
"	"	"	10.8	−3.25 M	−	741009	"
"	"	"	10.8	−3.27 M	−	721103	"
"	"	"	10.8	−3.3 M	−	721203	"
"	"	"	10.9	−3.07 M	V	820417	"
"	"	"	11	16.3 F	22 s	730106	"
"	"	"	11	−3.27 M	−	710403	"
"	"	"	11.0	−3.3 M	11 s	700906	"
"	"	"	11.0	−3.24 C	−	710203	"
"	"	"	11.2	−3.12 M	−	730002	"
"	"	"	11.3	−3.27 M	−	741009	"
"	"	"	11.3	−3.3 M	−	721203	"
"	"	"	11.4	−3.21 M	11 s	741202	"
"	"	"	11.4	−3.21 M	11 s	740807	"
"	"	"	11.4	−3.3 M	−	700907	"
"	"	"	11.4	−3.21 M	−	741105	"
"	"	"	11.4	−3.21 M	−	741008	"
"	"	"	11.5	630 J	−	691105	"
"	"	"	12.2	−3.22 M	−	721103	"
"	"	"	12.6	−3.23 M	11 s	741202	"
"	"	"	12.6	−3.23 M	11 s	740807	"
"	"	"	12.6	−3.23 M	−	741105	"
"	"	"	12.6	−3.23 M	−	741008	"
"	"	"	12.8	−3.30 M	−	741009	"
"	"	"	12.8	−3.3 M	−	721203	"
"	"	"	13	9.2 F	25 s	741111	"
ARCTURUS	"	"	13	408 J	−	770702	"
ALF BOO	"	"	18	−3.4 M	−	741009	"
"	"	"	18	−3.3 M	−	721203	"
"	"	"	18.0	−3.00 M	−	721103	"
"	"	"	19	−3.20 M	11 s	741202	"
"	"	"	19.5	−3.20 M	11 s	740807	"
"	"	"	19.5	−3.20 M	−	741105	"
"	"	"	20	−3.39 C	V	731212	"
"	"	"	20	−3.32 M	9 s	731104	"
"	"	"	20	−3.32 M	10 s	721002	"
"	"	"	20	−3.3 M	−	721203	"
"	"	"	20	−3.3 M	−	741107	"
"	"	"	21	−3.39 M	1 M	721005	"
"	"	"	22	−3.4 M	−	741009	"
"	"	"	22	−3.3 M	−	721203	"
"	"	"	22.0	−3.39 M	−	700302	"
"	"	"	23	−3.20 M	11 s	741202	"

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
"	h m s	° ′ ″	23	−3.20 M	–	741105	"
"	"	"	34	78 J	12 s	730805	"
FIRSSE 284	14 13 23	+19 25 54	20	197 J	10 M	830201	
"	"	"	27	82 J	10 M	"	
"	"	"	93	53 J	10 M	"	
AFGL 4192	14 13 54	−13 52 48	19.8	−3.1 M	10 M	760913	
AFGL 1694	14 14 08	−16 10 36	8.6	0.4 MV	26 s	800213	AFGL
"	"	"	10.7	−0.5 MV	26 s	"	"
"	"	"	11.0	−0.5 M	10 M	760913	
"	"	"	12.2	−0.5 MV	26 s	800213	AFGL
"	"	"	19.8	−2.4 M	10 M	760913	
HE2-108	14 14 47.5	−51 56 50	10	0.32 JU	18 s	800610	769910
AFGL 4937S	14 15 19	−14 27 18	11.0	−1.6 M	10 M	770706	
NGC 5548	14 15 44.0	+25 22 01	10	0.6 JV	V	700306	769909
"	"	"	10	0.18 J	6 s	720901	"
"	"	"	10.2	0.2 J	–	700904	"
"	"	"	10.6	0.210 J	–	781209	"
"	"	"	22	−13 JV	V	700306	"
AFGL 1696	14 15 58	+67 01 24	8.4	−0.1 M	11 s	800213	AFGL
"	"	"	11.0	−1.4 M	10 M	760913	
"	"	"	11.2	−0.6 M	11 s	800213	AFGL
AFGL 4938S	14 16 04	−61 11 00	11.0	−0.1 M	10 M	770706	
"	"	"	19.8	−2.5 M	10 M	"	
U UMI	14 16 14.2	+67 01 28	8.4	−0.09 M	–	710403	779907
"	"	"	8.4	−0.06 C	–	710203	"
"	"	"	11	−0.72 M	–	710403	"
"	"	"	11.0	−0.60 C	–	710203	"
AFGL 1697	14 16 29	−14 09 12	8.6	1.4 M	26 s	800213	AFGL
"	"	"	11.0	−0.8 M	10 M	760913	
AFGL 1698	14 16 31	−13 09 30	8.6	−1.7 M	26 s	800213	AFGL
"	"	"	10.7	0.7 M	26 s	"	"
"	"	"	19.8	−2.3 M	10 M	760913	
AFGL 1700	14 16 49	+ 3 01 00	11.0	−0.9 M	10 M	"	
AFGL 4193	14 17 00	−36 38 30	10	−0.54 M	9 s	790804	AFGL
"	"	"	11.0	−1.6 M	10 M	760913	
"	"	"	20	−0.75 M	9 s	790804	AFGL
AFGL 4939S	14 18 13	+ 5 42 00	11.0	−1.1 M	10 M	770706	
"	"	"	19.8	−2.9 M	10 M	"	
IC 4406	14 19 15.5	−43 55 27	10	0.34 JU	18 s	800610	739909
"	"	"	12.8	170 G	7 s	811008	"
BD+30 2512	14 19 47.7	+29 51 39	10.0	4.95 C	10 s	741205	CSI 79
"	"	"	11.4	4.81 C	10 s	"	"
AFGL 1702S	14 20 40	− 1 44 36	19.8	−3.6 M	10 M	770706	
MARK 471	14 20 46.9	+33 04 37	10.6	0.014 J	–	781209	739901
AFGL 4195	14 20 57	−60 10 54	19.8	−3.6 M	10 M	760913	
AFGL 1706	14 21 46	+25 54 36	8.4	−2.8 M	11 s	800213	AFGL
"	"	"	8.4	−2.7 M	17 s	"	"
"	"	"	8.6	−3.6 M	26 s	"	"
"	"	"	10.7	−3.8 M	26 s	"	"
"	"	"	11.0	−3.5 M	10 M	760913	
"	"	"	11.2	−3.7 M	11 s	800213	AFGL
"	"	"	11.2	−3.6 M	17 s	"	"
"	"	"	12.2	−4.8 M	26 s	"	"
"	"	"	12.5	−3.7 M	17 s	"	"
"	"	"	18	1.6 M	26 s	"	"
"	"	"	19.8	−4.4 M	10 M	760913	
FIRSSE 285	14 21 49	+25 56 00	20	732 J	10 M	830201	
"	"	"	27	224 J	10 M	"	
"	"	"	93	22 J	10 M	"	
AFGL 1705S	14 21 52	+84 03 48	19.8	−3.0 M	10 M	770706	
AFGL 4942S	14 21 56	−69 39 06	11.0	−1.6 M	10 M	"	
"	"	"	19.8	−2.8 M	10 M	"	
RX BOO	14 21 56.6	+25 55 47	6.3	1100 J	–	790402	CSI 79
"	"	"	8	S	V	721103	"
"	"	"	8.4	−2.80 C	–	710203	"
"	"	"	8.4	−2.80 M	–	710403	"
"	"	"	8.4	−2.80 C	–	710405	"
"	"	"	8.6	−2.9 M	–	721103	"
"	"	"	10.0	−3.4 MV	–	790101	"
"	"	"	10.8	−3.7 M	–	721103	"
"	"	"	11	−3.61 M	–	710403	"
"	"	"	11.0	−3.65 C	–	710405	"
"	"	"	11.0	−3.65 C	–	710203	"
"	"	"	12.2	−3.7 M	–	721103	"
"	"	"	16	S	30 s	791015	"
"	"	"	18.0	−4.2 M	–	721103	"
"	"	"	20	−4.29 M	9 s	731104	"
"	"	"	20	3.9 FV	30 s	791015	"
"	"	"	20	−4.28 M	–	821005	"
"	"	"	25	−4.28 M	–	"	"
"	"	"	33	−4.69 M	–	"	"
AFGL 1709S	14 24 38	−24 59 00	19.8	−3.3 M	10 M	770706	
AFGL 1710	14 24 42	+ 4 53 42	8.4	−0.5 M	11 s	800213	AFGL
"	"	"	11.0	−1.3 M	10 M	760913	
"	"	"	11.2	−1.3 M	11 s	800213	AFGL
RS VIR	14 24 46.5	+ 4 54 26	6.3	210 J	–	790402	CSI 79
"	"	"	8.4	−0.52 C	–	710203	"
"	"	"	8.7	−0.24 M	13 s	761006	"
"	"	"	10.0	−1.5 MV	–	790101	"
"	"	"	11.0	−1.26 C	–	710203	"
"	"	"	11.5	−0.89 M	13 s	761006	"
"	"	"	20	−2.54 M	–	821005	"
TON 202	14 25 21.9	+26 45 38	1000	0.9 JU	55 s	821106	809908
AFGL 4196	14 25 44	−68 43 12	19.8	−3.7 M	10 M	760913	
AFGL 4944S	14 26 02	−56 35 18	19.8	−3.5 M	10 M	770706	
AFGL 4945S	14 26 16	−53 57 30	19.8	−3.6 M	10 M	"	
NGC 5634	14 26 59	− 5 45	10	4.6 MU	11 s	741110	RNGC
AFGL 1714	14 27 27	+75 54 18	19.8	−2.9 M	10 M	760913	
WU 1428+40.3	14 28	+40 18	280	2.6E7 X	1 D	741104	ED
Y CEN	14 28 01.6	−29 52 33	20	−2.21 M	–	741002	CSI 79
AFGL 1715	14 28 04	−29 52 12	11.0	−2.0 M	10 M	760913	
"	"	"	19.8	−3.4 M	10 M	"	
315.22+0.01	14 29 45.7	−60 10 23	10	0.51 K	12 s	820308	
ETA CEN	14 32 19.3	−41 56 20	10.2	2.3 M	12 s	820309	CSI 79
AFGL 4949S	14 34 23	−14 17 30	11.0	−1.1 M	10 M	770706	
AFGL 4950S	14 34 48	+26 55 42	8.4	0.6 M	11 s	800213	770706
"	"	"	11.2	0.1 M	11 s	"	"
R BOO	14 34 59.2	+26 57 08	8.4	0.64 C	–	710203	CSI 79
"	"	"	8.4	0.71 C	–	710405	"
"	"	"	8.7	0.48 M	–	810406	"
"	"	"	10	0.32 M	–	"	"
"	"	"	11	0.42 M	–	710403	"
"	"	"	11.0	0.26 C	–	710405	"
"	"	"	11.0	0.10 C	–	710203	"
"	"	"	11.4	0.16 M	–	810406	"
"	"	"	12.6	0.13 M	–	"	"
"	"	"	19.5	−0.33 M	–	"	"
ALF CEN	14 36 11.1	−60 37 45	10	−1.61 M	9 s	790804	CSI 79
"	"	"	20	−1.48 M	9 s	"	"
ALF CEN A	"	"	8.4	−1.54 M	–	730002	"
"	"	"	10.2	−1.56 M	–	"	"
"	"	"	11.2	−1.55 M	–	"	"
ALF CEN B	"	"	8.4	−0.69 M	–	"	"
"	"	"	10.2	−0.59 M	–	"	"
"	"	"	11.2	−0.70 M	–	"	"
FIRSSE 286	14 36 35	+44 46 30	20	20 J	10 M	830201	
"	"	"	93	425 J	10 M	"	
AFGL 4197	14 36 35	−60 36 48	11.0	−2.7 M	10 M	760913	
"	"	"	19.8	−2.1 M	10 M	"	
AFGL 4953S	14 36 38	−10 23 54	19.8	−3.0 M	10 M	770706	
"	"	"	27.4	−6.3 M	10 M	"	
RV BOO	14 37 09.3	+32 45 15	8.4	−0.58 M	–	710403	779907
"	"	"	11	−1.56 M	–	"	"
"	"	"	20	−2.28 M	–	741002	"
AFGL 1719	14 37 10	+32 44 24	11.0	−1.2 M	10 M	760913	
NGC 5713	14 37 37.6	− 0 04 35	10	0.6 JU	V	700306	769909
AFGL 4955S	14 38 16	+15 42 06	11.0	−2.1 M	10 M	770706	
RW BOO	14 39 06.1	+31 47 05	8.4	−0.14 M	–	710403	CSI 79
"	"	"	8.4	0.12 C	–	710203	"
"	"	"	11	−0.96 M	–	710403	"
"	"	"	11.0	−0.81 C	–	710203	"
"	"	"	20	−1.4 M	14 s	760901	"
AFGL 1720	14 39 13	+31 47 18	8.4	0.1 M	11 s	800213	AFGL
"	"	"	11.2	−0.8 M	11 s	"	"
AFGL 1721S	14 39 19	−26 03 42	11.0	−1.8 M	10 M	770706	
MARK 478	14 40 04.6	+35 38 53	10.6	0.086 J	–	781209	739901
AFGL 1723S	14 40 32	−26 35 00	19.8	−3.2 M	10 M	770706	
AFGL 4958S	14 40 49	−48 55 12	19.8	−3.8 M	10 M	"	
AFGL 1724	14 41 02	+26 43 18	8.4	0.1 M	11 s	800213	AFGL
"	"	"	11.2	−0.1 M	11 s	"	"
W BOO	14 41 13.3	+26 44 20	8.4	−0.02 M	–	710403	CSI 79
"	"	"	8.4	0.10 C	–	710203	"
"	"	"	11	−0.22 M	–	710403	"
"	"	"	11.0	−0.07 C	–	710203	"
3C 303	14 41 24.8	+52 14 19	1670	18.0 JU	1 M	761201	769906
AFGL 4199	14 41 31	−59 36 42	11.0	−3.3 M	10 M	760913	
"	"	"	19.8	−6.3 M	10 M	"	
"	"	"	27.4	−7.8 M	10 M	"	
AFGL 4959S	14 42 21	−37 25 30	19.8	−4.2 M	10 M	770706	
AFGL 4200	14 42 32	−59 10 30	11.0	−1.6 M	10 M	760913	
"	"	"	19.8	−4.3 M	10 M	"	
EPS BOO	14 42 47.9	+27 17 04	5.0	−0.09 M	–	700302	CSI 79
OQ 172	14 42 50.6	+10 11 13	1000	1.1 J	55 s	780210	809908
AFGL 1727S	14 43 02	−25 58 54	19.8	−3.3 M	10 M	770706	
BS 5512	14 43 44.4	+15 20 25	20	−1.4 M	14 s	760901	CSI 79
AFGL 1729S	14 43 53	−20 20 42	11.0	−1.0 M	10 M	770706	
AFGL 1728	14 43 54	+15 19 30	11.0	−1.5 M	10 M	760913	
AFGL 1730S	14 44 33	+ 0 22 12	11.0	−1.0 M	10 M	770706	
AFGL 1731S	14 44 43	−12 29 18	11.0	−0.8 M	10 M	"	
AFGL 4963S	14 47 35	−43 21 18	11.0	−1.7 M	10 M	"	
"	"	"	19.8	−2.3 M	10 M	"	
AFGL 4202	14 48 02	−61 52 00	11.0	−3.0 M	10 M	760913	
"	"	"	19.8	−3.6 M	10 M	"	
BET UMI	14 50 49.6	+74 21 35	10	2.35 FV	V	660501	CSI 79
AFGL 1740	14 51 07	+74 22 30	11.0	−1.5 M	10 M	760913	
"	"	"	19.8	−2.9 M	10 M	"	
AFGL 4203	14 51 44	−72 37 42	11.0	−1.8 M	10 M	"	
AFGL 4204	14 51 54	−58 48 36	19.8	−3.7 M	10 M	"	
"	"	"	27.4	−6.7 M	10 M	"	
AFGL 1741S	14 52 12	− 2 29 36	19.8	−3.9 M	10 M	770706	
AFGL 4966S	14 53 45	+ 6 02 42	11.0	−1.7 M	10 M	"	
AFGL 4967S	14 54 05	−11 10 06	19.8	−2.9 M	10 M	"	
AFGL 4968S	14 54 34	−59 48 24	11.0	−1.4 M	10 M	"	
"	"	"	19.8	−3.1 M	10 M	"	
AFGL 4970S	14 54 52	−27 52 12	11.0	−1.2 M	10 M	"	
"	"	"	19.8	−2.9 M	10 M	"	
AFGL 1743	14 54 59	−12 15 54	11.0	−1.2 M	10 M	760913	
AFGL 4971S	14 54 59	−28 58 12	19.8	−2.9 M	10 M	770706	
AFGL 1743	14 55 02.6	−12 14 15	8.4	−0.37 M	17 s	790401	
"	"	"	12.5	−1.01 M	17 s	"	
HE2-113	14 56 14.7	−54 06 09	8	S	3.6 s	800911	820620
"	"	"	12.81	5.4 X	–	"	"
AFGL 4205	14 56 15	−54 06 18	19.8	−3.8 M	10 M	760913	
HE2-113	14 56 18	−54 06	8.8	−0.43 M	15 s	751204	740209
"	"	"	10.0	−0.96 M	15 s	"	"
"	"	"	11.6	−0.73 M	15 s	"	"
"	"	"	12.3	−1.02 M	15 s	"	"
"	"	"	19.6	−3.60 M	15 s	"	"
AFGL 1744	14 56 41	+66 08 48	8.4	−0.9 M	11 s	800213	AFGL
"	"	"	8.6	−1.4 M	26 s	"	"
"	"	"	10.7	−1.9 M	26 s	"	"
"	"	"	11.0	−1.7 M	10 M	760913	
"	"	"	11.2	−1.1 M	11 s	800213	AFGL
"	"	"	12.2	−1.8 M	26 s	"	"
"	"	"	18	−1.9 M	26 s	"	"
RR UMI	14 56 46.7	+66 07 52	8.4	−0.91 C	–	710203	779907
"	"	"	8.4	−0.91 C	–	710405	"
"	"	"	10	−1.18 MV	–	800210	"
"	"	"	11.0	−1.08 C	–	710405	"
"	"	"	11.0	−1.08 C	–	710203	"
"	"	"	20	−1.56 M	–	741002	"
AFGL 4972S	14 57 18	−58 45 06	19.8	−2.7 M	10 M	770706	
"	"	"	27.4	−6.3 M	10 M	"	
AFGL 4206	14 58 39	−59 27 00	11.0	−1.9 M	10 M	760913	
"	"	"	19.8	−2.5 M	10 M	"	
3C 309.1	14 58 56.7	+71 52 11	1570	16 JU	1 M	761201	809908
AFGL 4207	14 59 02	−58 25 42	19.8	−4.4 M	10 M	760913	
AFGL 4208	14 59 48	−58 50 12	11.0	−1.3 M	10 M	"	
"	"	"	19.8	−3.9 M	10 M	"	
AFGL 1749S	15 00 16	+ 2 18 54	11.0	−0.4 M	10 M	770706	
SIG LIB	15 01 08.2	−25 05 10	8.4	−1.59 M	–	730002	CSI 79
"	"	"	10	2.78 FV	V	660501	"
"	"	"	10	−1.11 C	–	670801	"
"	"	"	10.2	−1.62 M	–	730002	"
"	"	"	11.2	−1.63 M	–	"	"
"	"	"	20	−1.99 M	–	741002	"
"	"	"	22.0	−2.25 M	–	700302	"
AFGL 1750	15 01 09	−25 03 18	8.6	−1.4 M	26 s	800213	AFGL
"	"	"	10.7	−1.6 M	26 s	"	"
"	"	"	11.0	−2.1 M	10 M	760913	
"	"	"	12.2	−1.6 M	26 s	800213	AFGL
"	"	"	19.8	−2.8 M	10 M	760913	
AFGL 4209	15 01 33	−57 19 06	11.0	−2.4 M	10 M	"	
"	"	"	19.8	−4.3 M	10 M	"	
AFGL 4978S	15 03 34	−57 33 42	19.8	−2.9 M	10 M	770706	
S APS	15 04 13.7	−71 51 49	5	3.64 MV	–	781001	CSI 79

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
AFGL 4980S	15 05 43	−68 58 06	19.8	−3.5 M	10 M	770706	
AFGL 4981S	15 05 48	−58 26 12	11.0	−1.7 M	10 M	"	
"	"	"	19.8	−2.8 M	10 M	"	
WU 1506+01.2	15 06	+ 1 12	280	5E6 X	1 D	741104	ED
AFGL 4210	15 07 22	−57 31 54	19.8	−3.9 M	10 M	760913	
AFGL 4211	15 08 18	−48 08 48	11.0	−3.9 M	10 M	"	
"	"	"	19.8	−4.2 M	10 M	"	
AFGL 4985S	15 09 10	−69 53 06	11.0	−1.9 M	10 M	770706	
AFGL 1754	15 09 46	+19 09 06	8.6	−0.4 M	26 S	800213	AFGL
"	"	"	10.7	−1.8 M	26 S	"	"
"	"	"	12.2	−1.2 M	26 S	"	"
AFGL 4212	15 09 48	−55 11 24	11.0	−2.0 M	10 M	760913	
"	"	"	19.8	−3.9 M	10 M	"	
PKS 1510−08	15 10 09.0	− 8 54 48	1000	2.7 J	55 S	821106	809908
1510−08	"	"	1000	2.7 J	55 S	810103	"
AFGL 1755S	15 12 12	+15 20 18	19.8	−3.5 M	10 M	770706	
AFGL 1756	15 12 20	− 2 16 18	8.6	1.0 M	26 S	800213	AFGL
"	"	"	10.7	1.0 M	26 S	"	"
AFGL 4213	15 12 22	−58 01 48	11.0	−2.0 M	10 M	760913	
"	"	"	19.8	−4.3 M	10 M	"	
"	"	"	27.4	−6.1 M	10 M	"	
NGC 5882	15 13 24.9	−45 27 56	9.0	700 G	7 S	811008	769910
"	"	"	10	1.10 J	9 S	800610	"
"	"	"	10.5	10400 G	7 S	811008	"
"	"	"	12.8	100 GU	7 S	"	"
"	"	"	20	6.27 J	9 S	800610	"
AFGL 1759S	15 14 13	−12 33 00	19.8	−3.7 M	10 M	770706	
BET LIB	15 14 18.7	− 9 11 57	8.7	2.75 M	11 S	740807	CSI 79
HD 135742	"	"	8.7	2.75 M	−	780704	"
BET LIB	"	"	10	2.91 M	11 S	740807	"
HD 135742	"	"	10	2.91 M	−	780704	"
BET LIB	"	"	11.4	2.76 M	11 S	740807	"
HD 135742	"	"	11.4	2.76 M	−	780704	"
AP LIB	15 14 45.3	−24 11 22	10	0.084 JV	−	720903	809908
G322.2+0.6	15 15	−56 28	1000	32 J	2 M	781010	ED
AFGL 4988S	15 15 44	+ 0 16 36	11.0	−0.6 M	10 M	770706	
NGC 5904	15 16 02	+ 2 16	10	4.6 M	11 S	741110	RNGC
AFGL 1761	15 16 39	− 9 00 18	8.6	1.3 MV	26 S	800213	AFGL
"	"	"	10.7	1.0 MV	26 S	"	"
AFGL 1762S	15 18 09	+16 46 24	11.0	0.0 M	10 M	770706	
"	"	"	19.8	−3.0 M	10 M	"	
AFGL 1765	15 19 11	+14 28 12	11.0	−1.2 M	10 M	760913	
AFGL 4990S	15 19 17	+31 36 00	8.4	−2.2 M	11 S	800213	770706
"	"	"	11.0	−2.0 M	10 M	770706	
"	"	"	11.2	−3.1 M	11 S	800213	770706
S SER	15 19 18.9	+14 29 33	6.3	60 J	−	790402	CSI 79
S CRB	15 19 21.5	+31 32 46	6.3	290 J	−	"	779907
"	"	"	8.4	−2.0 M	11 S	700906	"
"	"	"	8.4	−1.98 M	−	710403	"
"	"	"	8.4	−2.18 C	−	710405	"
"	"	"	8.4	−1.76 CV	−	750104	"
"	"	"	8.4	−2.18 C	−	710203	"
"	"	"	8.6	−2.4 M	−	721203	"
"	"	"	8.6	−1.7 M	−	721103	"
"	"	"	10	−2.5 ME	−	740408	"
"	"	"	10.0	−2.5 MV	−	790101	"
"	"	"	10.1	−2.8 C	−	721001	"
"	"	"	10.8	−3.0 M	−	721103	"
"	"	"	10.8	−3.0 M	−	721203	"
"	"	"	11	−2.83 M	−	710403	"
"	"	"	11	−2.76 CV	−	750104	"
"	"	"	11.0	−2.8 M	11 S	700906	"
"	"	"	11.0	−3.12 C	−	710203	"
"	"	"	11.0	−3.12 C	−	710405	"
"	"	"	11.3	−3.0 M	−	721203	"
"	"	"	12.2	−2.6 M	−	721103	"
"	"	"	12.8	−2.8 M	−	721203	"
"	"	"	18	−3.4 M	−	"	"
"	"	"	18.0	−3.2 M	−	721103	"
"	"	"	20	−3.27 M	9 S	731104	"
"	"	"	20	−2.87 M	−	821005	"
"	"	"	25	−3.19 M	−	"	"
ME2−1	15 19 23.0	−23 27 05	9.0	100 GU	7 S	811008	739909
"	"	"	10	4.5 MU	11 S	741009	"
"	"	"	10.5	700 G	7 S	811008	"
"	"	"	11	1.3 JU	11 S	720301	"
"	"	"	11	3.6 MU	11 S	741009	"
"	"	"	11	1.3 JU	−	720301	"
"	"	"	12.8	100 GU	7 S	811008	"
RW LIB	15 20 07.7	−23 52 51	8.6	3.9 M	−	721203	CSI 79
"	"	"	11.3	3.5 M	−	"	"
AFGL 4214	15 20 56	+16 32 12	19.8	−3.2 M	10 M	760913	
AFGL 1766	15 21 21	−33 46 18	11.0	−1.9 M	10 M	"	
AFGL 1767	15 21 22	−22 42 12	11.0	−1.8 M	10 M	"	
RS LIB	15 21 24.6	−22 43 44	8.4	−0.85 M	−	710403	CSI 79
"	"	"	11	−1.69 M	−	"	"
"	"	"	20	−2.38 M	−	741002	"
AFGL 4993S	15 21 59	+15 39 18	11.0	−1.1 M	10 M	770706	
AFGL 1768S	15 22 10	+ 9 05 06	11.0	−1.2 M	10 M	"	
AFGL 1769	15 22 17	− 2 04 24	11.0	−1.3 M	10 M	760913	
"	"	"	19.8	−3.1 M	10 M	"	
AFGL 1771	15 22 36	−36 04 18	11.0	−2.7 M	10 M	"	
"	"	"	19.8	−3.5 M	10 M	"	
AFGL 1772	15 23 21	+15 36 00	11.0	−1.2 M	10 M	"	
AFGL 4995S	15 24 02	+17 08 30	19.8	−3.0 M	10 M	770706	
AFGL 4996S	15 24 53	−37 08 48	27.4	−6.7 M	10 M	"	
AFGL 1773	15 25 27	+19 43 36	8.4	−0.7 MV	17 S	800213	AFGL
"	"	"	8.6	−1.0 MV	26 S	"	"
"	"	"	10.7	−1.8 MV	26 S	"	"
"	"	"	11.0	−1.4 M	10 M	760913	
"	"	"	11.2	−1.9 MV	17 S	800213	AFGL
"	"	"	12.2	−1.7 MV	26 S	"	"
"	"	"	12.5	−1.7 MV	17 S	"	"
"	"	"	18	−2.9 M	26 S	"	"
"	"	"	19.8	−2.6 M	10 M	760913	
CIT 7	15 25 30	+19 44	8.6	−1.0 MV	20 S	741201	661001
"	"	"	10.7	−1.8 MV	20 S	"	"
"	"	"	12.2	−1.6 MV	20 S	"	"
"	"	"	18	−2.9 M	20 S	"	"
WX SER	15 25 31.7	+19 44 20	8.4	−0.33 M	−	710403	CSI 79
"	"	"	8.4	−0.7 CV	−	760610	"
"	"	"	8.6	−1.26 M	−	740603	"
"	"	"	10.1	−1.7 C	−	720001	"
"	"	"	10.7	−2.13 M	−	740603	"
"	"	"	11	−1.28 M	−	710403	"
"	"	"	11.2	−1.8 CV	−	760610	"
"	"	"	12.2	−2.13 M	−	740603	"
"	"	"	12.5	−1.6 CV	−	760610	"
"	"	"	18	−2.85 M	−	740603	"
"	"	"	20	−2.44 M	9 S	731104	"
IRC+20281	15 25 32	+19 44 06	5.0	1.01 M	−	700302	IRC
"	"	"	10.2	−15.0 R	−	740401	"
"	"	"	10.2	−0.64 M	−	700302	"
"	"	"	22.0	−2.31 M	−	"	"
HD 137603	15 25 44.7	−58 24 32	11.6	1.67 M	15 S	751204	CSI 79
LB 9743	15 25 45.8	+22 43 24	10	0.078 JU	6 S	820404	810609
"	"	"	1000	0.9 JU	55 S	821106	"
AFGL 4215	15 26 16	+17 34 00	19.8	−3.1 M	10 M	760913	
IRC 00266	15 26 17	+ 3 59 42	10.2	−16.2 RV	−	740401	IRC
AFGL 5000S	15 27 11	+17 44 12	19.8	−3.0 M	10 M	770706	
AFGL 5001S	15 27 27	−12 44 24	19.8	−3.8 M	10 M	"	
AFGL 4216	15 27 59	−62 08 30	11.0	−3.9 M	10 M	760913	
AFGL 5002S	15 28 31	−70 18 12	11.0	−1.7 M	10 M	770706	
324.20+0.12	15 29 01.0	−55 46 08	8.3	S	7 S	811014	
G324.2+0.1	"	"	1000	25 J	2 M	781010	811014
AFGL 1778S	15 30 00	−16 53 48	11.0	−0.7 M	10 M	770706	
"	"	"	19.8	−3.5 M	10 M	"	
THE CRB	15 30 54.6	+31 31 35	8.7	4.43 M	11 S	740807	CSI 79
"	"	"	10	4.51 M	11 S	"	"
AFGL 1780	15 30 55	+78 48 12	11.0	−1.6 M	10 M	760913	
"	"	"	19.8	−2.7 M	10 M	"	
HE2−131	15 31 54.0	−71 45 00	8	S	5.3 S	820715	769910
"	"	"	8.0	6.31 JU	9 S	800610	"
"	"	"	8.8	1.92 J	9 S	"	"
"	"	"	9.8	3.12 J	9 S	"	"
"	"	"	10	3.57 J	9 S	"	"
"	"	"	10.6	4.10 J	9 S	"	"
"	"	"	11.7	3.65 J	9 S	"	"
"	"	"	12.7	7.97 J	9 S	"	"
"	"	"	12.8	7000 G	7 S	811008	"
"	"	"	20	38.1 J	9 S	800610	"
ALF CRB	15 32 34.1	+26 52 53	8.7	2.27 M	11 S	740807	CSI 79
HD 139006	"	"	8.7	2.27 M	−	780704	"
ALF CRB	"	"	10	2.15 M	11 S	740807	"
HD 139006	"	"	10	2.15 M	−	780704	"
ALF CRB	"	"	11.4	2.16 M	11 S	740807	"
HD 139006	"	"	11.4	2.16 M	−	780704	"
AFGL 1783	15 32 52	+77 31 30	19.8	−4.3 M	10 M	760913	
AFGL 1788	15 34 06	+15 16 06	11.0	−1.9 M	10 M	"	
"	"	"	19.8	−2.8 M	10 M	"	
TAU 4 SER	15 34 09.0	+15 15 54	8.4	−1.48 M	−	710403	CSI 79
"	"	"	8.4	−1.48 C	−	710405	"
"	"	"	11	−2.08 M	−	710403	"
"	"	"	11.0	−2.08 C	−	710405	"
"	"	"	20	−2.56 M	−	741002	"
MARK 290	15 34 45.4	+58 04 00	10.6	0.048 J	−	781209	739901
"	"	"	1570	76 JU	1 M	761201	"
AFGL 4217	15 35 05	−15 12 36	11.0	−1.9 M	10 M	760913	
"	"	"	19.8	−3.3 M	10 M	"	
MARK 486	15 35 21.5	+54 43 04	10.6	0.062 J	−	781209	739901
AFGL 5009S	15 36 46	+33 02 42	11.0	−2.0 M	10 M	770706	
RR CRB	15 39 36.2	+38 43 01	8.4	0.53 C	−	710203	779907
"	"	"	11.0	0.44 C	−	"	"
IRC−20293	15 40 47	−21 40 30	10.2	−16.5 R	−	740401	IRC
BG SER	15 41 01	− 1 33 12	20	−1.95 M	−	741002	GCVS
AFGL 1793	15 41 04	− 1 33 00	11.0	−1.5 M	10 M	760913	
ALF SER	15 41 48.1	+ 6 34 52	5.0	0.05 M	−	700302	CSI 79
"	"	"	10	0.327 FV	V	660501	"
"	"	"	10.2	0.51 M	−	700302	"
"	"	"	10.4	0.45 C	−	640501	"
AFGL 1794	15 41 54	+ 6 33 12	11.0	−0.1 M	10 M	760913	
AFGL 5012S	15 42 21	+20 02 24	19.8	−3.5 M	10 M	770706	
NGC 5979	15 43 26.0	−61 03 48	10	0.34 JU	9 S	800610	769910
327.12+0.51	15 43 42.0	−53 43 27	8.3	S	7 S	811014	
AFGL 1795S	15 44 43	+11 24 24	11.0	−1.4 M	10 M	770706	
3C 323.1	15 45 31.1	+21 01 33	10	0.10 J	6 S	720901	769906
AFGL 1797S	15 46 20	+ 5 00 06	11.0	−1.1 M	10 M	770706	
R CRB	15 46 30.6	+28 18 31	8.4	−0.8 MV	−	721204	CSI 79
"	"	"	8.4	0.18 M	−	710403	"
"	"	"	8.4	−0.21 CV	−	750104	"
"	"	"	8.6	−0.6 M	−	721203	"
"	"	"	8.6	0.20 M	−	740603	"
"	"	"	8.6	−0.7 M	−	721103	"
"	"	"	10	−0.17 MV	−	790912	"
"	"	"	10.7	−0.20 M	−	740603	"
"	"	"	10.8	−0.7 M	−	721103	"
"	"	"	10.8	−0.9 M	−	721203	"
"	"	"	11	−0.53 CV	−	750104	"
"	"	"	11	−0.06 M	−	710403	"
"	"	"	11.0	−0.5 MV	−	721204	"
"	"	"	11.3	−0.9 M	−	721203	"
"	"	"	12.2	−0.70 M	−	740603	"
"	"	"	12.2	−0.8 M	−	721103	"
"	"	"	12.8	−0.9 M	−	721203	"
"	"	"	18	−1.0 M	−	"	"
"	"	"	18.0	−0.8 M	−	721103	"
"	"	"	20	−1.00 M	9 S	731104	"
AFGL 4219	15 46 30.7	+28 18 32	8.4	0.06 M	17 S	790401	
"	"	"	12.5	−0.10 M	17 S	"	
AFGL 1799	15 46 35	+18 17 18	11.0	−0.8 M	10 M	760913	
AFGL 4219	15 46 38	+28 17 54	8.4	−0.2 MV	17 S	800213	AFGL
"	"	"	8.6	−0.1 MV	26 S	"	"
"	"	"	10.7	−0.4 MV	26 S	"	"
"	"	"	11.0	−1.0 M	10 M	760913	
"	"	"	11.2	−0.5 MV	17 S	800213	AFGL
"	"	"	12.2	−0.3 MV	26 S	"	"
"	"	"	12.5	−0.6 MV	17 S	"	"
"	"	"	18	−1.4 MV	26 S	"	"
X CRB	15 47 00.9	+36 23 59	8.7	2.40 M	−	810406	779907
"	"	"	10	2.22 M	−	"	"
"	"	"	11.4	1.99 M	−	"	"
"	"	"	12.6	1.75 M	−	"	"
"	"	"	19.5	1.33 M	−	"	"
HD 330036	15 47 38.5	−48 36 00	10	0.7 M	−	730013	820620
"	"	"	20	−0.7 M	−	"	"
V CRB	15 47 44.0	+39 43 22	8.4	−0.11 C	−	710203	CSI 79
"	"	"	8.4	−0.11 C	−	710405	"
"	"	"	8.4	−0.41 CV	−	750104	"
"	"	"	8.4	5.40 F	−	761005	"
"	"	"	8.6	4.83 F	−	"	"
"	"	"	8.6	−0.2 M	−	721103	"
"	"	"	10.8	−1.1 M	−	"	"
"	"	"	10.8	4.52 F	−	761005	"
"	"	"	11	−1.10 CV	−	750104	"
"	"	"	11.0	−0.85 C	−	710405	"
"	"	"	11.0	−0.85 C	−	710203	"

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
"	h m s	° ′ ″	11.0	3.75 F	-	761005	"
"	"	"	12.2	−1.0 M	-	721103	"
"	"	"	12.2	2.77 F	-	761005	"
"	"	"	18.0	0.287 F	-	"	"
"	"	"	18.0	−0.3 M	-	721103	"
"	"	"	20	−1.0 M	14 s	760901	"
AFGL 5014S	15 47 54	−34 55 48	11.0	−1.3 M	10 M	770706	
AFGL 1801	15 48 16	+15 17 30	8.4	−0.6 M	11 s	800213	AFGL
"	"	"	11.0	−1.6 M	10 M	760913	
"	"	"	11.2	−1.3 M	11 s	800213	AFGL
AFGL 5015S	15 48 19	−31 33 48	11.0	−0.5 M	10 M	770706	
"	"	"	19.8	−3.5 M	10 M	"	
R SER	15 48 23.2	+15 17 01	8.4	−0.58 C	-	710203	CSI 79
"	"	"	11.0	−1.26 C	-	"	"
"	"	"	20	−1.91 M	-	741002	"
AFGL 1801	15 48 23.2	+15 17 02	8.4	−0.96 M	17 s	790401	
"	"	"	12.5	−1.76 M	17 s	"	
G327.3-0.5	15 49	−54 24	1000	74 J	2 M	781010	ED
UCL 34A	15 49 00	−54 25 12	100	2.0E5 W	-	751202	
RCW 97	15 49 12.9	−54 26 27	8.8	−15.8 R	29 s	760910	
"	"	"	9.8	−16.0 R	29 s	"	
"	"	"	10	−23.5 L	V	740906	
"	"	"	10	−15.7 R	29 s	760910	
"	"	"	10.6	−15.8 R	29 s	"	
"	"	"	11.7	−15.7 R	29 s	"	
"	"	"	12.6	−15.6 R	29 s	"	
ST HER	15 49 16.7	+48 37 58	8.4	−1.03 C	-	710203	779907
"	"	"	11.0	−1.70 C	-	"	"
"	"	"	20	−2.42 M	-	741002	"
UCL 34	15 49 51	−54 26 48	100	2.9E5 W	-	751202	
328.3+0.43	15 50 17.0	−53 02 52	8.3	S	7 s	811014	
FIRSSE 287	15 50 27	+58 56 00	93	63 J	10 M	830201	
AFGL 5018S	15 50 53	−18 50 54	19.8	−3.9 M	10 M	770706	
AFGL 1805	15 51 00	−16 32 36	11.0	−2.1 M	10 M	760913	
HE2-138	15 51 19.2	−66 00 26	8.8	0.76 J	9 s	800610	769910
"	"	"	10	1.29 J	9 s	"	"
"	"	"	11.7	1.21 J	9 s	"	"
"	"	"	12.7	2.48 J	9 s	"	"
"	"	"	20	21.2 J	9 s	"	"
L183 2'N	15 51 30	− 2 43 29	235	70 W	2.2 M	810408	ED
L183	15 51 30	− 2 43 31	235	42 W	2.2 M	"	
L183 2'S	15 51 30	− 2 43 33	235	44 W	2.2 M	"	ED
AFGL 5020S	15 51 52	−20 44 42	11.0	−1.3 M	10 M	770706	
AFGL 1807	15 51 55	−37 11 30	11.0	−2.3 M	10 M	760913	
IRC 00274	15 52 26	− 3 50 12	10.7	0.7 MU	-	740705	IRC
AFGL 1808S	15 52 36	+ 5 05 12	11.0	−1.5 M	10 M	770706	
AFGL 1809	15 52 37	− 3 48 42	10.7	0.7 MU	26 s	800213	AFGL
MARK 291	15 52 54.1	+19 20 20	1570	42 JU	1 M	761201	739901
AFGL 1812S	15 52 56	− 8 05 06	11.0	−1.2 M	10 M	770706	
2 HER	15 52 57.7	+43 16 59	5.0	0.40 M	-	700302	CSI 79
"	"	"	22.0	−3.55 M	-	"	"
AFGL 1813S	15 54 08	−18 32 06	19.8	−3.3 M	10 M	770706	
AFGL 5022S	15 54 11	−36 03 36	11.0	−1.0 M	10 M	"	
"	"	"	19.8	−2.6 M	10 M	"	
UCL 33	15 55 08	−53 37 36	100	1.3E5 W	-	751202	
48 LIB	15 55 23.0	−14 08 10	8.7	3.22 M	11 s	740807	CSI 79
HD 142983	"	"	8.7	3.22 M	-	780704	"
48 LIB	"	"	10	3.20 M	11 s	740807	"
HD 142983	"	"	10	3.20 M	-	780704	"
48 LIB	"	"	11.4	2.94 M	11 s	740807	"
HD 142983	"	"	11.4	2.94 M	-	780704	"
AFGL 1816	15 55 36	+27 01 30	11.0	−0.1 M	10 M	760913	
T CRB	15 57 24.4	+26 03 38	5.0	1.88 M	-	700302	CSI 79
"	"	"	8.4	3.54 M	-	710403	"
"	"	"	10	4.2 M	-	700804	"
"	"	"	11	3.5 MU	-	710403	"
AFGL 1818	15 57 35	−12 12 18	8.4	0.0 MV	17 s	800213	AFGL
"	"	"	8.6	0.5 M	-	"	"
"	"	"	10.7	0.6 M	-	"	"
"	"	"	11.0	−0.9 M	10 M	760913	
"	"	"	11.2	−0.8 MV	17 s	800213	AFGL
"	"	"	12.2	0.4 M	-	"	"
"	"	"	12.5	−0.6 MV	17 s	"	"
"	"	"	18	−1.3 M	-	"	"
HD 143183	15 57 39.4	−53 59 42	8.6	−1.3 M	-	741203	CSI 79
"	"	"	10.7	−2.7 M	-	"	"
"	"	"	12.2	−2.4 M	-	"	"
"	"	"	18	−3.1 M	-	"	"
AFGL 5025S	15 59 15	+25 16 30	19.8	−3.0 M	10 M	770706	
"	"	"	27.4	−6.4 M	10 M	"	
X HER	16 01 08.7	+47 22 36	8.4	−2.13 C	-	710405	779907
"	"	"	8.4	−2.22 CV	-	750104	"
"	"	"	8.4	−2.13 C	-	710203	"
"	"	"	8.6	−2.0 M	-	721103	"
"	"	"	10.8	−2.7 M	-	"	"
"	"	"	11	−3.03 CV	-	750104	"
"	"	"	11	−3.18 M	-	710403	"
"	"	"	11.0	−2.95 C	-	710405	"
"	"	"	11.0	−2.95 C	-	710203	"
"	"	"	12.2	−2.6 M	-	721103	"
"	"	"	16	S	30 s	791015	"
"	"	"	18.0	−3.2 M	-	721103	"
"	"	"	20	−3.74 M	9 s	731104	"
"	"	"	20	2.1 FV	30 s	791015	"
"	"	"	20	−3.58 M	-	821005	"
"	"	"	25	−3.64 M	-	"	"
"	"	"	33	−4.13 M	-	"	"
AFGL 1820S	16 01 35	+15 01 36	11.0	−0.7 M	10 M	770706	
NGC 6058	16 02 50	+40 49	10	5.1 MU	4 s	741009	RNGC
"	"	"	10	4.3 MU	11 s	"	"
"	"	"	11	3.6 MU	11 s	"	"
"	"	"	11	1.2 JU	11 s	720301	"
"	"	"	11	1.2 JU	-	"	"
"	"	"	18	0.6 MU	11 s	741009	"
RR HER	16 02 50.6	+50 38 04	10.8	2.2 M	-	721103	779907
AFGL 1821	16 02 55	−21 38 06	8.6	0.3 M	26 s	800213	AFGL
"	"	"	10.7	0.4 M	26 s	"	"
AFGL 1822	16 02 59	−30 40 30	11.0	−1.8 M	10 M	760913	
"	"	"	19.8	−3.4 M	10 M	"	
CRL 1822	16 02 59.7	−30 40 48	5.0	86 J	-	760605	
"	"	"	8.8	100 J	-	"	
"	"	"	10.4	80 J	-	"	
"	"	"	10.6	80 J	-	"	
"	"	"	12.6	150 J	-	"	
MARK 297	16 03 01.2	+20 40 43	8.4	4.5 MU	13 s	760706	739901
MARK 298	16 03 21.7	+17 56 03	1570	49 JU	1 M	761201	739901
AFGL 5029S	16 04 24	− 3 43 36	11.0	−1.7 M	10 M	770706	
IRC+50249	16 05 20	+48 50 06	10	0.4 MU	-	740705	IRC
SX HER	16 05 20.9	+25 02 27	8.4	4.0 MU	11 s	700906	CSI 79
"	"	"	8.6	4.0 MU	-	721203	"
"	"	"	11.0	4.0 MU	11 s	700906	"
"	"	"	11.3	3.8 MU	-	721203	"
UCL 31	16 05 44	−51 49 24	100	1.4E5 W	-	751202	
IRC 00277	16 06 02	− 1 24 24	10.7	0.9 MU	-	740705	IRC
AFGL 1826	16 06 04	− 1 25 30	8.6	1.4 M	26 s	800213	AFGL
"	"	"	10.7	0.2 M	26 s	"	"
"	"	"	11.0	−1.4 M	10 M	760913	
"	"	"	12.2	0.8 M	26 s	800213	AFGL
AFGL 1825	16 06 05	+ 8 39 24	8.6	0.2 M	26 s	"	AFGL
"	"	"	10.7	0.4 M	26 s	"	"
"	"	"	19.8	−2.5 M	10 M	760913	
UCL 32	16 06 21	−52 01 00	100	1.1E5 W	-	751202	
G330.9-0.4	16 07	−51 58	1000	33 J	2 M	781010	ED
AFGL 1830	16 07 27	−27 40 30	11.0	−0.5 M	10 M	760913	
UCL 30	16 07 30	−51 22 06	100	1.1E5 W	-	751202	
AFGL 5033S	16 07 55	+10 44 06	19.8	−3.6 M	10 M	770706	
G331.5-0.1	16 08	−51 21	1000	36 J	2 M	781010	ED
RU HER	16 08 05.7	+25 12 01	8.4	−1.04 M	-	710403	CSI 79
"	"	"	8.7	−1.05 M	-	810406	"
"	"	"	10	−1.58 M	-	"	"
"	"	"	11	−1.99 M	-	710403	"
"	"	"	11.4	−2.00 M	-	810406	"
"	"	"	12.6	−2.02 M	-	"	"
"	"	"	19.5	−2.30 M	-	"	"
"	"	"	20	−2.55 M	-	821005	"
"	"	"	25	−2.65 M	-	"	"
AFGL 4221	16 08 06	− 1 56 06	11.0	−1.7 M	10 M	760913	
"	"	"	19.8	−4.6 M	10 M	"	
IRC+30283	16 08 07	+25 12 00	5.0	−0.25 M	-	700302	IRC
"	"	"	10.2	−1.31 M	-	"	"
"	"	"	22.0	−1.89 M	-	"	"
AFGL 1832	16 08 09	+25 12 12	8.4	−1.4 M	17 s	800213	AFGL
"	"	"	8.6	−1.2 MV	26 s	"	"
"	"	"	10.7	−1.9 MV	26 s	"	"
"	"	"	11.0	−1.7 M	10 M	760913	
"	"	"	11.2	−2.1 M	17 s	800213	AFGL
"	"	"	12.2	−2.0 MV	26 s	"	"
"	"	"	12.5	−2.7 M	17 s	"	"
"	"	"	18	−2.6 M	26 s	"	"
CIT 8	16 08 12	+25 12	8.6	−1.2 MV	20 s	741201	661001
"	"	"	10.7	−1.8 MV	20 s	"	"
"	"	"	12.2	−2.0 MV	20 s	"	"
"	"	"	18	−2.6 M	20 s	"	"
UCL 29	16 08 14	−51 20 00	100	1.6E5 W	-	751202	
331.51-0.1 #1	16 08 19.9	−51 20 18	8.3	S	7 s	811014	
AS 205	16 08 41	−18 31 00	8.6	2.6 M	11 s	741108	GCVS
"	"	"	10	1.75 M	11 s	"	"
"	"	"	11.3	1.3 M	11 s	"	"
"	"	"	18	−0.35 M	11 s	"	"
IC 4593	16 09 23.3	+12 12 08	9.0	400 G	6 s	811008	739909
"	"	"	10	4.45 M	11 s	741009	"
"	"	"	10.5	1000 G	6 s	811008	"
"	"	"	10.5	1400 G	10 s	800409	"
"	"	"	10.5	4.3 J	22 s	720301	"
"	"	"	10.5	1.4 X	-	"	"
"	"	"	11	1.3 JU	11 s	"	"
"	"	"	11	3.6 MU	11 s	741009	"
"	"	"	11	1.0 JU	-	720301	"
"	"	"	12.8	100 GU	6 s	811008	"
"	"	"	18	0.5 M	11 s	741009	"
AFGL 1833S	16 09 28	+ 3 51 36	11.0	−1.1 M	10 M	770706	
AFGL 1834	16 09 29	+23 37 42	11.0	−0.3 M	10 M	760913	
FIRSSE 288	16 10 15	+66 29 24	20	36 J	10 M	830201	
"	"	"	93	26 J	10 M	"	
AFGL 1835	16 10 59	−11 45 18	11.0	−0.6 M	10 M	760913	
AFGL 1836S	16 11 31	−36 40 18	19.8	−3.8 M	10 M	770706	
DEL OPH	16 11 43.3	− 3 34 00	10	76.62 FV	V	660501	CSI 79
"	"	"	10	3.0 F	5 s	680703	"
"	"	"	10.2	−0.51 M	-	700302	"
"	"	"	20	−1.6 M	14 s	760901	"
"	"	"	22.0	−1.77 M	-	700302	"
AFGL 1837	16 11 46	− 3 33 30	11.0	−1.8 M	10 M	760913	
TON 256	16 12 08.7	+26 11 46	10	1.59 Q	V	790509	809908
"	"	"	1000	0.9 JU	55 s	821106	"
AFGL 5038S	16 12 54	+11 31 24	11.0	−1.4 M	10 M	770706	
UCL 28	16 12 55	−51 09 48	100	70000 W	-	751202	
MZ 3	16 13 23.3	−51 51 44	8	S	5.3 s	820715	769910
"	"	"	8.8	−0.02 M	15 s	780404	"
"	"	"	10	−0.27 M	15 s	"	"
"	"	"	10.8	−0.33 M	15 s	"	"
"	"	"	11.6	−0.65 M	15 s	"	"
"	"	"	12.3	−0.65 M	15 s	"	"
"	"	"	20	−2.07 M	15 s	"	"
OPH #1	16 14 12.9	−24 56 56	10	2.5 MV	2 M	780902	
"	"	"	10.0	2.2 M	2 M	"	
OPH #51	16 14 14.0	−25 54 55	10	4.1 M	2 M	"	
OPH #52	16 14 49.8	−23 16 38	10	3.7 M	2 M	"	
OPH #54	16 15 25.4	−25 57 05	10	3.7 M	2 M	"	
AFGL 5040S	16 15 55	+25 59 18	19.8	−3.4 M	10 M	770706	
G332.8-0.6	16 16	−50 49	1000	51 J	2 M	781010	ED
AFGL 1839S	16 16 04	− 1 37 36	11.0	−0.9 M	10 M	770706	
AFGL 1841	16 16 08	+59 52 36	11.0	−0.7 M	10 M	760913	
UCL 27	16 16 15	−50 54 06	100	90000 W	-	751202	
UCL 26	16 16 35	−50 45 48	100	1.5E5 W	-	"	
OPH #56	16 16 41.7	−23 15 22	10	3.3 M	2 M	780902	
UCL 25	16 16 59	−50 30 42	100	2.0E5 W	-	751202	
AFGL 1843	16 17 07	−14 31 12	19.8	−3.6 M	10 M	760913	
G333.1-0.4#1	16 17 12.8	−50 28 05	10	−24.7 L	22 s	770503	ED
"	"	"	10	39 J	23 s	"	"
"	"	"	20	−24.1 L	22 s	"	"
333.13-0.43#2	16 17 13.0	−50 28 03	8.3	S	7 s	811014	
G333.1-0.4	16 17 14.6	−50 28 50	8.8	−16.2 R	22 s	760910	
"	"	"	9.8	−16.5 R	22 s	"	
"	"	"	10	−16.2 R	22 s	"	
"	"	"	10.6	−16.4 R	22 s	"	
"	"	"	11.7	−16.3 R	22 s	"	
"	"	"	12.6	−16.1 R	22 s	"	
"	"	"	1000	62 J	2 M	781010	760910
333.13-0.43#3	16 17 15.3	−50 28 52	8.3	S	7 s	811014	
OPH #58	16 17 37.4	−24 03 02	10	1.5 M	2 M	780902	
UCL 24	16 17 38	−50 28 12	100	2.3E5 W	-	751202	
OPH #59	16 17 44.0	−23 43 37	8.5	2.3 M	2 M	780902	
"	"	"	9.3	2.5 M	2 M	"	
"	"	"	10	2.5 M	2 M	"	
"	"	"	10.9	2.3 M	2 M	"	
"	"	"	12.2	2.8 M	2 M	"	

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
G333.3–0.4	16 17 44.1	−50 18 02	8.8	−15.9 R	22 s	760910	
"	"	"	9.8	−16.4 R	22 s	"	
"	"	"	10	−23.9 L	V	740906	
"	"	"	10	−15.8 R	22 s	760910	
"	"	"	10.6	−16.0 R	22 s	"	
"	"	"	11.7	−15.8 R	22 s	"	
"	"	"	12.6	−15.5 R	22 s	"	
UCL 23	16 18 06	−50 15 06	100	1.9E5 W	–	751202	
SIG SCO	16 18 08.6	−25 28 27	8.4	1.82 M	–	710403	CSI 79
"	"	"	11	1.66 M	–	"	"
OPH #61	16 18 08.7	−25 28 28	10	2.51 M	2 M	780902	
AFGL 1845	16 18 09	−25 28 12	8.6	2.4 M	26 s	800213	AFGL
"	"	"	19.8	−3.8 M	10 M	760913	
OPH #3	16 18 10.7	−23 36 25	10.0	4.3 M	2 M	780902	
G333.6–0.2	16 18 20	−49 58 36	12.6	−14.4 R	–	770503	ED
"	"	"	18.1	−14.4 R	–	"	"
"	"	"	19.8	−14.5 R	–	"	"
"	"	"	22.9	−14.5 R	–	"	"
"	16 18 22.5	−49 59 00	8.8	−14.6 R	15 s	760910	
"	"	"	9.8	−14.6 R	15 s	"	
"	"	"	10	−14.5 R	15 s	"	
"	"	"	10.6	−14.5 R	15 s	"	
"	"	"	11.7	−14.5 R	15 s	"	
"	"	"	12.6	−14.4 R	15 s	"	
"	16 18 23.0	−49 58 54	1000	139 J	65 s	800807	
G333.6–0.2#1	16 18 23.1	−49 58 52	12.81	S	6 s	800612	
G333.6–0.2#2	16 18 23.1	−49 58 55	12.81	S	6 s	"	
G333.6–0.2#3	16 18 23.1	−49 58 58	12.81	S	6 s	"	
G333.6–0.2#4	16 18 23.1	−49 59 01	12.81	S	6 s	"	
G333.6–0.2	16 18 23.4	−49 58 59	10.2	90 J	1.1 s	801006	
"	16 18 23.5	−49 58 58	8	S	12 s	740407	770403
"	"	"	8.4	−2.33 M	–	760307	"
"	"	"	8.99	35 X	6 s	781008	
"	"	"	9.00	10 XU	12 s	740407	770403
"	"	"	9.7	−3.14 M	–	760307	"
"	"	"	10.5	3 XU	6 s	781008	
"	"	"	10.5	6 XU	12 s	740407	770403
"	"	"	10.5	−3.51 M	–	760307	"
"	"	"	11.2	−3.86 M	–	"	"
"	"	"	11.8	10 XU	12 s	740407	"
"	"	"	12.5	6.1 F	3.4 s	770403	
"	"	"	12.5	10 F	5.5 s	"	
"	"	"	12.5	−4.48 M	–	760307	770403
"	"	"	12.8	240 X	6 s	781008	
"	"	"	12.8	365 X	12 s	740407	770403
"	"	"	18.7	16 X	6 s	781008	
"	"	"	18.7	45 X	–	770403	
"	"	"	20	−6.95 M	–	760307	770403
G333.6–0.2#5	16 18 23.6	−49 58 52	12.81	S	6 s	800612	
G333.6–0.2#6	16 18 23.6	−49 58 55	12.81	S	6 s	"	
G333.6–0.2#7	16 18 23.6	−49 58 58	12.81	S	6 s	"	
G333.6–0.2#8	16 18 23.6	−49 59 01	12.81	S	6 s	"	
G333.6–0.2	16 18 23.6	−49 59 03	9.0	0.21 E	7 s	810704	
"	"	"	10.5	0.076 E	7 s	"	
"	"	"	12.8	2.1 E	3.6 s	"	
G333.6–0.2#9	16 18 24.1	−49 58 52	12.81	S	6 s	800612	
G333.6–0.2#10	16 18 24.1	−49 58 55	12.81	S	6 s	"	
G333.6–0.2#11	16 18 24.1	−49 58 58	12.81	S	6 s	"	
G333.6–0.2#12	16 18 24.1	−49 59 01	12.81	S	6 s	"	
G333.6–0.2	16 18 24.5	−49 59 11	30	3200 J	30 s	801006	
"	"	"	30	3500 J	61 s	"	
"	"	"	50	2900 J	30 s	"	
"	"	"	50	4500 J	61 s	"	
"	"	"	100	2700 J	30 s	"	
"	"	"	100	3900 J	61 s	"	
"	"	"	200	960 J	61 s	"	
"	16 18 26.1	−49 58 23	51.8	260 X	2.2 M	801012	
"	"	"	88.4	130 X	2.2 M	"	
"	16 18 27.1	−49 58 54	10	−22.8 L	V	740906	
SN 1	16 18 30.2	− 0 09 13	10	4.2 MU	11 s	741009	819914
HARO 1-1	16 18 31.1	−26 05 22	10	4.3 MU	11 s	741108	729902
UCL 22	16 18 39	−49 55 54	100	4.9E5 W	–	751202	
AFGL 5042S	16 18 48	+81 35 54	19.8	−3.1 M	10 M	770706	
OPH #62	16 19 23.2	−23 34 47	10	3.2 M	2 M	780902	
AFGL 5043S	16 19 31	+24 29 54	11.0	−2.5 M	10 M	770706	
AFGL 1849S	16 19 46	+64 11 42	19.8	−3.4 M	10 M	"	
AFGL 1850	16 19 53	−25 31 18	19.8	−2.9 M	10 M	760913	
RT NOR	16 20 02.9	−59 14 01	5	4.81 M	–	781001	CSI 79
OPH #64	16 20 12.4	−24 32 24	10	3.8 M	2 M	780902	
OPH #65	16 20 22.0	−23 21 06	8.7	1.7 M	2 M	"	
"	"	"	9.5	1.8 M	2 M	"	
"	"	"	10	1.8 M	2 M	"	
"	"	"	11.2	1.6 M	2 M	"	
"	"	"	12.5	1.6 M	2 M	"	
AFGL 5044S	16 21 01	+30 54 42	11.0	−1.0 M	10 M	770706	
1622-253	16 22	−25 18	1000	2.4 J	–	800818	ED
HARO 1-4	16 22 10.5	−23 12 24	10	4.5 M	11 s	741108	729902
S-3	16 22 18.8	−24 22 38	5	6.8 M	36 s	750401	730903
"	"	"	8.4	5.9 M	36 s	"	"
OPH #8	16 22 20.6	−24 23 25	10.0	5.7 MU	2 M	780902	
AFGL 1855	16 22 23	−24 17 54	11.0	−2.0 M	10 M	760913	
"	"	"	19.8	−3.7 M	10 M	"	
"	"	"	27.4	−6.5 M	10 M	"	
OPH FIR #6	16 22 26	−24 19	350	10000 JU	3.5 M	731202	
S-16	16 22 35.4	−24 27 14	5	4.8 M	36 s	750401	730903
"	"	"	8.4	5.5 M	36 s	"	"
RHO OPH #8	16 22 40.0	−24 19 30	80	62 J	40 s	790312	
RHO OPH #9	16 22 40.0	−24 20 10	80	73 J	40 s	"	
OPH FIR #5	16 22 48	−24 19	350	12000 JU	3.5 M	731202	
S-R 4	16 22 54.8	−24 14 01	10	3.75 M	11 s	741108	729902
OPH #13	"	"	10	4.1 M	2 M	780902	
S-R 4	"	"	10	4.4 MV	–	760306	729902
"	"	"	18	1.3 M	11 s	741108	"
SW 77	16 23	+26	1000	2.7 JU	55 s	821106	ED
OPH #15	16 23 04.0	−24 36 09	10	3.8 M	2 M	780902	
OPH FIR #2	16 23 05	−24 17	350	27000 J	3.5 M	731202	
OPH FIR #1	16 23 09	−24 19	350	39000 J	3.5 M	"	
OPH FIR #4	16 23 09	−24 22	350	14000 JU	3.5 M	"	
OPH #17	16 23 11.6	−23 11 54	10	5.5 M	2 M	780902	
AFGL 4222	16 23 14	−24 29 54	11.0	−2.8 M	10 M	760913	
"	"	"	19.8	−3.2 M	10 M	"	
DO-AR 24	16 23 15.8	−24 13 37	10	4.2 M	–	760306	780902
AFGL 1856	16 23 16	−33 42 54	11.0	−2.3 M	10 M	760913	
GS 30	16 23 19.7	−24 16 14	5	4.60 M	–	781213	730903
S-28	"	"	8.4	4.6 M	36 s	750401	"
GS 30	"	"	10.4	1.67 M	–	781213	"
"	"	"	10.6	1.63 M	–	"	"
S-28	"	"	11.1	4.4 M	36 s	750401	"

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
OPH #21	16 23 19.9	−24 16 18	8.7	2.2 M	2 M	780902	
"	"	"	9.5	2.0 M	2 M	"	
"	"	"	10	1.40 M	2 M	"	
"	"	"	20	−1.7 M	2 M	"	
S-29	16 23 21.4	−24 14 13	5	4.6 M	36 s	750401	730903
"	"	"	8.4	2.4 M	36 s	"	"
"	"	"	11.1	1.2 M	36 s	"	"
"	"	"	12.6	0.6 M	36 s	"	"
DO-AR 24E	16 23 22.0	−24 14 15	10	3.1 MV	–	760306	780902
S-2	16 23 22.5	−24 18 13	5	4.6 M	36 s	750401	730903
"	"	"	8.4	3.7 M	36 s	"	"
"	"	"	11.1	3.3 M	36 s	"	"
"	"	"	12.6	2.6 M	36 s	"	"
OPH #24	16 23 22.9	−24 09 29	10	3.00 M	2 M	780902	
"	"	"	20	1.2 M	2 M	"	
RHO OPH #7	16 23 24.1	−24 17 20	53	15 J	38 s	790312	
"	"	"	80	240 J	40 s	"	
"	"	"	100	310 J	40 s	"	
RHO OPH #6	16 23 26.1	−24 16 53	35	28 J	35 s	"	
"	"	"	53	115 J	38 s	"	
"	"	"	80	340 J	40 s	"	
"	"	"	100	385 J	40 s	"	
"	"	"	175	445 J	45 s	"	
RHO OPH #5	16 23 28.0	−24 16 26	53	170 J	38 s	"	
"	"	"	80	340 J	40 s	"	
"	"	"	100	395 J	40 s	"	
RHO OPH #4	16 23 28.0	−24 16 53	53	180 J	38 s	"	
"	"	"	80	350 J	40 s	"	
"	"	"	100	390 J	40 s	"	
OPH A	16 23 28.5	−24 18 55	1230	140 JU	–	760601	
RHO OPH #3	16 23 29.0	−24 16 40	35	120 J	35 s	790312	
"	"	"	53	235 J	38 s	"	
"	"	"	80	350 J	40 s	"	
"	"	"	100	340 J	40 s	"	
"	"	"	175	310 J	45 s	"	
RHO OPH #2	16 23 29.0	−24 17 20	35	36 J	35 s	"	
"	"	"	53	225 J	38 s	"	
"	"	"	80	355 J	40 s	"	
"	"	"	100	400 J	40 s	"	
"	"	"	175	500 J	45 s	"	
AFGL 1858	16 23 30	+19 00 00	11.0	−2.8 M	10 M	760913	
"	"	"	19.8	−3.4 M	10 M	"	
OPH #1	16 23 30	−24 17 20	78	1800 J	1 M	760607	
OPH FIR #3	16 23 31	−24 19	350	43000 J	3.5 M	731202	
RHO OPH #1	16 23 32.0	−24 16 53	53	185 J	38 s	790312	
"	"	"	80	230 J	40 s	"	
"	"	"	100	200 J	40 s	"	
S-1	16 23 32.7	−24 16 44	5	5.5 M	36 s	750401	730903
"	"	"	8.4	5.0 M	36 s	"	"
"	"	"	11.1	4.9 M	36 s	"	"
OPH #25	16 23 32.8	−24 16 44	10.0	5.3 MU	2 M	780902	
U HER	16 23 34.7	+19 00 16	8	S	V	721103	CSI 79
"	"	"	8.1	163 J	15 s	800510	"
"	"	"	8.4	−1.85 CV	–	750104	"
"	"	"	8.4	−1.67 C	–	710405	"
"	"	"	8.4	−1.67 M	–	710403	"
"	"	"	9.57	180 J	15 s	800510	"
"	"	"	10	274 J	15 s	"	"
"	"	"	10	−2.5 ME	–	740408	"
"	"	"	10.1	−2.5 C	–	721001	"
"	"	"	11	−2.70 CV	–	750104	"
"	"	"	11	−2.59 M	–	710403	"
"	"	"	11.0	−2.59 C	–	710405	"
"	"	"	12.2	185 J	15 s	800510	"
"	"	"	19.5	−3.0 C	–	721001	"
"	"	"	20	−3.00 M	9 s	731104	"
"	"	"	20	78 J	15 s	800510	"
"	"	"	30	80 JU	15 s	"	"
AFGL 4224	16 23 44	−24 17 48	11.0	−1.3 M	10 M	760913	
"	"	"	19.8	−3.4 M	10 M	"	
"	"	"	27.4	−7.0 M	10 M	"	
V OPH	16 23 56.5	−12 18 54	8.4	0.22 M	–	710403	CSI 79
"	"	"	8.4	2.00 F	–	761005	"
"	"	"	8.4	0.79 C	–	710203	"
"	"	"	11	0.06 M	–	710403	"
"	"	"	11.0	0.33 C	–	710203	"
"	"	"	11.0	0.814 F	–	761005	"
S-R 24	16 23 56.5	−24 38 53	10	3.55 M	11 s	741108	729902
OPH #28	"	"	10	3.02 M	2 M	780902	
S-R 24	"	"	18	0.5 MU	11 s	741108	729902
OPH #28	"	"	20	1.0 M	2 M	780902	
S-R 24 N	"	"	10	2.9 M	–	760306	729902
AFGL 1859	16 23 58	−12 18 24	8.4	0.8 M	11 s	800213	AFGL
"	"	"	11.2	0.3 M	11 s	"	"
CHI OPH	16 24 07.2	−18 20 38	5	10.2 J	–	701105	CSI 79
"	"	"	8.5	9.6 J	–	"	"
"	"	"	8.7	1.90 M	11 s	740807	"
"	"	"	10	1.73 M	11 s	"	"
"	"	"	10.2	1.6 M	12 s	820309	"
"	"	"	11	1.5 M	–	731106	"
"	"	"	11.4	1.58 M	11 s	740807	"
"	"	"	12.6	1.29 M	11 s	"	"
"	"	"	19.5	0.91 M	11 s	"	"
OPH #29	16 24 07.7	−24 30 40	7.8	0.6 MV	9 s	780902	
"	"	"	8.5	0.7 MV	9 s	"	
"	"	"	8.6	0.8 MV	9 s	"	
"	"	"	9.3	1.2 MV	9 s	"	
"	"	"	9.6	1.4 MV	9 s	"	
"	"	"	10	0.8 MV	9 s	"	
"	"	"	10	0.63 M	2 M	"	
"	"	"	10.3	0.9 MV	9 s	"	
"	"	"	10.9	0.7 MV	9 s	"	
"	"	"	11.4	0.4 MV	9 s	"	
"	"	"	12.2	0.1 MV	9 s	"	
"	"	"	12.3	−0.1 MV	9 s	"	
"	"	"	20	−1.6 MV	9 s	"	
"	"	"	20	−1.3 M	2 M	"	
OPH #30	16 24 08.9	−24 12 31	10	3.4 M	2 M	"	
"	"	"	20	−0.0 M	2 M	"	
VS 17	16 24 28.8	−24 20 54	5	4.67 M	–	781213	750401
"	"	"	10.4	3.69 M	–	"	"
"	"	"	10.6	3.51 M	–	"	"
AFGL 5048S	16 24 37	−35 01 18	11.0	−1.4 M	10 M	770706	
S-R 9	16 24 38.8	−24 15 24	10	3.7 M	11 s	741108	729902
"	"	"	10	4.0 MV	–	760306	"
OPH #36	16 24 48.3	−24 19 02	10	5.4 MU	2 M	780902	
AFGL 1861	16 24 59	− 7 30 42	11.0	−2.6 M	10 M	760913	
"	"	"	19.8	−3.5 M	10 M	"	

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
OPH #72	16 25 32.0	−25 05 19	10	2.9 M	2 M	780902	
"	"	"	10	3.0 M	2 M	"	
S-R 13	16 25 43.6	−24 21 43	10	4.25 M	11 S	741108	
"	"	"	10	5.0 M	-	760306	729902
OPH #73	16 25 47.4	−23 30 25	10	4.7 MU	2 M	780902	
IRC+30292	16 25 59	+34 54 36	5.0	−15.1 RV	-	740401	IRC
"	"	"	8.4	0.0 CV	-	760610	"
"	"	"	8.6	−0.9 M	-	740705	"
"	"	"	10	−1.2 M	-	"	"
"	"	"	10.1	−0.85 C	-	720001	"
"	"	"	10.2	−15.5 RV	-	740401	"
"	"	"	10.7	−1.6 M	-	740705	"
"	"	"	11.2	−1.1 CV	-	760610	"
"	"	"	12.5	−0.9 CV	-	"	"
AFGL 1862	16 26 02	+34 54 12	8.4	0.2 MV	17 S	800213	AFGL
"	"	"	8.6	−0.3 MV	26 S	"	"
"	"	"	10.6	−0.5 M	8.5 S	"	"
"	"	"	10.6	−1.2 M	26 S	"	"
"	"	"	10.7	−1.2 MV	26 S	"	"
"	"	"	11.0	−1.4 M	10 M	760913	
"	"	"	11.2	−1.0 MV	17 S	800213	AFGL
"	"	"	11.3	−0.7 MV	8.5 S	"	"
"	"	"	12.2	−1.1 MV	26 S	"	"
"	"	"	12.5	−0.8 MV	17 S	"	"
"	"	"	12.8	−0.7 M	8.5 S	"	"
"	"	"	18	−1.9 M	8.5 S	"	"
"	"	"	18	−1.7 MU	26 S	"	"
"	"	"	19.8	−2.9 M	10 M	760913	
AFGL 4225	16 26 08	−82 09 30	19.8	−3.1 M	10 M	"	
AFGL 1863	16 26 20	−26 19 24	11.0	−4.8 M	10 M	"	
"	"	"	19.8	−4.9 M	10 M	"	
ALF SCO	16 26 20.1	−26 19 21	5	D	-	751103	CSI 79
"	"	"	5.0	−4.26 M	-	700302	"
"	"	"	8	S	-	760609	"
"	"	"	8	S	V	721103	"
"	"	"	8.0	170 F	12 S	740407	"
"	"	"	8.19	−4.31 M	15 S	800510	"
"	"	"	8.4	−4.40 M	-	730002	"
"	"	"	8.4	−4.36 M	-	710403	"
"	"	"	8.6	−4.33 M	-	720202	"
"	"	"	9.57	−4.51 M	15 S	800510	"
"	"	"	10	52.66 FV	V	660501	"
"	"	"	10	−4.58 C	V	731212	"
"	"	"	10	62 F	5 S	680703	"
"	"	"	10	−3.15 M	-	790605	"
"	"	"	10	−4.20 C	-	670801	"
"	"	"	10.1	−4.35 M	-	690704	"
"	"	"	10.2	−4.91 M	-	700302	"
"	"	"	10.2	−4.58 M	-	730002	"
"	"	"	10.20	−4.45 M	15 S	800510	"
"	"	"	10.4	−4.00 C	-	640501	"
"	"	"	10.4	−4.06 C	-	650002	"
"	"	"	10.6	−4.57 M	-	740603	"
"	"	"	10.7	−4.73 M	-	720202	"
"	"	"	11	D	-	771008	"
"	"	"	11	−4.82 M	-	710403	"
"	"	"	11.2	−4.66 M	-	730002	"
"	"	"	12	34 F	3.4 S	770403	"
"	"	"	12.19	−4.64 M	15 S	800510	"
"	"	"	12.2	−4.70 M	-	720202	"
"	"	"	18	−4.9 M	-	"	"
"	"	"	19.5	−6.00 M	-	690704	"
"	"	"	19.6	−4.84 M	15 S	800510	"
"	"	"	20	−4.78 C	V	731212	"
"	"	"	20	−4.87 M	9 S	731104	"
"	"	"	20	−4.85 MV	10 S	721002	"
"	"	"	20	−4.94 M	-	821005	"
"	"	"	21	−5.43 M	1 M	721005	"
"	"	"	22.0	−5.43 M	-	700302	"
"	"	"	25	−5.12 M	-	821005	"
"	"	"	30.5	−4.98 M	15 S	800510	"
OPH #74	16 26 20.2	−26 19 22	10	−4.54 M	2 M	780902	
OPH #40	16 26 21.8	−25 46 13	10	3.5 M	2 M	"	
OPH #75	16 26 36.7	−23 43 37	10	4.1 M	2 M	"	
AFGL 1864	16 26 59	+41 59 12	8.4	−2.6 M	11 S	800213	AFGL
"	"	"	8.4	−2.2 MV	17 S	"	"
"	"	"	11.0	−2.8 M	10 M	760913	
"	"	"	11.2	−2.8 M	11 S	800213	AFGL
"	"	"	11.2	−2.5 MV	17 S	"	"
"	"	"	12.5	−2.6 MV	17 S	"	"
G HER	16 26 59.9	+41 59 26	5.0	−2.14 M	-	700302	779907
"	"	"	8	S	-	760609	"
"	"	"	8.4	−2.58 C	-	710203	"
"	"	"	8.4	−2.33 M	-	710403	"
"	"	"	8.4	−2.58 C	-	710405	"
"	"	"	10.2	−2.55 M	-	700302	"
"	"	"	11	−2.66 M	-	710403	"
"	"	"	11.0	−2.79 C	-	710203	"
"	"	"	11.0	−2.79 C	-	710405	"
"	"	"	20	−3.00 M	9 S	731104	"
"	"	"	22.0	−2.80 M	-	700302	"
IRC+10306	16 27 00	+10 37 42	10.7	0.4 MU	-	740705	IRC
HARO 1-14	16 28 03.1	−23 58 07	10	4.4 MU	11 S	741108	729902
BET HER	16 28 04.0	+21 35 49	5.0	0.70 M	-	700302	CSI 79
"	"	"	10	0.439 F	V	660501	"
NGC 6153	16 28 05.0	−40 08 58	8.8	1.61 J	18 S	800610	739909
"	"	"	9.8	1.22 JU	18 S	"	"
"	"	"	10	2.76 J	18 S	"	"
"	"	"	10.6	6.00 J	18 S	"	"
"	"	"	11.7	4.92 J	18 S	"	"
"	"	"	12.7	1.44 JU	18 S	"	"
"	"	"	20	13.3 J	18 S	"	"
OPH #77	16 28 09.3	−24 33 13	8.7	2.3 M	2 M	780902	
"	"	"	9.5	2.3 M	2 M	"	
"	"	"	10	2.17 M	2 M	"	
"	"	"	11.2	1.7 M	2 M	"	
"	"	"	12.5	1.4 M	2 M	"	
OPH #78	16 28 18.4	−26 25 50	10	3.5 M	2 M	"	
HARO 1-16	16 28 31.7	−24 21 13	10	3.6 M	11 S	741108	729902
"	"	"	10	4.7 M	-	760306	"
"	"	"	18	0.2 MU	11 S	741108	"
RZ NOR	16 28 40	−53 09 37	5	4.43 MV	-	781001	GCVS
HFE 20	16 28 42	−19 00	100	22000 J	12 M	711201	
OPH #79	16 28 43.8	−23 37 32	10	2.9 M	2 M	780902	
OPH #43	16 29 44.1	−26 16 48	8.7	1.9 M	2 M	"	
"	"	"	9.5	1.8 M	2 M	"	
"	"	"	10	1.74 M	2 M	"	
"	"	"	11.2	1.2 M	2 M	"	
"	"	"	12.5	1.2 M	2 M	"	
"	"	"	20	0.7 M	2 M	"	
AFGL 1865S	16 29 54	+56 39 36	19.8	−3.1 M	10 M	770706	
AFGL 1867S	16 30 02	+50 59 00	19.8	−3.2 M	10 M	"	
AFGL 4226	16 30 11	− 2 20 12	19.8	−3.1 M	10 M	760913	
"	"	"	27.4	−6.2 M	10 M	"	
AFGL 1868	16 30 15	+72 23 00	11.0	−1.4 M	10 M	"	
OPH #80	16 30 16.7	−23 17 34	10	3.0 M	2 M	780902	
SS HER	16 30 29.3	+ 6 57 41	8.7	3.54 MV	-	810406	CSI 79
"	"	"	10	3.49 M	-	"	"
"	"	"	11.4	3.15 MV	-	"	"
AFGL 5055S	16 30 30	+11 32 36	11.0	−0.9 M	10 M	770706	
AFGL 1869	16 30 48	−16 02 48	11.0	−1.1 M	10 M	760913	
"	"	"	19.8	−3.0 M	10 M	"	
OPH #82	16 32 07.5	−26 22 49	10	3.3 M	2 M	780902	
OPH #83	16 32 26.1	−24 50 40	8.7	0.9 M	2 M	"	
"	"	"	9.5	0.8 M	2 M	"	
"	"	"	10	0.66 M	2 M	"	
"	"	"	11.2	0.4 M	2 M	"	
"	"	"	12.5	0.5 M	2 M	"	
R DRA	16 32 31.3	+66 51 31	8.4	0.90 M	-	710403	779907
"	"	"	8.7	0.66 M	-	810406	"
"	"	"	10	0.49 M	-	"	"
"	"	"	11	0.44 M	-	710403	"
"	"	"	11.4	0.34 M	-	810406	"
"	"	"	12.6	0.26 M	-	"	"
"	"	"	19.5	0.12 M	-	"	"
G337.1-0.2	16 33	−47 27	1000	20 J	2 M	781010	ED
UCL 21	16 33 00	−47 22 42	100	74000 W	-	751202	
CM DRA	16 33 24	+57 14 48	5.0	8.8 M	-	771202	GCVS
UU HER	16 34 12.2	+38 04 05	11.0	3.9 MU	11 S	700906	779907
"	"	"	11.3	4.9 M	-	721203	"
AFGL 1872	16 34 22	+60 33 48	11.0	−0.7 M	10 M	760913	
ZET OPH	16 34 24.1	−10 28 02	8.7	2.62 M	11 S	740807	CSI 79
"	"	"	10	2.65 M	11 S	"	"
"	"	"	10.7	2.0 MU	-	730303	"
"	"	"	11.4	2.52 M	11 S	740807	"
AFGL 5060S	16 34 27	−10 26 18	11.0	−2.1 M	10 M	770706	
"	"	"	19.8	−3.2 M	10 M	"	
HFE 21	16 35 33	−22 13	100	30000 J	12 M	711201	
OPH #47	16 35 53.0	−24 05 26	10	3.6 M	2 M	780902	
G336.5-1.5	16 36	−48 40	1000	21 J	2 M	781010	ED
AFGL 1874	16 36 02	− 8 31 18	11.0	−0.7 M	10 M	760913	
RCW 108	16 36 14.6	−48 45 53	8.8	−15.6 R	29 S	760910	
"	"	"	9.8	−15.8 R	29 S	"	
"	"	"	10	−15.5 R	29 S	"	
NGC 6193	"	"	10	−23.8 L	V	740906	
RCW 108	"	"	10.6	−15.6 R	29 S	760910	
"	"	"	11.7	−15.6 R	29 S	"	
"	"	"	12.6	−15.5 R	29 S	"	
OPH #85	16 36 25.3	−24 49 27	10	3.8 M	2 M	780902	
AFGL 1876	16 36 47	−20 47 30	11.0	−0.8 M	10 M	760913	
OPH #48	16 36 48.9	−24 00 19	10	2.0 M	2 M	780902	
G337.9-0.5	16 37	−47 04	1000	36 J	2 M	781010	ED
OPH #49	16 37 16.4	−23 47 56	7.8	2.3 M	2 M	780902	
"	"	"	8.6	1.6 M	2 M	"	
"	"	"	9.6	1.0 M	2 M	"	
"	"	"	10	0.98 M	2 M	"	
"	"	"	10.3	0.8 M	2 M	"	
"	"	"	11.4	0.8 M	2 M	"	
"	"	"	12.3	1.0 M	2 M	"	
"	"	"	20	−0.4 M	2 M	"	
G337.9-0.5#1	16 37 27.1	−47 01 00	10	−24.4 L	22 S	770503	
"	"	"	20	−23.6 L	22 S	"	
G337.9-0.5#2	"	"	10	−24.7 L	22 S	"	
"	"	"	20	−24.1 L	22 S	"	
G337.9-0.5N	"	"	8.8	−16.1 R	22 S	760910	
"	"	"	9.8	−16.3 R	22 S	"	
"	"	"	10	−16.0 R	22 S	"	
"	"	"	10.6	−16.1 R	22 S	"	
"	"	"	11.7	−16.0 R	22 S	"	
"	"	"	12.6	−15.9 R	22 S	"	
G337.9-0.5S	16 37 27.1	−47 01 58	8.8	−16.3 R	22 S	"	
"	"	"	9.8	−16.5 R	22 S	"	
"	"	"	10	−16.2 R	22 S	"	
"	"	"	10.6	−16.3 R	22 S	"	
"	"	"	11.7	−16.2 R	22 S	"	
"	"	"	12.6	−16.0 R	22 S	"	
UCL 19	16 37 29	−46 26 54	100	85000 W	-	751202	
UCL 20	16 37 31	−47 03 48	100	1.7E5 W	-	"	
G337.9-0.5	16 37 33	−47 03 56	12.6	−15.9 R	-	770503	ED
"	"	"	18.1	−15.6 R	-	"	"
"	"	"	19.8	−15.5 R	-	"	"
"	"	"	22.9	−15.2 R	-	"	"
OPH #87	16 38 27.0	−23 34 49	10	3.7 M	2 M	780902	
AFGL 5063S	16 39 48	+16 49 00	11.0	−0.6 M	10 M	770706	
NGC 6205	16 39 54	+36 33	10	5.0 MU	11 S	741110	RNGC
NGC 6205 SW	-	-	10	4.8 M	11 S	"	"
IRC+30295	16 40 04	+33 01 06	10.7	0.0 MU	-	740705	IRC
IRC 00290	16 40 18	− 3 33 30	10.7	0.3 MU	-	"	IRC
3C 345	16 41 17.6	+39 54 11	10	1.67 Q	V	790509	809908
"	"	"	50	0.5 J	45 S	820305	"
"	"	"	100	2.2 J	45 S	"	"
"	"	"	1000	7.2 J	55 S	810103	"
"	"	"	1000	7.7 J	55 S	821106	"
"	"	"	1000	8 JV	55 S	821105	"
"	"	"	1670	7.7 JU	1 M	761201	"
AFGL 1886	16 42 06	+54 59 18	11.0	−1.7 M	10 M	760913	
NGC 6210	16 42 23.5	+23 53 17	8.9	6 XU	6 S	710207	739909
"	"	"	9	S	6 S	700903	"
"	"	"	9.0	800 G	6 S	811008	"
"	"	"	9.0	3 XU	6 S	700903	"
"	"	"	9.0	1.5 J	11 S	790409	"
"	"	"	10	3.4 M	11 S	741009	"
"	"	"	10.5	4 XU	6 S	710207	"
"	"	"	10.5	2.0 XU	6 S	700903	"
"	"	"	10.5	16300 G	6 S	811008	"
"	"	"	10.5	8400 G	10 S	800409	"
"	"	"	10.5	20.6 J	11 S	790409	"
"	"	"	10.5	28 J	22 S	720301	"
"	"	"	10.5	8 X	-	"	"
"	"	"	11	3.3 M	11 S	741009	"
"	"	"	11	1.7 J	11 S	720301	"
"	"	"	11	1.9 M	22 S	741009	"
"	"	"	11	5.8 J	22 S	720301	"
"	"	"	11	4.0 J	-	"	"
"	"	"	12.8	100 GU	6 S	811008	"
"	"	"	18	0.0 M	11 S	741009	"

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
"	h m s	° ′ ″					
"	"	"	37	20 J	27 s	800604	"
"	"	"	70	15 J	27 s	"	"
339.62–0.12	16 42 27.3	−45 31 20	8.3	S	7 s	811014	
AFGL 1887	16 42 30	− 3 00 54	11.0	−0.7 M	10 M	760913	
AFGL 1888	16 43 00	+15 50 36	27.4	−5.5 M	10 M	"	
AFGL 5065S	16 43 24	−16 50 54	27.4	−6.6 M	10 M	770706	
ARA #B	16 43 24.3	−45 47 00	8.1	0.58 M	7.2 s	770302	
"	"	"	9.6	−0.70 M	7.2 s	"	
"	"	"	12.2	−1.23 M	7.2 s	"	
ARA #C	16 43 25.4	−45 45 11	8.1	−0.40 M	7.2 s	"	
"	"	"	9.6	−0.32 M	7.2 s	"	
"	"	"	12.2	−1.20 M	7.2 s	"	
ARA #A	16 43 25.7	−45 45 17	8.1	−0.02 M	7.2 s	"	
"	"	"	9.6	−1.34 M	7.2 s	"	
"	"	"	12.2	−2.20 M	7.2 s	"	
"	"	"	20.0	−3.35 M	7.2 s	"	
ARA #D	16 43 26.0	−45 46 04	8.1	1.03 M	7.2 s	"	
"	"	"	9.6	0.37 M	7.2 s	"	
"	"	"	12.2	−0.12 M	7.2 s	"	
ARA #E	16 43 30.2	−45 44 39	8.1	1.74 M	7.2 s	"	
"	"	"	9.6	2.01 M	7.2 s	"	
"	"	"	12.2	2.00 M	7.2 s	"	
V446 OPH	16 43 53	−11 33 33	20	−1.9 M	14 s	760901	GCVS
AFGL 1890	16 43 53	−11 34 54	11.0	−1.0 M	10 M	760913	
AS 209	16 46 26	−14 18 22	8.6	2.9 M	11 s	741108	GCVS
"	"	"	10	2.5 M	11 s	"	"
"	"	"	11.3	2.3 M	11 s	"	"
"	"	"	18	0.8 M	11 s	"	"
TT OPH	16 47 06.1	+ 3 43 03	11.3	4.5 M	–	721203	CSI 79
AFGL 1897S	16 47 18	−13 36 30	11.0	−2.3 M	10 M	770706	
341.12–0.00	16 47 26.5	−44 18 31	8.2	1.23 K	12 s	820308	
"	"	"	9.6	1.01 K	12 s	"	
"	"	"	10	1.14 K	12 s	"	
"	"	"	12.2	0.94 K	12 s	"	
AFGL 1899	16 47 30	+63 02 06	11.0	−1.9 M	10 M	760913	
"	"	"	19.8	−3.5 M	10 M	"	
AFGL 1900	16 47 49	+11 04 42	11.0	−2.6 M	10 M	"	
NGC 6221	16 48 26	−59 09 00	8.3	5.25 M	3.5 s	820311	759905
"	"	"	9.4	5.30 M	3.5 s	"	"
"	"	"	10.3	5.18 M	3.5 s	"	"
"	"	"	12.0	4.63 M	3.5 s	"	"
AFGL 1901S	16 48 33	−23 30 36	19.8	−2.7 M	10 M	770706	
3C 348	16 48 40.0	+ 5 04 35	1570	28 JU	1 M	761201	769906
IRC+10313	16 48 44	+10 25 54	10.7	0.1 MU	–	740705	IRC
AFGL 5066S	16 48 58	− 7 03 06	11.0	−0.2 M	10 M	770706	
AFGL 1905	16 49 24	+15 02 18	11.0	−1.4 M	10 M	760913	
AFGL 1904	16 49 26	−12 49 18	11.0	−1.0 M	10 M	"	
AFGL 5067S	16 50 14	−21 36 30	11.0	−1.1 M	10 M	770706	
NGC 6240	16 50 27.8	+ 2 29 03	8.4	4.9 MU	13 s	760706	719904
RCW 110B	16 50 40.3	−45 12 32	8.8	−16.1 R	29 s	760910	
"	"	"	9.8	−16.6 R	29 s	"	
"	"	"	10	−24.7 L	29 s	770503	
"	"	"	10	−16.2 R	29 s	760910	
"	"	"	20	−24.0 L	29 s	770503	
NGC 6231 92	16 50 55	−41 51 17	10.2	2.5 MU	–	730809	ED
"	"	"	10.6	3.3 M	–	730107	"
AFGL 1906	16 51 29	+ 6 36 24	19.8	−3.2 M	10 M	760913	
AFGL 1907S	16 51 31	− 6 38 54	11.0	−0.8 M	10 M	770706	
RS SCO	16 51 59.7	−45 01 22	20	−2.31 M	–	821005	CSI 79
AFGL 1908	16 52 08	−21 52 30	11.0	−1.3 M	10 M	760913	
MARK 501	16 52 12.3	+39 50 22	8.4	4.7 MU	13 s	760706	769909
"	"	"	10.6	0.104 J	5.8 s	810703	"
"	"	"	10.6	0.044 J	6 s	750606	"
"	"	"	1000	0.8 J	55 s	821106	"
AFGL 5071S	16 52 41	+49 00 48	11.0	−1.1 M	10 M	770706	
HD 152667	16 53 06.7	−40 44 43	10	4.72 M	–	790605	CSI 79
AFGL 1909	16 53 12	−32 45 36	11.0	−1.4 M	10 M	760913	
"	"	"	19.8	−3.5 M	10 M	"	
RR SCO	16 53 26.3	−30 30 06	20	−2.58 M	–	821005	CSI 79
"	"	"	20	−2.51 M	–	741002	"
AFGL 1910	16 53 30	−30 30 42	11.0	−1.4 M	10 M	760913	
AFGL 1912S	16 55 01	+ 9 19 12	11.0	−1.2 M	10 M	770706	
"	"	"	19.8	−3.3 M	10 M	"	
AFGL 1913S	16 55 10	− 1 15 36	11.0	−0.6 M	10 M	"	
"	"	"	19.8	−3.4 M	10 M	"	
AFGL 1914	16 55 25	+ 9 27 00	11.0	−1.1 M	10 M	760913	
UCL 18	16 56 02	−40 07 36	100	2.1E5 W	–	730901	
FIRSSE 289	16 56 38	+65 11 30	93	429 J	10 M	830201	
UCL 18A	16 57 02	−40 32 06	100	1.8E5 W	–	751202	
IRC–10355	16 57 29	−10 32 42	8.4	0.6 CV	–	760610	IRC
"	"	"	11.2	−0.4 CV	–	"	"
"	"	"	12.5	−0.3 CV	–	"	"
AFGL 5080S	16 57 30	−10 32 30	8.4	0.5 MV	17 s	800213	770706
"	"	"	8.6	0.7 MV	–	"	"
"	"	"	10.7	−1.0 MV	–	"	"
"	"	"	11.2	−0.5 MV	17 s	"	"
"	"	"	12.2	−0.9 MV	–	"	"
"	"	"	12.5	−0.4 MV	17 s	"	"
IC 4634	16 58 34.6	−21 45 28	10	4.5 M	11 s	741009	739909
"	"	"	12.8	200 G	7 s	811008	"
"	"	"	18	0.55 M	11 s	741009	"
IRC+50261	16 58 36	+52 23 30	10	−0.4 MU	–	740705	IRC
SY HER	16 59 22.1	+22 32 57	8.7	3.02 M	–	810406	CSI 79
"	"	"	11.4	2.93 M	–	"	"
"	"	"	12.6	2.77 M	–	"	"
AFGL 4229	16 59 37	+ 2 44 42	11.0	−1.2 M	10 M	760913	
"	"	"	19.8	−3.2 M	10 M	"	
AFGL 5083S	16 59 38	+20 32 24	19.8	−4.0 M	10 M	770706	
AFGL 1920	17 00 08	−20 27 54	8.6	0.8 M	26 s	800213	AFGL
"	"	"	8.6	0.6 M	–	"	"
"	"	"	10.7	−0.3 M	26 s	"	"
"	"	"	10.7	−0.6 M	–	"	"
"	"	"	11.0	−1.4 M	10 M	760913	
"	"	"	12.2	−0.4 M	26 s	800213	AFGL
"	"	"	12.2	−0.1 M	–	"	"
"	"	"	18	−0.3 MU	–	"	"
UCL 45	17 01 00	−40 43 06	100	1.9E5 W	–	751202	
H2–1	17 01 19.4	−33 55 05	10	2.04 J	9 s	800610	739909
"	"	"	20	8.18 J	9 s	"	"
AFGL 5084S	17 01 30	+42 41 18	19.8	−3.9 M	10 M	770706	
TX OPH	17 01 31.9	+ 5 03 08	11.3	4.2 MU	–	721203	CSI 79
IC 4637	17 01 39.2	−40 48 52	10	0.48 J	18 s	800610	739909
K2–8	17 02 45.3	−10 01 40	10	4.4 MU	11 s	741009	819914
M2–9	17 02 52.5	−10 04 31	8	S	8.0 s	820715	739909
"	"	"	8.6	0.4 M	–	741009	"
"	"	"	10	−0.1 M	–	"	"
"	"	"	10	−0.04 M	–	730013	"
"	"	"	10.8	−0.15 M	–	741009	"

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
"	h m s	° ′ ″					
"	"	"	11.3	−0.2 M	–	"	"
"	"	"	18	−1.7 M	–	"	"
"	"	"	20	−2.0 M	14 s	760901	"
"	"	"	20	−1.75 M	–	730013	"
UCL 44	17 02 54	−40 49 06	100	82000 W	–	751202	
AFGL 5085S	17 03 41	+72 18 48	19.8	−3.7 M	10 M	770706	
3C 351	17 04 03.5	+60 48 31	10	0.05 JU	6 s	720901	809908
"	"	"	10	1.67 Q	V	790509	"
"	"	"	1000	1.0 JU	55 s	821106	"
"	"	"	1670	18.6 JU	1 M	761201	"
AFGL 5087S	17 04 24	−31 48 36	11.0	−0.6 M	10 M	770706	
AFGL 1921S	17 04 47	− 9 18 06	19.8	−2.8 M	10 M	"	
CP–56 8032	17 04 48	−56 51	8	S	3.6 s	800911	740209
"	"	"	8.0	194 J	9 s	800610	"
"	"	"	8.8	156 J	9 s	"	"
"	"	"	9.8	112 J	9 s	"	"
"	"	"	10	139 J	9 s	"	"
"	"	"	10.6	124 J	9 s	"	"
"	"	"	11.7	135 J	9 s	"	"
"	"	"	12.7	167 J	9 s	"	"
"	"	"	12.81	2.1 X	–	800911	"
"	"	"	20	209 J	9 s	800610	"
CRL 1922	17 04 53	−24 39 00	8	S	18 s	761210	AFGL
AFGL 1922	"	"	8.4	−1.9 MV	17 s	800213	"
CRL 1922	"	"	8.4	−1.9 C	18 s	761210	"
AFGL 1922	"	"	8.6	−2.7 M	26 s	800213	"
"	"	"	10.7	−3.2 M	26 s	"	"
"	"	"	11.0	−3.5 M	10 M	760913	
"	"	"	11.2	−2.6 MV	17 s	800213	AFGL
CRL 1922	"	"	11.2	−2.7 C	18 s	761210	"
AFGL 1922	"	"	12.2	−3.4 M	26 s	800213	"
"	"	"	12.5	−2.8 MV	17 s	"	"
CRL 1922	"	"	12.5	−2.8 C	18 s	761210	"
AFGL 1922	"	"	18	−3.4 M	26 s	800213	"
"	"	"	19.8	−4.4 M	10 M	760913	
AFGL 1923	17 04 54	−16 01 12	8.6	−1.0 M	26 s	800213	AFGL
"	"	"	10.7	−1.3 M	26 s	"	"
"	"	"	11.0	−1.1 M	10 M	760913	
CRL 1922	17 04 54.8	−24 40 36	5.0	240 J	–	760604	
"	"	"	8.8	790 J	–	"	
"	"	"	10.6	700 J	–	"	
"	"	"	10.6	570 J	–	"	
"	"	"	10.8	250 J	–	"	
"	"	"	11.6	310 J	–	"	
"	"	"	12.6	200 J	–	"	
RCW 117	17 05 36	−41 32 24	100	2.1E5 W	4 M	730207	
CD–41 11303	17 05 42	−41 07 46	8.6	1.5 M	–	741203	CD
"	"	"	10.7	0.8 M	–	"	"
AFGL 5088S	17 05 44	+76 21 30	11.0	−0.5 M	10 M	770706	
UCL 17	17 05 48	−41 31 36	100	2.1E5 W	–	730901	
G345.4–0.9	17 06	−41 30	1000	55 J	2 M	781010	ED
RCW 117	17 06 01.5	−41 32 20	8.8	−15.5 R	29 s	760910	
"	"	"	9.8	−15.6 R	29 s	"	
H2–3	"	"	10	−23.3 L	V	740906	
"	"	"	10	10 JU	10 s	740204	
RCW 117	"	"	10	−15.5 R	29 s	760910	
"	"	"	10.6	−15.5 R	29 s	"	
"	"	"	11.7	−15.5 R	29 s	"	
"	"	"	12.6	−15.4 R	29 s	"	
"	"	"	1000	31 J	65 s	800807	
AFGL 5090S	17 06 35	−31 17 42	11.0	−0.8 M	10 M	770706	
346.86–0.81	17 07 24.9	−39 55 03	8.2	1.56 K	12 s	820308	
"	"	"	9.6	1.64 K	12 s	"	
"	"	"	10	1.74 K	12 s	"	
"	"	"	12.2	1.25 K	12 s	"	
"	"	"	19.9	1.60 K	12 s	"	
UCL 43A	17 07 54	−39 05 42	100	65000 W	–	751202	
AFGL 1927	17 07 57	−32 13 24	11.0	−3.3 M	10 M	760913	
"	"	"	19.8	−3.9 M	10 M	"	
AH SCO	17 08 01.9	−32 15 51	6.3	200 J	–	790402	CSI 79
"	"	"	8.6	−2.0 M	–	741203	"
"	"	"	10.7	−3.4 M	–	"	"
"	"	"	12.2	−3.4 M	–	"	"
"	"	"	18	−4.0 M	–	"	"
"	"	"	20	−4.19 M	–	821005	"
"	"	"	20	−4.30 M	–	741002	"
"	"	"	25	−4.72 M	–	821005	"
UCL 43	17 08 18	−39 06 24	100	83000 W	–	751202	
AFGL 1930	17 08 28	+64 24 24	11.0	−0.9 M	10 M	760913	
UCL 42	17 08 45	−38 31 30	100	65000 W	–	751202	
AFGL 1931S	17 09 59	+29 46 00	19.8	−3.1 M	10 M	770706	
AFGL 1932	17 10 05	+10 39 42	19.8	−2.4 M	10 M	760913	
AFGL 1933	17 10 10	−14 47 42	10.7	1.9 M	26 s	800213	AFGL
"	"	"	11.0	−1.0 M	10 M	760913	
AFGL 5092S	17 10 11	+ 4 17 30	11.0	−1.7 M	10 M	770706	
AFGL 1934	17 10 13	−10 29 00	8.6	−0.4 M	26 s	800213	AFGL
"	"	"	10.7	−1.8 M	26 s	"	"
"	"	"	11.0	−1.5 M	10 M	760913	
"	"	"	12.2	−1.2 M	26 s	800213	AFGL
NA 1	17 10 13.8	− 3 12 27	10	4.5 MU	11 s	741009	769910
NGC 6302	17 10 21.1	−37 02 38	8	S	11 s	790409	739909
"	"	"	9.0	8.8 J	11 s	"	"
"	"	"	10	20 J	59 s	730807	"
"	"	"	10.5	16.8 J	11 s	790409	"
"	"	"	12.8	13.7 J	11 s	"	"
"	"	"	20	200 J	59 s	730807	"
AFGL 4230	17 10 49	−75 32 06	19.8	−2.9 M	10 M	760913	
BS 6392	17 10 59.4	−39 42 34	8.6	0.49 M	V	710701	CSI 79
"	"	"	8.6	0.2 M	–	740809	"
"	"	"	10.7	−0.8 M	–	"	"
"	"	"	10.8	−0.84 M	V	710701	"
"	"	"	12.2	−0.75 M	V	"	"
"	"	"	12.2	−0.7 M	–	740809	"
"	"	"	17.5	−1.30 MU	V	710701	"
NGC 6309	17 11 14.9	−12 51 11	10.5	8.9 J	22 s	720301	739909
"	"	"	10.5	3 X	–	"	"
"	"	"	11	1.5 JU	11 s	"	"
"	"	"	11	0.9 JU	–	"	"
AFGL 1936S	17 11 22	+ 4 56 48	19.8	−3.3 M	10 M	770706	
AFGL 1937	17 11 38	−33 21 24	11.0	−1.7 M	10 M	760913	
"	"	"	19.8	−3.4 M	10 M	"	
HD 155737	17 11 45.3	−39 35 42	8.6	0.9 M	–	741203	CSI 79
"	"	"	10.7	−0.4 M	–	"	"
"	"	"	12.2	−0.4 M	–	"	"
AFGL 1940	17 11 54	+ 8 58 06	8.4	−1.8 MV	17 s	800213	AFGL
"	"	"	8.6	−2.0 MV	26 s	"	"
"	"	"	10.6	−3.1 M	8.5 s	"	"
"	"	"	10.6	−2.3 M	26 s	"	"

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
"	h m s	° ′ ″	10.7	−2.9 MV	26 s	"	"
"	"	"	11.0	−2.6 M	10 M	760913	
"	"	"	11.2	−3.0 MV	17 s	800213	AFGL
"	"	"	11.3	−3.4 M	8.5 s	"	"
"	"	"	12.2	−3.0 MV	26 s	"	"
"	"	"	12.5	−2.9 MV	17 s	"	"
"	"	"	12.8	−3.2 M	8.5 s	"	"
"	"	"	18	−4.2 M	8.5 s	"	"
"	"	"	18	−4.2 M	26 s	"	"
"	"	"	19.8	−3.9 M	10 M	760913	
IRC+10322	17 11 56	+ 8 59 12	8.4	−1.8 CV	-	760610	IRC
"	"	"	8.6	−2.0 M	-	740705	"
"	"	"	10	−2.3 M	-	"	"
"	"	"	10.7	−2.8 M	-	"	"
"	"	"	11.2	−3.0 CV	-	760610	"
"	"	"	12.5	−2.9 CV	-	"	"
AFGL 1941	17 11 58	+ 0 42 06	19.8	−4.1 M	10 M	760913	
AFGL 1943	17 12 01	−30 27 42	11.0	−1.6 M	10 M	"	
AFGL 1944	17 12 18	+11 08 24	11.0	−1.6 M	10 M	"	
AFGL 1945	17 12 21	−21 22 12	8.6	2.2 M	26 s	800213	AFGL
"	"	"	10.7	0.8 M	26 s	"	"
"	"	"	11.0	−0.6 M	10 M	760913	
"	"	"	12.2	1.2 M	26 s	800213	AFGL
ALF HER	17 12 21.9	+14 26 44	5	D	-	751103	CSI 79
"	"	"	5.0	−3.20 C	-	640501	"
ALF 1 HER	"	"	5.0	−3.53 M	-	700302	"
ALF HER	"	"	8	S	-	760609	"
"	"	"	8.4	−3.80 M	-	710403	"
"	"	"	8.4	−3.80 C	-	710405	"
"	"	"	8.5	−3.8 M	-	700907	"
"	"	"	8.6	−4.0 M	-	721103	"
"	"	"	8.6	−3.8 M	-	721203	"
"	"	"	10	23.70 FV	V	660501	"
"	"	"	10	13 F	5 s	680703	"
"	"	"	10	46.3 F	5.9 s	640201	"
"	"	"	10	49 F	21 s	730022	"
"	"	"	10	P	-	720803	"
"	"	"	10	−3.43 C	-	670801	"
"	"	"	10	−4.0 M	-	741107	"
"	"	"	10.1	−3.42 M	15 s	681101	"
ALF 1 HER	"	"	10.2	−4.00 M	-	700302	"
ALF HER	"	"	10.4	−3.36 C	-	640501	"
"	"	"	10.8	−4.1 M	-	721203	"
"	"	"	10.8	−4.2 M	-	721103	"
"	"	"	11	−4.06 M	-	710403	"
"	"	"	11.0	−4.06 C	-	710405	"
"	"	"	11.2	−3.92 M	-	730002	"
"	"	"	11.3	−4.1 M	-	721203	"
"	"	"	11.4	−4.2 M	-	700907	"
"	"	"	12.2	−4.2 M	-	721103	"
"	"	"	12.8	−4.3 M	-	721203	"
"	"	"	18	−4.3 M	-	"	"
"	"	"	18.0	−4.3 M	-	721103	"
"	"	"	20	−4.26 M	9 s	731104	"
"	"	"	20	−4.26 MV	10 s	721002	"
"	"	"	20	−4.3 M	-	741107	"
"	"	"	20	−4.3 M	-	721203	"
"	"	"	20	−4.26 M	-	821005	"
"	"	"	21	−4.44 M	1 M	721005	"
"	"	"	22	3.5 F	21 s	730022	"
"	"	"	22	−4.3 M	-	721203	"
ALF 1 HER	"	"	22.0	−4.44 M	-	700302	"
ALF HER	"	"	25	−4.33 M	-	821005	"
"	"	"	33	−4.45 M	-	"	"
"	"	"	34	215 J	12 s	730805	"
AFGL 1947	17 12 22	+14 26 48	8.6	−3.8 M	26 s	800213	AFGL
"	"	"	10.7	−4.0 M	26 s	"	"
"	"	"	11.0	−4.0 M	10 M	760913	
"	"	"	12.2	−4.0 M	26 s	800213	AFGL
"	"	"	19.8	−4.4 M	10 M	760913	
UW HER	17 12 39.0	+36 25 26	8.4	0.91 C	-	710203	779907
"	"	"	11.0	0.70 C	-	"	"
AFGL 1948	17 12 46	+36 25 18	8.4	0.9 M	11 s	800213	AFGL
"	"	"	8.6	1.0 M	26 s	"	"
"	"	"	10.7	1.0 M	26 s	"	"
"	"	"	11.0	−0.6 M	10 M	760913	
"	"	"	11.2	0.7 M	11 s	800213	AFGL
AFGL 1949S	17 12 56	− 3 10 48	11.0	−1.7 M	10 M	770706	
"	"	"	19.8	−3.6 M	10 M	"	
HFE 22	17 13 06	−36 20	100	28000 J	12 M	711201	
UCL 41	17 13 06	−37 54 54	100	62000 W	-	751202	
AFGL 1950	17 13 17	+36 51 42	8.6	0.1 M	26 s	800213	AFGL
"	"	"	10.7	−0.4 M	26 s	"	"
"	"	"	11.0	−1.0 M	10 M	760913	
"	"	"	12.2	0.4 M	26 s	800213	AFGL
UCL 15	17 14 02	−36 16 54	100	90000 W	-	730901	
RCW 121	17 14 57.3	−39 16 16	8.8	−16.1 R	29 s	760910	
"	"	"	9.8	−16.3 R	29 s	"	
"	"	"	10	−16.0 R	29 s	"	
"	"	"	10.6	−16.1 R	29 s	"	
"	"	"	11.7	−16.1 R	29 s	"	
"	"	"	12.6	−16.0 R	29 s	"	
RCW 121 IRS1	17 14 57.6	−39 16 16	10	−24.6 L	22 s	770503	
"	"	"	10	29 J	23 s	"	
"	"	"	20	−24.0 L	22 s	"	
AFGL 5099S	17 15 12	−11 57 12	11.0	−0.2 M	10 M	770706	
HFE 23	17 15 56	−38 51	100	61000 J	12 M	711201	
G351.1+0.7	17 16	−35 58	1000	26 J	2 M	781010	ED
G348.7-1.0	17 16	−38 54	1000	82 J	2 M	"	ED
AFGL 1954	17 16 14	−19 32 48	8.6	0.4 M	26 s	800213	AFGL
"	"	"	10.7	−0.2 M	26 s	"	"
"	"	"	11.0	−1.0 M	10 M	760913	
"	"	"	12.2	−0.5 M	26 s	800213	AFGL
"	"	"	19.8	−3.0 M	10 M	760913	
CRL 1954	17 16 14.3	−19 34 40	11	60 J	-	760605	
HFE 24	17 16 29	−35 52	100	1.6E5 J	12 M	711201	
NGC 6334 V	17 16 36.0	−35 54 45	400	1260 J	48 s	820804	
NGC 6334/V	17 16 37	−35 55 00	69	32000 J	1.5 M	790911	
NGC 6334/VI	17 16 39	−36 06 43	69	7000 J	1.5 M	"	
RCW 122	17 16 39.9	−38 54 15	8.8	−15.8 R	22 s	760910	
"	"	"	9.8	−16.1 R	22 s	"	
"	"	"	10	−15.7 R	22 s	"	
"	"	"	10.6	−15.9 R	22 s	"	
"	"	"	11.7	−15.7 R	22 s	"	
"	"	"	12.6	−15.6 R	22 s	"	
"	17 16 40.1	−38 54 18	1000	53 J	65 s	800807	
"	17 16 40.6	−38 54 18	10	53 J	14 s	770503	
"	"	"	10	−24.1 L	22 s	"	

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
"	h m s	° ′ ″	20	−23.5 L	22 s	"	
UCL 16	17 16 42	−38 57 42	100	2.2E5 W	-	730901	
AFGL 5102S	17 16 44	−23 47 00	11.0	−0.8 M	10 M	770706	
"	"	"	19.8	−3.0 M	10 M	"	
UCL 14 #3	17 16 50	−35 51 48	100	2.2E5 W	-	730901	
NGC 6334/IV	17 16 59	−35 51 49	69	37000 J	1.5 M	790911	
G351.4+0.7	17 17	−35 43	1000	51 J	2 M	781010	ED
NGC 6334/III	17 17 07	−35 49 11	69	28000 J	1.5 M	790911	
"	17 17 07.8	−35 48 12	1000	53 J	65 s	781211	
UCL 14 #2	17 17 08	−35 47 42	100	2.7E5 W	-	730901	
RY ARA	17 17 09.1	−51 04 14	10.5	2.87 MU	5 s	721205	CSI 79
NGC 6334/II	17 17 21	−35 46 25	69	54000 J	1.5 M	790911	
NGC 6334	17 17 21.1	−35 46 29	51.8	390 X	2.2 M	801012	
HFE 25	17 17 22	−34 33	100	38000 J	12 M	711201	
NGC 6334/II	17 17 22.6	−35 48 00	1000	38 J	65 s	781211	
UCL 14 #1	17 17 26	−35 43 54	100	3.1E5 W	-	730901	
NGC 6334(B)	17 17 28	−36 03 12	10.1	6.7 MU	8 s	820403	789908
NGC 6334	"	"	80	4.8E5 W	0.5 D	740711	"
"	"	"	85	5.2E5 J	30 M	731210	"
"	"	"	100	4.2E5 J	30 M	"	"
"	"	"	100	6.2E5 W	0.5 D	740711	"
"	"	"	130	2.3E5 W	0.5 D	"	"
"	"	"	150	2.8E5 W	0.5 D	"	"
351.41+0.64	17 17 32.0	−35 44 05	8.3	S	7 s	811014	
NGC 6334/I(N)	17 17 32.5	−35 42 00	1000	132 J	65 s	781211	
NGC 6334 I(N)	17 17 32.5	−35 42 30	400	1400 J	48 s	820804	
NGC 6334/I	17 17 32.5	−35 43 48	1000	82 J	65 s	781211	
NGC 6334 I	17 17 32.5	−35 44 00	400	1400 J	48 s	820804	
NGC 6334IRS1	17 17 32.5	−35 44 07	10	45000 B	5 s	740001	
"	"	"	20	24000 B	5 s	"	
NGC 6334/I	17 17 34	−35 44 30	69	22000 J	1.5 M	790911	
A1718+49A	17 17 35.6	+49 56 00	10.6	0.070 JU	5.8 s	810703	769909
AFGL 5104S	17 18 54	−14 33 36	11.0	−0.8 M	10 M	770706	
AFGL 5105S	17 18 56	+46 16 24	19.8	−2.5 M	10 M	"	
UZ OPH	17 19 31.5	+ 6 57 25	11.3	4.5 MU	-	721203	CSI 79
UCL 13	17 19 52	−35 51 42	100	1.0E5 W	-	730901	
AFGL 1960	17 20 29	+ 0 56 18	11.0	−0.4 M	10 M	760913	
AFGL 1961	17 20 43	−29 15 54	11.0	−1.3 M	10 M	"	
MARK 506	17 20 45.6	+30 55 30	10.6	−.006 J	3.9 s	781209	739901
HFE 26	17 20 56	−34 12	100	54000 J	12 M	711201	
NGC 6357 A	17 21 21	−34 07	50.6	S	6 M	790112	
"	"	"	51.8	2600 X	6 M	"	
AFGL 5107S	17 21 22	−22 19 54	11.0	−0.6 M	10 M	770706	
NGC 6357	17 21 24.1	−34 08 24	8.8	−15.5 R	29 s	760910	
"	"	"	9.8	−15.5 R	29 s	"	
"	"	"	10	−22.8 L	V	740906	
"	"	"	10	−15.4 R	29 s	760910	
"	"	"	10.6	−15.5 R	29 s	"	
"	"	"	11.7	−15.4 R	29 s	"	
"	"	"	12.6	−15.4 R	29 s	"	
"	17 21 25	−34 09 24	5	1200 J	1.0 D	721007	789908
"	"	"	13	9000 J	1.0 D	"	"
"	"	"	20	11000 J	1.0 D	"	"
"	"	"	80	3.1E5 W	0.5 D	740711	"
"	"	"	85	3.2E5 J	30 M	731210	"
"	"	"	100	2.6E5 J	30 M	"	"
"	"	"	100	3.8E5 W	0.5 D	740711	"
"	"	"	100	2.4E5 J	1.0 D	721007	"
"	"	"	130	1.5E5 W	0.5 D	740711	"
"	"	"	150	1.9E5 W	0.5 D	"	"
NGC 6357 (B)	17 21 25.4	−34 06 29	51.8	360 X	2.2 M	801012	
"	"	"	88.4	210 X	2.2 M	"	
NGC 6357 (A)	17 21 26.9	−34 07 45	51.8	1090 X	2.2 M	"	
"	"	"	88.4	770 X	2.2 M	"	
NGC 6357 B	17 21 29	−34 00 36	86	S	4.4 M	780407	
"	"	"	88.4	1410 X	4.4 M	"	
UCL 11 #1	17 21 29	−34 06 00	100	1.5E5 W	-	730901	
AFGL 1962S	17 21 31	+10 07 36	11.0	−1.0 M	10 M	770706	
HFE 27	17 21 47	−34 22	100	63000 J	12 M	711201	
AFGL 1963	17 22 00	−24 38 12	19.8	−3.6 M	10 M	760913	
NGC 6357 A	17 22 22	−34 17 36	86	S	4.4 M	780407	
"	"	"	88.4	720 X	4.4 M	"	
UCL 11 #2	"	"	100	1.9E5 W	-	730901	
G355.6+2.3	17 22 28	−31 21	85	1.7E5 J	30 M	731210	ED
"	"	"	100	1.7E5 J	30 M	"	"
AFGL 5109S	17 22 43	+16 49 48	19.8	−3.4 M	10 M	770706	
FIR #1	17 23 03	−35 26	180	2.7E5 X	30 M	800803	ED
AFGL 1966S	17 23 27	+22 06 18	11.0	−1.1 M	10 M	770706	
AFGL 5110S	17 23 42	+12 38 42	19.8	−3.5 M	10 M	"	
"	"	"	27.4	−6.1 M	10 M	"	
AFGL 5111S	17 23 46	−31 04 24	19.8	−2.5 M	10 M	"	
FIR #2	17 23 54	−34 28	100	1.3E5 X	15 M	800803	ED
"	"	"	180	2.2E5 X	30 M	"	"
V453 OPH	17 24 12.6	− 2 21 48	11.3	4.6 MU	-	721203	CSI 79
AFGL 5113S	17 24 52	+ 4 14 48	19.8	−3.5 M	10 M	770706	
HFE 29	17 25 12	−36 38	100	52000 J	12 M	711201	
HFE 28	17 25 34	−34 31	100	41000 J	12 M	"	
IRC+10329	17 25 40	+ 5 05 36	10.7	0.2 M	-	740705	IRC
G351.6-1.3	17 25 53.0	−36 37 49	8.8	−16.1 R	22 s	760910	
"	"	"	9.8	−16.5 R	22 s	"	
"	"	"	10	−24.1 L	V	740906	
"	"	"	10	−16.0 R	22 s	760910	
"	"	"	10.6	−16.2 R	22 s	"	
"	"	"	11.7	−16.0 R	22 s	"	
"	"	"	12.6	−15.7 R	22 s	"	
"	"	"	1000	42 J	65 s	800807	
UCL 12	17 25 55	−36 39 06	100	1.9E5 W	-	730901	
G351.6-1.3	17 26	−36 41	1000	67 J	2 M	781010	ED
"	17 26 01	−36 41 06	12.6	−15.7 R	-	770503	ED
"	"	"	18.1	−15.8 R	-	"	"
"	"	"	19.8	−15.8 R	-	"	"
"	"	"	22.9	−15.6 R	-	"	"
NGC6369 10"N	17 26 17.9	−23 43 02	9.0	1200 G	7 s	811008	ED
"	"	"	10.5	4200 G	7 s	"	"
"	"	"	12.8	100 GU	7 s	"	"
NGC 6369	17 26 17.9	−23 43 12	8.8	0.82 J	18 s	800610	739909
"	"	"	9.0	300 G	7 s	811008	"
"	"	"	10	1.65 J	18 s	800610	"
"	"	"	10.5	100 GU	7 s	811008	"
"	"	"	10.5	12 J	22 s	720301	"
"	"	"	10.5	4 X	-	"	"
"	"	"	10.6	2.36 J	18 s	800610	"
"	"	"	11	2.6 JU	11 s	720301	"
"	"	"	11	1.8 JU	-	"	"
"	"	"	11.7	2.46 J	18 s	800610	"
"	"	"	12.8	100 GU	7 s	811008	"
"	"	"	20	11.9 JU	18 s	800610	"
AFGL 1970	17 26 35	− 7 26 30	8.4	−0.6 M	17 s	800213	AFGL

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
"	h m s	° ′ ″	8.6	−0.9 M	26 s	"	"
"	"	"	10.7	−1.9 M	26 s	"	"
"	"	"	11.0	−1.6 M	10 M	760913	
"	"	"	11.2	−1.6 M	17 s	800213	AFGL
"	"	"	12.2	−2.2 M	26 s	"	"
"	"	"	12.5	−1.8 M	17 s	"	"
AFGL 1971	17 26 41	−19 26 30	11.0	−0.9 M	10 M	760913	
AFGL 1972	17 26 52	−26 25 06	11.0	−1.5 M	10 M	"	
353.60–0.23	17 27 08.5	−34 25 31	8.2	1.59 K	12 s	820308	
"	"	"	9.6	0.68 K	12 s	"	
"	"	"	10	1.37 K	12 s	"	
"	"	"	12.2	1.61 K	12 s	"	
UCL 10	17 27 15	−34 39 42	100	60000 W	–	730901	
KEPLER SNR	17 27 34	−21 25 30	125	15 J	0.9 M	800903	
"	17 27 37	−21 26 36	125	5 J	0.9 M	"	
"	17 27 38	−21 26 24	125	20 J	0.9 M	"	
"	17 27 40	−21 25 06	125	36 J	0.9 M	"	
"	17 27 41	−21 27 18	125	0 J	0.9 M	"	
"	17 27 43	−21 26 06	125	10 J	0.9 M	"	
"	17 27 45	−21 28 30	125	−5 J	0.9 M	"	
"	17 27 46	−21 27 06	125	4 J	0.9 M	"	
ALF ARA	17 27 58.3	−49 50 18	10.2	1.25 M	12 s	820309	CSI 79
AFGL 4231	17 28 14	+ 4 49 54	27.4	−6.6 M	10 M	760913	
AFGL 1977	17 29 38	+17 49 12	8.4	−2.0 MV	17 s	800213	AFGL
"	"	"	8.6	−2.5 MV	26 s	"	"
"	"	"	10.6	−2.3 M	8.5 s	"	"
"	"	"	10.7	−2.8 MV	26 s	"	"
"	"	"	11.0	−2.7 M	10 M	760913	
"	"	"	11.2	−2.7 MV	17 s	800213	AFGL
"	"	"	12.2	−3.1 MV	26 s	"	"
"	"	"	12.5	−2.9 MV	17 s	"	"
"	"	"	19.8	−3.3 M	10 M	760913	
AFGL 5117S	17 29 38	+39 42 48	11.0	−1.8 M	10 M	770706	
IRC+20326	17 29 42	+17 47 36	8.4	−2.0 CV	–	760610	IRC
"	"	"	11.2	−2.7 CV	–	"	"
"	"	"	12.5	−2.9 CV	–	"	"
AFGL 1983	17 31 16	− 1 55 24	19.8	−2.3 M	10 M	760913	
NGC 6383	17 31 27	−32 33 00	80	75000 W	0.5 D	740711	789908
"	"	"	150	95000 W	0.5 D	"	"
AFGL 1985	17 31 46	−23 42 54	11.0	−1.3 M	10 M	760913	
FIR #3	17 32 31	−32 18	180	2.2E5 X	30 M	800803	ED
AFGL 5120S	17 32 43	− 1 18 24	10.6	1.1 M	26 s	800213	770706
IRC 00308	17 32 49	− 1 19 00	10	1.1 M	–	740705	IRC
TR 27 1	17 32 54	−33 27	8.4	−1.66 M	–	760307	739904
"	"	"	9.7	−3.20 M	–	"	"
"	"	"	10.5	−3.55 M	–	"	"
"	"	"	11.2	−3.52 M	–	"	"
"	"	"	12.5	−3.29 M	–	"	"
"	"	"	20	−4.59 M	–	"	"
AFGL 1987	17 33 13	+53 59 00	11.0	−0.6 M	10 M	760913	
"	"	"	19.8	−2.4 M	10 M	"	
AFGL 5122S	17 33 16	−22 24 12	11.0	−0.8 M	10 M	770706	
AFGL 1988	17 33 19	+15 35 48	8.4	−0.9 M	17 s	800213	AFGL
"	"	"	8.6	−1.2 MV	26 s	"	"
"	"	"	10.7	−2.0 MV	26 s	"	"
"	"	"	11.0	−1.9 M	10 M	760913	
"	"	"	11.2	−2.1 M	17 s	800213	AFGL
"	"	"	12.2	−2.0 MV	26 s	"	"
"	"	"	12.5	−1.9 M	17 s	"	"
"	"	"	18	−3.1 M	26 s	"	"
"	"	"	19.8	−3.0 M	10 M	760913	
CIT 9	17 33 24	+15 37	8.6	−1.1 MV	20 s	741201	661001
"	"	"	10.7	−1.8 MV	20 s	"	"
"	"	"	12.2	−1.8 MV	20 s	"	"
"	"	"	18	−3.1 M	20 s	"	"
MW HER	17 33 25	+15 36 53	8.4	−1.18 M	–	710403	GCVS
"	"	"	11	−2.35 M	–	"	"
"	"	"	20	−4.33 M	9 s	731104	"
IRC+20328	17 33 26	+15 36 54	10.2	−15.6 R	–	740401	IRC
AFGL 4232	17 33 46	+36 00 12	11.0	−1.2 M	10 M	760913	
"	"	"	19.8	−3.2 M	10 M	"	
IRC–30305	17 34 52.2	−32 07 40	8.6	1.2 M	–	740606	771107
AFGL 5124S	17 35 23	−10 51 42	11.0	−0.8 M	10 M	770706	
IRC–30308	17 35 27	−31 55 42	8.6	−0.7 M	–	740606	IRC
"	"	"	10.7	−1.8 M	–	"	"
"	"	"	12.2	−1.9 M	–	"	"
"	"	"	18	−2.8 M	–	"	"
HFE 30	17 35 49	−31 32	100	16000 J	12 M	711201	
FIR #4	17 35 56	−30 59	180	2.2E5 X	30 M	800803	ED
HE2–260	17 36 01.5	−18 15 57	10	0.41 JU	9 s	800610	819914
CRL 1992	17 36 02.7	−30 12 55	5.0	74 J	–	760605	
"	"	"	8.4	70 J	–	"	
"	"	"	10.4	40 J	–	"	
"	"	"	10.6	70 J	–	"	
"	"	"	12.6	160 J	–	"	
AFGL 1992	17 36 05	−30 13 18	8.6	−1.6 M	26 s	800213	AFGL
"	"	"	10.7	−2.2 M	26 s	"	"
"	"	"	11.0	−2.5 M	10 M	760913	
"	"	"	12.2	−2.9 M	26 s	800213	AFGL
AFGL 1993	17 36 12	+57 46 00	11.0	−1.0 M	10 M	760913	
"	"	"	19.8	−3.0 M	10 M	"	
BD+68 946	17 36 42.3	+68 23 05	8.7	4.08 C	10 s	741205	CSI 79
"	"	"	10.0	4.35 C	10 s	"	"
"	"	"	11.4	3.91 C	10 s	"	"
IRC–30312	17 37 29.0	−31 56 51	8.6	0.1 M	–	740606	771107
"	"	"	10.7	−1.5 M	–	"	"
"	"	"	12.2	−1.6 M	–	"	"
"	"	"	18	−2.4 M	–	"	"
BM SCO	17 37 42.7	−32 11 20	8.6	−0.1 M	–	"	CSI 79
"	"	"	8.7	−0.54 M	–	741105	"
"	"	"	10.0	−0.85 M	–	"	"
"	"	"	10.7	−1.0 M	–	740606	"
"	"	"	11.4	−1.01 M	–	741105	"
"	"	"	12.2	−0.8 M	–	740606	"
"	"	"	12.6	−1.11 M	–	741105	"
"	"	"	18	−1.1 M	–	740606	"
"	"	"	19.5	−1.71 M	–	741105	"
LII 358.3	17 38	−30 22	100	6 W	15 M	770612	ED
"	"	"	200	2 W	15 M	"	"
HFE 31	17 38 40	−29 58	100	38000 J	12 M	711201	
HB 4	17 38 48.4	−24 40 34	9.0	3000 G	7 s	811008	739909
"	"	"	10.5	8800 G	7 s	"	"
"	"	"	12.8	100 GU	7 s	"	"
AFGL 1996	17 38 50	−20 48 36	8.6	0.8 M	26 s	800213	AFGL
"	"	"	11.0	−1.4 M	10 M	760913	
"	"	"	11.3	−0.6 M	26 s	800213	AFGL
AFGL 5130S	17 39 16	+11 42 30	11.0	−1.4 M	10 M	770706	
"	"	"	19.8	−2.8 M	10 M	"	
"	"	"	27.4	−6.4 M	10 M	"	
AFGL 1997	17 39 25	−30 03 54	8.6	0.3 M	26 s	800213	AFGL
"	"	"	8.6	−0.9 M	–	"	"
"	"	"	10.7	−2.2 M	–	"	"
"	"	"	11.0	−2.4 M	10 M	760913	
"	"	"	11.3	−0.9 M	26 s	800213	AFGL
"	"	"	12.2	−2.4 M	–	"	"
"	"	"	12.8	−0.9 M	26 s	"	"
"	"	"	18	−3.0 M	–	"	"
"	"	"	19.8	−4.1 M	10 M	760913	
HFE 32	17 39 51	−29 47	100	1.3E5 J	12 M	711201	
HD 160810	17 40 05.0	−35 16 31	8.6	1.9 M	–	741203	CSI 79
BET OPH	17 41 00.0	+ 4 35 11	10.2	1.00 M	–	700302	CSI 79
XX OPH	17 41 15.3	− 6 14 50	5.0	2.30 M	–	750103	CSI 79
"	"	"	5.0	2.55 M	–	700302	"
"	"	"	8.4	1.54 M	–	710403	"
"	"	"	10.2	1.45 M	–	750103	"
"	"	"	10.2	1.47 M	–	700302	"
"	"	"	11	1.27 M	–	710403	"
G0.6–0.1	17 41 21	−29 22 06	100	4E5 J	12 M	710206	
AFGL 2001S	17 41 22	−29 26 30	19.8	−4.1 M	10 M	770706	
SGR IRC	17 41 24	−29 26	150	1.8E5 X	7 M	701103	
HFE 33	17 41 46	−29 22	100	4.0E5 J	12 M	711201	
TC 1	17 41 52.6	−46 04 10	10	1.00 J	18 s	800610	769910
"	"	"	11.7	0.89 J	18 s	"	"
"	"	"	20	15.3 JU	18 s	"	"
0.0+0.0	17 42	−28 55	80	7.4E6 X	0.4 D	820213	ED
"	"	"	150	7.4E6 X	.37 D	"	"
IRC 00318	17 42 10	− 1 30 54	10	1.2 M	–	740705	IRC
AFGL 2002	17 42 11	−29 16 12	11.0	−1.9 M	10 M	760913	
"	"	"	19.8	−3.9 M	10 M	"	
G0.01+0.02	17 42 25	−28 53 52	30	1500 J	1 M	780302	ED
"	"	"	50	3400 J	1 M	"	"
"	"	"	100	2600 J	1 M	"	"
SGR A WEST#9	17 42 26.6	−28 59 53	18.9	0.7 F	30 s	801207	
"	"	"	27.8	2.1 F	30 s	"	
SGR A	17 42 27	−29 03 00	540	530 J	83 s	780204	ED
SGR A WEST#8	17 42 27.4	−28 59 49	18.9	0.9 F	30 s	801207	
"	"	"	27.8	3.4 F	30 s	"	
SGR A WEST(S)	17 42 27.5	−29 00 04	56	4.3E5 J	28 s	780303	
SGR A WEST#17	17 42 27.8	−28 59 09	18.9	4.3 F	30 s	801207	
"	"	"	27.8	5.3 F	30 s	"	
SGR A WEST(W)	17 42 27.8	−28 59 16	12.8	15 XU	31 s	760405	ED
G0.07+0.04	17 42 28	−28 50 10	30	1800 J	1 M	780302	ED
"	"	"	50	3400 J	1 M	"	"
"	"	"	100	3800 J	1 M	"	"
FIR #5	17 42 28	−28 55	100	1.7E6 X	15 M	800803	ED
"	"	"	180	5.4E5 X	15 M	"	"
"	"	"	180	8.4E5 X	30 M	"	"
G0.0–0.0	17 42 28	−28 55 00	30	6500 J	1 M	780302	ED
"	"	"	50	12000 J	1 M	"	"
"	"	"	100	7600 J	1 M	"	"
SGR A WEST#7	17 42 28.1	−28 59 43	18.9	2.6 F	30 s	801207	
"	"	"	27.8	5.2 F	30 s	"	
SGR A WEST SW	17 42 28.3	−28 59 39	15	S	30 s	"	
"	"	"	18.7	22 XU	30 s	"	
"	"	"	12.8	0.036 E	–	790110	
SGR A #1	17 42 28.4	−28 59 17	12.8	S	3.5 s	801008	
SGR A #2	17 42 28.4	−28 59 20	12.8	S	3.5 s	"	
GAL CEN #I	17 42 28.5	−28 59 22	12.8	3 XU	5.4 s	771205	ED
SGR A #3	17 42 28.6	−28 59 14	12.8	S	3.5 s	801008	
GAL CEN #6	17 42 28.6	−28 59 15	10	10 J	2.3 s	750903	
SGR A #4	17 42 28.6	−28 59 17	12.8	S	3.5 s	801008	
SGR A #5	17 42 28.6	−28 59 20	12.8	S	3.5 s	"	
SGR A #6	17 42 28.6	−28 59 23	12.8	S	3.5 s	"	
SGR A WEST	17 42 28.6	−28 59 30	12.5	S	25 s	741111	ED
"	"	"	12.8	109 X	25 s	"	"
"	"	"	30	6000 JE	1 M	770806	"
"	"	"	50	11000 JE	1 M	"	"
"	"	"	100	6000 JE	1 M	"	"
SGR A WEST#12	17 42 28.7	−28 59 12	18.9	9.1 F	30 s	801207	
"	"	"	27.8	9.5 F	30 s	"	
GAL CEN IRS6	17 42 28.7	−28 59 18	7.5	S	5 s	780208	780109
"	"	"	8.7	1.9 M	2.3 s	780307	"
"	"	"	9.5	2.7 M	2.3 s	"	"
"	"	"	11.2	1.0 M	2.3 s	"	"
"	"	"	12.5	−0.5 M	2.3 s	"	"
"	"	"	12.8	4.6 W	5 s	780208	"
"	"	"	20	−1.2 M	2.3 s	780307	"
SGR A #7	17 42 28.8	−28 59 14	12.8	S	3.5 s	801008	
SGR A #8	17 42 28.8	−28 59 17	12.8	S	3.5 s	"	
SGR A IRS 6	"	"	12.8	0.19 E	3.6 s	790110	
SGR A #9	17 42 28.8	−28 59 20	12.8	S	3.5 s	801008	
GAL CEN #H	17 42 28.8	−28 59 22	12.8	9.2 X	5.4 s	771205	ED
GAL CEN #D	"	"	12.8	35 X	10 s	"	"
SGR A #10	17 42 28.8	−28 59 23	12.8	S	3.5 s	801008	
SGR A #11	17 42 28.8	−28 59 26	12.8	S	3.5 s	"	
GAL CEN #F	17 42 28.9	−28 59 11	12.8	4.4 X	5.4 s	771205	ED
GAL CEN #3	17 42 28.9	−28 59 14	10	20 J	2.3 s	750903	
"	"	"	11	P	7 s	761108	730902
SGR A #3	"	"	11.5	P	7.0 s	770805	750903
GAL CEN #3	"	"	12.2	80 J	7 s	731211	730902
GAL CEN #E	17 42 28.9	−28 59 32	12.8	9 XU	10 s	771205	ED
SGR A WEST#6	17 42 28.9	−28 59 36	18.9	5.3 F	30 s	801207	
"	"	"	27.8	7.5 F	30 s	"	
SGR A	17 42 29	−28 58 48	100	1.5E6 J	12 M	710206	
"	17 42 29	−28 59 20	86	S	4.4 M	780407	
"	"	"	88.4	90 X	4.4 M	"	
"	"	"	100	150 W	15 M	770612	ED
"	"	"	200	29 W	15 M	"	"
SGR A WEST(5)	17 42 29.0	−28 59 14	12.8	9 XU	8 s	760405	ED
SGR A #12	17 42 29.0	−28 59 19	12.8	S	3.5 s	801008	
SGR A WEST(N)	17 42 29.0	−28 59 20	6.99	64 W	28 s	790410	780303
"	"	"	56	4.6E5 J	28 s	780303	
GAL CEN #2	17 42 29.0	−28 59 21	10	10 J	2.3 s	750903	
SGR A #2	"	"	11.5	P	7.0 s	770805	750903
SGR A #13	17 42 29.0	−28 59 22	12.8	S	3.5 s	801008	
GAL CEN IRS2	17 42 29.0	−28 59 23	7.5	S	5 s	780208	780109
"	"	"	8.7	1.7 M	2.3 s	780307	"
"	"	"	9.5	2.2 M	2.3 s	"	"
"	"	"	11.2	0.5 M	2.3 s	"	"
"	"	"	12.5	−0.8 M	2.3 s	"	"
"	"	"	12.8	11.4 W	5 s	780208	"
"	"	"	20	−1.4 MU	2.3 s	780307	"
SGR A #14	17 42 29.1	−28 59 11	12.8	S	3.5 s	801008	
SGR A #15	17 42 29.1	−28 59 14	12.8	S	3.5 s	"	
GAL CEN IRS3	17 42 29.1	−28 59 15	7.5	S	5 s	780208	780109
"	"	"	8.7	0.8 M	2.3 s	780307	"

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
"	h m s	° ′ ″	9.5	2.5 M	2.3 s	"	"
"	"	"	11.2	0.8 M	2.3 s	"	"
"	"	"	12.5	−0.9 M	2.3 s	"	"
"	"	"	12.8	1.6 WU	5 s	780208	"
"	"	"	20	−0.6 M	2.3 s	780307	"
SGR A #16	17 42 29.1	−28 59 17	12.8	S	3.5 s	801008	
SGR A #17	17 42 29.1	−28 59 20	12.8	S	3.5 s	"	
SGR A WEST(6)	17 42 29.1	−28 59 21	12.8	15 X	8 s	760405	ED
GAL CEN #2	17 42 29.1	−28 59 22	11	P	7 s	761108	730902
SGR A #18	17 42 29.1	−28 59 23	12.8	S	3.5 s	801008	
SGR A IRS 2	"	"	12.8	0.19 E	3.6 s	790110	
GAL CEN IRS20	"	"	12.8	7.9 W	5 s	780208	ED
GAL CEN #2	17 42 29.1	−28 59 26	12.2	200 J	7 s	731211	
SGR A #19	"	"	12.8	S	3.5 s	801008	
SGR A #20	17 42 29.1	−28 59 29	12.8	S	3.5 s	"	
GAL CEN	17 42 29.2	−28 59 12	5	700 J	1 D	731103	750903
"	"	"	8	S	13 s	730808	"
GAL CEN #7	"	"	10	5 J	2.3 s	750903	
GAL CEN	"	"	13	3000 J	1 D	731103	750903
"	"	"	20	3700 J	1 D	"	"
"	"	"	100	4.4E5 J	1 D	"	"
GAL CEN #G	17 42 29.2	−28 59 20	12.8	13.0 X	5.4 s	771205	ED
GAL CEN IRS7	17 42 29.3	−28 59 13	8.7	3.1 M	2.3 s	780307	780109
"	"	"	9.5	4.1 M	2.3 s	"	"
"	"	"	11.2	2.6 M	2.3 s	"	"
"	"	"	12.5	0.8 M	2.3 s	"	"
"	"	"	20	−0.2 MU	2.3 s	"	"
SGR A #21	17 42 29.3	−28 59 19	12.8	S	3.5 s	801008	
SGR A #22	17 42 29.3	−28 59 22	12.8	S	3.5 s	"	
GAL CEN IRS20	17 42 29.3	−28 59 24	8.7	2.0 M	2.3 s	780307	780109
"	"	"	9.5	2.6 M	2.3 s	"	"
"	"	"	11.2	0.7 M	2.3 s	"	"
"	"	"	12.5	−0.6 M	2.3 s	"	"
"	"	"	20	−2.1 M	2.3 s	"	"
SGR A #23	17 42 29.3	−28 59 25	12.8	S	3.5 s	801008	
GAL CEN #8	17 42 29.4	−28 58 48	10	10 J	2.3 s	750903	
SGR A #8	"	"	11.5	P	7.0 s	770805	750903
SGR A #24	17 42 29.4	−28 59 11	12.8	S	3.5 s	801008	
SGR A #25	17 42 29.4	−28 59 14	12.8	S	3.5 s	"	
SGR A WEST#13	17 42 29.4	−28 59 15	18.9	14.9 F	30 s	801207	
"	"	"	27.8	14.1 F	30 s	"	
SGR A #26	17 42 29.4	−28 59 17	12.8	S	3.5 s	801008	
SGR A #27	17 42 29.4	−28 59 20	12.8	S	3.5 s	"	
GAL CEN	17 42 29.4	−28 59 23	12.2	900 J	19 s	731211	ED
SGR A #28	"	"	12.8	S	3.5 s	801008	
SGR A #29	17 42 29.4	−28 59 26	12.8	S	3.5 s	"	
SGR A #30	17 42 29.4	−28 59 29	12.8	S	3.5 s	"	
GAL CEN IRS8	17 42 29.5	−28 58 49	7.5	S	5 s	780208	780109
"	"	"	8.7	1.4 M	2.3 s	780307	"
"	"	"	9.5	2.4 M	2.3 s	"	"
"	"	"	11.2	1.0 M	2.3 s	"	"
"	"	"	12.5	−0.2 M	2.3 s	"	"
"	"	"	12.8	3.6 WU	5 s	780208	"
"	"	"	20	−1.2 M	2.3 s	780307	"
GAL CEN #1	17 42 29.5	−28 59 17	5.0	P	V	761108	730902
"	"	"	8.4	P	V	"	"
"	"	"	8.5	P	V	"	"
"	"	"	9.2	P	V	"	"
"	"	"	10.1	P	V	"	"
SGR A WEST	"	"	10.5	20 XU	25 s	760206	"
GAL CEN #1	"	"	10.6	P	V	761108	"
"	"	"	11.0	P	V	"	"
"	"	"	11.2	P	V	"	"
"	"	"	12.0	P	V	"	"
"	"	"	12.5	P	V	"	"
SGR A WEST	"	"	12.65	S	25 s	760206	"
"	"	"	12.8	78 X	25 s	"	"
"	"	"	18.7	15 XU	25 s	"	"
GAL CEN	17 42 29.5	−28 59 18	12	1200 J	4 s	780303	
"	"	"	21	11000 J	4 s	"	
SGR A #31	17 42 29.5	−28 59 19	12.8	S	3.5 s	801008	
SGR A #32	17 42 29.5	−28 59 22	12.8	S	3.5 s	"	
SGR A #33	17 42 29.5	−28 59 25	12.8	S	3.5 s	"	
SGR A IRS 8	17 42 29.6	−28 58 50	12.8	0.025 E	7 s	790110	
GAL CEN #A	17 42 29.6	−28 59 04	12.8	14 X	10 s	771205	ED
SGR A #34	17 42 29.6	−28 59 11	12.8	S	3.5 s	801008	
SGR A #35	17 42 29.6	−28 59 14	12.8	S	3.5 s	"	
GAL CEN IRS10	"	"	12.8	5.8 W	5 s	780208	ED
GAL CEN #B	17 42 29.6	−28 59 16	12.8	13 X	10 s	771205	ED
SGR A #1	17 42 29.6	−28 59 17	11.5	P	V	770805	750903
SGR A #36	"	"	12.8	S	3.5 s	801008	
SGR A #37	17 42 29.6	−28 59 20	12.8	S	3.5 s	"	
GAL CEN #9	17 42 29.6	−28 59 23	10	10 J	2.3 s	750903	
SGR A #9	"	"	11.5	P	7.0 s	770805	750903
SGR A #38	"	"	12.8	S	3.5 s	801008	
SGR A #39	17 42 29.6	−28 59 26	12.8	S	3.5 s	"	
GAL CEN #C	"	"	12.8	34 X	10 s	771205	ED
SGR A WEST#5	17 42 29.6	−28 59 28	18.9	12.6 F	30 s	801207	
"	"	"	27.8	10.7 F	30 s	"	
SGR A #40	17 42 29.6	−28 59 29	12.8	S	3.5 s	801008	
GAL CEN #5	17 42 29.7	−28 59 06	11	P	7 s	761108	730902
SGR A IRS 10	17 42 29.7	−28 59 14	12.8	0.14 E	3.6 s	790110	
GAL CEN #1	17 42 29.7	−28 59 17	10	40 J	2.3 s	750903	
SGR A	"	"	51.7	S	1 M	801004	
"	"	"	51.8	43 X	1 M	"	
"	"	"	88.4	17 X	1 M	"	
"	"	"	124.2	6.8 XU	60 s	810705	
SGR A IRS 1	17 42 29.7	−28 59 18	6.99	46 X	28 s	810901	790110
"	"	"	7.45	7.7 X	28 s	"	"
"	"	"	8.99	0.5 XU	10 s	"	"
"	"	"	9.0	0.003 E	3.6 s	790110	
GAL CEN #3	"	"	10	4800 B	5.5 s	710902	ED
SGR A IRS 1	"	"	10.5	0.001 E	3.6 s	790110	
"	"	"	12.8	0.24 E	3.6 s	"	
"	"	"	13.1	0.002 EU	3.6 s	"	
GAL CEN #1	17 42 29.7	−28 59 19	12.2	250 J	7 s	731211	
SGR A #41	"	"	12.8	S	3.5 s	801008	
SGR A #42	17 42 29.7	−28 59 22	12.8	S	3.5 s	"	
SGR A #43	17 42 29.7	−28 59 25	12.8	S	3.5 s	"	
SGR A IRS 9	"	"	12.8	0.20 E	3.6 s	790110	
GAL CEN IRS9	17 42 29.7	−28 59 26	8.7	1.6 M	2.3 s	780307	780109
"	"	"	9.5	2.3 M	2.3 s	"	"
"	"	"	11.2	0.5 M	2.3 s	"	"
"	"	"	12.5	−0.8 M	2.3 s	"	"
"	"	"	20	−1.6 MU	2.3 s	"	"
SGR A WEST(N)	17 42 29.8	−28 58 55	12.8	14 X	12 s	760405	ED
"	"	"	12.8	28 X	31 s	"	"
SGR A WEST(2)	17 42 29.8	−28 59 09	12.8	15 X	8 s	"	ED
GAL CEN #10	17 42 29.8	−28 59 12	10	20 J	2.3 s	750903	
SGR A #10	"	"	11.5	P	7.0 s	770805	750903
GAL CEN IRS10	17 42 29.8	−28 59 14	8.7	1.0 M	2.3 s	780307	780109
"	"	"	9.5	1.6 M	2.3 s	"	"
"	"	"	11.2	0.2 M	2.3 s	"	"
"	"	"	12.5	−0.8 M	2.3 s	"	"
"	"	"	20	−2.2 M	2.3 s	"	"
SGR A WEST(3)	17 42 29.8	−28 59 16	12.8	12 X	8 s	760405	ED
SGR A WEST(C)	"	"	12.8	70 X	31 s	"	"
GAL CEN IRS1	17 42 29.8	−28 59 19	7.5	S	5 s	780208	780109
"	"	"	8.7	0.3 M	2.3 s	780307	"
"	"	"	9.5	0.7 M	2.3 s	"	"
"	"	"	11.2	−0.6 M	2.3 s	"	"
"	"	"	12.5	−1.5 M	2.3 s	"	"
"	"	"	12.8	7.0 W	5 s	780208	"
"	"	"	20	−2.9 M	2.3 s	780307	"
SGR A WEST(4)	17 42 29.8	−28 59 24	12.8	16 X	8 s	760405	ED
SGR A WEST(S)	17 42 29.8	−28 59 34	12.8	24 X	31 s	"	ED
GAL CEN #5	17 42 29.9	−28 59 07	10	10 J	2.3 s	750903	
SGR A #5	"	"	11.5	P	7.0 s	770805	750903
SGR A #44	17 42 29.9	−28 59 11	12.8	S	3.5 s	801008	
SGR A #45	17 42 29.9	−28 59 14	12.8	S	3.5 s	"	
SGR A	17 42 29.9	−28 59 15	30	S	15 s	820701	
SGR A #46	17 42 29.9	−28 59 17	12.8	S	3.5 s	801008	
SGR A #47	17 42 29.9	−28 59 20	12.8	S	3.5 s	"	
SGR A #48	17 42 29.9	−28 59 23	12.8	S	3.5 s	"	
GAL CEN	17 42 29.9	−28 59 25	30	6.0 JE	V	770708	ED
"	"	"	50	11 JE	V	"	"
"	"	"	100	6000 JE	V	"	"
SGR A #49	17 42 29.9	−28 59 26	12.8	S	3.5 s	801008	
SGR IRA	17 42 30	−28 59	150	5.4E5 X	7 M	701103	
SGR A	17 42 30	−28 59 03	53	3600 J	V	760408	ED
"	"	"	100	2600 J	28 s	"	"
"	"	"	175	850 J	35 s	"	"
GAL CEN IRS5	17 42 30.0	−28 59 12	8.7	2.0 M	2.3 s	780307	780109
"	"	"	9.5	2.7 M	2.3 s	"	"
"	"	"	11.2	1.0 M	2.3 s	"	"
"	"	"	12.5	0.1 M	2.3 s	"	"
"	"	"	20	−1.8 M	2.3 s	"	"
GAL CEN #2	17 42 30.0	−28 59 26	10	7200 B	5.5 s	710902	ED
SGR A #50	17 42 30.1	−28 59 11	12.8	S	3.5 s	801008	
SGR A #51	17 42 30.1	−28 59 14	12.8	S	3.5 s	"	
SGR A #52	17 42 30.1	−28 59 17	12.8	S	3.5 s	"	
SGR A #53	17 42 30.1	−28 59 20	12.8	S	3.5 s	"	
SGR A WEST#1	"	"	18.9	16.1 F	30 s	801207	
"	"	"	27.8	14.9 F	30 s	"	
SGR A #54	17 42 30.1	−28 59 23	12.8	S	3.5 s	801008	
SGR A #55	17 42 30.1	−28 59 26	12.8	S	3.5 s	"	
SGR A WEST NE	17 42 30.2	−28 59 16	15	S	30 s	801207	
SGR A WEST	"	"	18.7	190 XU	2.7 M	"	
SGR A WEST NE	"	"	18.7	16 XU	30 s	"	
SGR A WEST	"	"	18.9	34 F	2.7 M	"	
"	"	"	27.8	51 F	2.7 M	"	
SGR A WEST#4	17 42 30.2	−28 59 18	18.9	15.8 F	30 s	"	
"	"	"	27.8	14.9 F	30 s	"	
SGR A WEST#14	"	"	18.9	15.3 F	30 s	"	
"	"	"	27.8	14.7 F	30 s	"	
GAL CEN #4	17 42 30.3	−28 59 23	11	P	7 s	761108	730902
"	"	"	12.2	60 J	7 s	731211	"
SGR A #56	"	"	12.8	S	3.5 s	801008	
SGR A #57	17 42 30.3	−28 59 26	12.8	S	3.5 s	"	
SGR A WEST(1)	17 42 30.4	−28 59 16	12.8	15 X	8 s	760405	ED
GAL CEN IRS4	17 42 30.4	−28 59 24	8.7	3.4 M	2.3 s	780307	780109
"	"	"	9.5	4.1 M	2.3 s	"	"
"	"	"	11.2	1.7 M	2.3 s	"	"
"	"	"	12.5	0.3 M	2.3 s	"	"
"	"	"	12.8	3.6 W	5 s	780208	"
SGR A IRS 4	"	"	12.8	0.15 E	3.6 s	790110	
GAL CEN #1	17 42 30.6	−28 59 20	10	12000 B	5.5 s	710902	ED
SGR A #58	"	"	12.8	S	3.5 s	801008	
SGR A #59	17 42 30.6	−28 59 23	12.8	S	3.5 s	"	
SGR A #60	17 42 30.6	−28 59 26	12.8	S	3.5 s	"	
SGR A WEST#3	17 42 30.8	−28 59 08	18.9	10.9 F	30 s	801207	
"	"	"	27.8	11.7 F	30 s	"	
SGR A #61	17 42 30.9	−28 59 20	12.8	S	3.5 s	801008	
SGR A WEST#15	17 42 30.9	−28 59 21	18.9	8.8 F	30 s	801207	
"	"	"	27.8	9.2 F	30 s	"	
SGR A #62	17 42 30.9	−28 59 23	12.8	S	3.5 s	801008	
SGR A #63	17 42 30.9	−28 59 26	12.8	S	3.5 s	"	
SGR A WEST(E)	17 42 31.1	−28 59 16	12.8	12 X	31 s	760405	ED
GAL CEN #4	17 42 31.1	−28 59 28	10	2400 B	5.5 s	710902	ED
SGR A WEST#2	17 42 31.3	−28 58 56	18.9	4.9 F	30 s	801207	
"	"	"	27.8	6.1 F	30 s	"	
SGR A WEST#10	17 42 31.7	−28 58 44	18.9	1.3 F	30 s	"	
"	"	"	27.8	3.2 F	30 s	"	
SGR A WEST#16	17 42 31.7	−28 59 24	18.9	4.1 F	30 s	"	
"	"	"	27.8	4.6 F	30 s	"	
AFGL 2003	17 42 32	−28 56 00	8.6	1.7 M	26 s	800213	AFGL
"	"	"	10.7	1.7 M	26 s	"	"
"	"	"	11.0	−4.0 M	10 M	760913	
"	"	"	19.8	−6.1 M	10 M	"	
SGR A 45"N	17 42 32	−28 58 57	63	70 W	1 M	810908	ED
GAL CEN	17 42 32	−28 59 42	56	52000 J	5 M	730602	
SGR A	"	"	56	52000 J	5 M	740908	
"	"	"	63	110 W	1 M	810908	ED
GAL CEN	"	"	68	72000 J	5 M	730602	
SGR A	"	"	68	72000 J	5 M	740908	
GAL CEN	"	"	91	72000 J	5 M	730602	
SGR A	"	"	91	72000 J	5 M	740908	
GAL CEN	"	"	105	63000 J	5 M	730602	
SGR A	"	"	105	63000 J	5 M	740908	
SGR A 45"S	17 42 32	−29 00 27	63	80 W	1 M	810908	ED
GAL CEN	17 42 32.5	−28 59 22	5.0	40 J	25 s	690801	ED
"	"	"	8.5	−1.05 MV	10 s	700805	"
"	"	"	10	80 J	5 s	700904	"
"	"	"	10	510 J	6 s	720901	"
"	"	"	10.1	10.0 JU	5.0 s	690704	"
"	"	"	10.1	290 J	16 s	"	"
"	"	"	10.1	450 J	38 s	"	"
"	"	"	10.2	550 J	25 s	690801	"
SGR A	"	"	11	P	11 s	740301	"
GAL CEN	"	"	11.5	−1.98 MV	10 s	700805	"
"	"	"	11.5	730 J	25 s	690801	"
"	"	"	13.0	1700 J	25 s	"	"
"	"	"	17	S	2.7 M	790810	
SGR A	"	"	18.7	230 XU	2.7 M	"	
GAL CEN	"	"	18.9	1700 J	25 s	690801	ED
"	"	"	22.0	1900 J	25 s	"	"

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
"	h m s	° ′ ″	24.5	2500 J	25 s	"	"
SGR A	"	"	45	S	6 M	770604	"
GAL CEN	"	"	75	8E5 J	13 M	700305	"
"	"	"	100	40000 J	20 M	690801	"
SGR A	"	"	350	270 JU	63 s	730703	"
GAL CEN	"	"	350	1700 JU	1 M	721003	"
"	"	"	1200	200 JU	60 s	690801	"
"	17 42 32.6	−28 59 27	10.1	54 J	5.0 s	690704	ED
"	"	"	10.1	68 JV	7.5 s	"	"
"	"	"	10.1	210 J	15 s	"	"
"	"	"	19.5	850 J	10 s	"	"
SGR A	17 42 40	−29 02 00	350	16000 JU	4.5 M	730102	
M1-26	17 42 45.0	−30 11 02	8	S	3.4 s	791104	739909
"	"	"	8	S	20 s	"	"
"	"	"	8.6	2.9 M	–	741009	"
"	"	"	8.99	0.4 X	3.4 s	791104	"
"	"	"	10	1.7 M	–	741009	"
"	"	"	10.5	0.6 XU	3.4 s	791104	"
"	"	"	11.3	1.4 M	–	741009	"
"	"	"	12.8	7.0 X	3.4 s	791104	"
"	"	"	12.8	17.5 X	20 s	"	"
"	"	"	18	−1.5 M	–	741009	"
HFE 34	17 42 54	−28 59	100	1.5E6 J	12 M	711201	
G0.01−0.12	17 42 57	−28 58 16	30	2000 JU	1 M	780302	ED
"	"	"	50	1800 J	1 M	"	"
"	"	"	100	1400 J	1 M	"	"
AFGL 2004.2	17 43 00	−28 50 48	8.6	−0.0 MV	26 s	800213	ED
"	–	–	10.7	0.6 M	26 s	"	"
"	–	–	12.2	−1.3 M	26 s	"	"
HFE 35	17 43 12	−28 47	100	2.2E5 J	12 M	711201	
V381 SCO	17 43 40.9	−35 45 54	8.6	1.3 M	–	741203	CSI 79
"	"	"	10.7	0.8 M	–	"	"
"	"	"	12.2	0.4 M	–	"	"
G0.5+0.0(S)	17 43 50	−28 32 00	30	1300 J	1 M	780302	ED
"	"	"	50	2100 J	1 M	"	"
"	"	"	100	1400 J	1 M	"	"
AFGL 2006	17 43 50	−28 32 36	11.0	−2.1 M	10 M	760913	
"	"	"	19.8	−4.7 M	10 M	"	
G0.5+0.0(N)	17 43 55	−28 29 30	30	1300 J	1 M	780302	ED
"	"	"	50	1700 J	1 M	"	"
"	"	"	100	1100 J	1 M	"	"
G0.4−0.1	17 44	−28 38	30	710 J	1 M	"	ED
"	"	"	50	2100 J	1 M	"	"
"	"	"	100	1800 J	1 M	"	"
NGC 6454	17 44 02	+55 43	10.6	0.06 JU	6 s	750606	RNGC
G0.6+0.0	17 44 02	−28 25 30	30	1000 JU	1 M	780302	ED
"	"	"	50	2800 J	1 M	"	"
"	"	"	100	4900 J	1 M	"	"
SGR B2 H2O	17 44 08	−28 22 06	12.3	0.001 EU	7 s	791207	
SGR B2 RADIO	17 44 09	−28 21 30	12.3	0.001 EU	7 s	"	
G0.7−0.0	17 44 10	−28 21 48	30	690 J	1 M	780302	ED
"	"	"	50	6500 J	1 M	"	"
"	"	"	100	30000 J	1 M	"	"
SGR B2	17 44 10.0	−28 22 00	350	12000 J	56 s	760705	ED
"	17 44 10.7	−28 21 53	53	3180 J	25 s	770208	ED
"	"	"	100	10400 J	28 s	"	"
"	"	"	175	8450 J	35 s	"	"
"	"	"	350	8000 J	63 s	730703	"
"	"	"	1000	286 J	55 s	781211	"
"	17 44 11	−28 21 30	1000	310 J	1 M	761003	
"	17 44 11	−28 22	21	−4.62 M	1 M	721005	
"	17 44 11	−28 22 00	118.4	S	40 s	810212	
"	17 44 11	−28 22 30	12.3	0.001 EU	7 s	791207	
"	17 44 11.0	−28 22 00	119	8.6 XU	60 s	810705	
"	"	"	124.2	5.0 XU	60 s	"	
"	17 44 12	−28 21 44	350	8900 J	56 s	750102	
"	17 44 12	−28 22 12	63	20 WU	1 M	810908	ED
"	"	"	86	S	4.4 M	780407	
"	"	"	88.4	0 X	4.4 M	"	
"	"	"	100	95 W	15 M	770612	ED
"	"	"	200	34 W	15 M	"	"
"	17 44 13	−28 22 00	100	81000 J	5 M	740908	
"	"	"	150	1.2E5 J	5 M	"	
"	"	"	155	1.0E5 J	5 M	"	
"	"	"	212	91000 J	5 M	"	
"	"	"	257	72000 J	5 M	"	
SGR B	17 44 13	−28 23 06	350	43000 J	4.5 M	730102	
SGR B2	17 44 13.1	−28 22 49	45	S	6 M	770604	ED
"	"	"	500	S	1.4 M	770905	"
"	"	"	1000	286 J	55 s	780210	"
"	"	"	1570	140 J	1 M	761201	"
SGR B2 1'N	17 44 14.4	−28 21 34	1230	149 J	–	760601	
SGR B2	17 44 14.4	−28 22 34	1230	124 J	–	"	
"	17 44 21	−28 21 54	100	6.4E5 J	12 M	710206	
SGR IRB	17 44 24	−28 22	150	4.9E5 X	7 M	701103	
FIR #6	17 44 31	−28 22	100	1.0E6 X	15 M	800803	ED
"	"	"	180	6.3E5 X	15 M	"	"
"	"	"	180	1.3E6 X	30 M	"	"
HB 5	17 44 44.5	−29 58 53	8	S	4.7 s	820715	739909
"	"	"	8.0	10.5 J	18 s	800610	"
"	"	"	8.8	5.45 J	18 s	"	"
"	"	"	9.8	2.81 J	18 s	"	"
"	"	"	10	6.50 J	18 s	"	"
"	"	"	10.6	6.62 J	18 s	"	"
"	"	"	11.7	7.75 J	18 s	"	"
"	"	"	12.7	9.86 J	18 s	"	"
"	"	"	20	21.7 J	18 s	"	"
HFE 36	17 44 46	−28 22	100	6.4E5 J	12 M	711201	
HD 316285	17 45 04.7	−27 59 54	8.6	1.9 M	–	741009	CSI 79
"	"	"	10	1.8 M	–	"	"
"	"	"	10.8	1.5 M	–	"	"
"	"	"	11.3	1.4 M	–	"	"
"	"	"	18	−0.7 M	–	"	"
NGC 6439	17 45 26.0	−16 27 44	10	4.4 M	11 s	"	739909
KE 56	17 45 31	−28 00 36	100	2.3E5 J	12 M	710206	
AFGL 4233	17 45 34	−77 51 36	11.0	−2.6 M	10 M	760913	
"	"	"	19.8	−3.4 M	10 M	"	
"	"	"	27.4	−6.3 M	10 M	"	
AFGL 2009	17 45 50	−28 48 18	11.0	−1.0 M	10 M	"	
"	"	"	19.8	−3.4 M	10 M	"	
HFE 37	17 45 56	−28 01	100	2.3E5 J	12 M	711201	
AFGL 2010	17 46 09	−29 00 12	11.0	−1.3 M	10 M	760913	
"	"	"	19.8	−3.7 M	10 M	"	
AFGL 5143S	17 46 12	−28 04 00	11.0	−1.1 M	10 M	770706	
AFGL 2011	17 46 13	−28 42 12	11.0	−1.6 M	10 M	760913	
"	"	"	19.8	−4.2 M	10 M	"	
NGC 6445	17 46 17.2	−19 59 41	10	4.5 MU	11 s	741009	739909
AFGL 2013	17 46 48	−29 01 30	11.0	−0.9 M	10 M	760913	

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
V758 SGR	17 46 49	−29 00 04	20	−1.1 M	14 s	760901	GCVS
AFGL 2014	17 47 09	+45 43 18	8.4	0.9 M	17 s	800213	AFGL
"	"	"	11.2	0.8 M	17 s	"	"
"	"	"	12.5	1.0 M	17 s	"	"
"	"	"	27.4	−6.3 M	10 M	760913	
CRL 2015	17 47 21.0	−27 51 12	5.0	29 J	–	760604	
"	"	"	8.8	65 J	–	"	
"	"	"	10.6	130 J	–	"	
"	"	"	10.6	75 J	–	"	
"	"	"	10.8	130 J	–	"	
"	"	"	11.6	110 J	–	"	
"	"	"	12.6	66 J	–	"	
AFGL 2015	17 47 29	−27 51 12	11.0	−1.7 M	10 M	760913	
"	"	"	19.8	−3.0 M	10 M	"	
RS OPH	17 47 31.6	− 6 41 39	10	4.8 MV	–	700804	739903
LII 2.2	17 48	−27 02	100	9 W	15 M	770612	ED
"	"	"	200	2 W	15 M	"	"
HFE 38	17 48 20	−27 24	100	67000 J	12 M	711201	
AFGL 2016	17 48 24	− 8 00 12	8.4	−0.9 M	17 s	800213	AFGL
"	"	"	8.6	−1.5 M	26 s	"	"
"	"	"	10.7	−2.5 M	26 s	"	"
"	"	"	11.0	−2.3 M	10 M	760913	
"	"	"	11.2	−2.1 M	17 s	800213	AFGL
"	"	"	12.2	−2.7 M	26 s	"	"
"	"	"	12.5	−2.0 M	17 s	"	"
"	"	"	19.8	−3.2 M	10 M	760913	
AFGL 5146S	17 48 25	−28 26 00	11.0	−0.7 M	10 M	770706	
"	"	"	19.8	−3.6 M	10 M	"	
IRC−10381	17 48 28	− 8 00 42	8.4	−0.9 C	–	760610	IRC
"	"	"	10.1	−1.16 C	–	720001	"
"	"	"	11.2	−2.1 C	–	760610	"
"	"	"	12.5	−1.9 C	–	"	"
KW SGR	17 48 50.9	−28 00 49	8.6	−0.9 M	–	741203	CSI 79
"	"	"	10.7	−2.4 M	–	"	"
"	"	"	12.2	−2.1 M	–	"	"
"	"	"	18	−2.8 M	–	"	"
"	"	"	20	−3.0 M	14 s	760901	"
"	"	"	20	−3.38 M	–	821005	"
AFGL 2017	17 48 54	−28 00 18	11.0	−2.2 M	10 M	760913	
NOVA SER 1978	17 48 59.7	−14 43 08	8.7	2.18 M	4 s	800507	ED
"	"	"	8.7	1.47 MV	5 s	"	"
"	"	"	8.7	0.9 MV	27 s	"	"
"	"	"	8.7	0.66 M	–	780615	"
"	"	"	10	1.62 M	4 s	800507	"
"	"	"	10	1.71 MV	5 s	"	"
"	"	"	10	0.5 MV	27 s	"	"
"	"	"	10.0	0.56 M	–	780615	"
"	"	"	11.4	1.05 MV	5 s	800507	"
"	"	"	11.4	0.36 M	–	780615	"
"	"	"	12.6	2.53 M	4 s	800507	"
"	"	"	12.6	0.82 MV	5 s	"	"
"	"	"	12.6	0.4 MV	27 s	"	"
"	"	"	12.6	0.32 M	–	780615	"
"	"	"	19.5	0.43 MV	5 s	800507	"
"	"	"	19.5	−0.27 M	–	780615	"
AFGL 2018	17 49 04	− 2 27 06	11.0	−0.3 M	10 M	760913	
"	"	"	19.8	−2.9 M	10 M	"	
OT 081	17 49 10.4	+ 9 39 43	1000	2.6 J	55 s	821106	809908
AFGL 5149S	17 49 20	+19 02 18	11.0	−1.2 M	10 M	770706	
AFGL 5150S	17 49 34	−28 15 18	11.0	−1.0 M	10 M	"	
V564 OPH	17 49 36.7	+ 7 57 08	11.3	4.6 MU	–	721203	CSI 79
5.4+1.2	17 50	−23 41	80	90000 X	0.4 D	820213	ED
"	"	"	150	1.4E5 X	.37 D	"	"
HFE 39	17 50 02	−26 45	100	23000 J	12 M	711201	
AFGL 2019	17 50 10	−26 56 54	8.6	−0.6 M	26 s	800213	AFGL
"	"	"	10.7	−1.3 M	26 s	"	"
"	"	"	11.0	−2.2 M	10 M	760913	
"	"	"	12.2	−1.8 M	26 s	800213	AFGL
2.60−0.40	17 50 10.8	−26 55 58	8.2	2.30 K	12 s	820308	
"	"	"	9.6	2.32 K	12 s	"	
"	"	"	10	2.45 K	12 s	"	
"	"	"	12.2	2.36 K	12 s	"	
CRL 2019	17 50 13.4	−26 56 20	11	150 J	–	760605	
AFGL 2020	17 50 23	− 2 32 30	11.0	−0.6 M	10 M	760913	
"	"	"	19.8	−2.4 M	10 M	"	
AFGL 5152S	17 50 39	+45 28 42	11.0	−1.5 M	10 M	770706	
"	"	"	19.8	−3.0 M	10 M	"	
AFGL 5151S	17 50 39	−28 09 48	11.0	−1.7 M	10 M	"	
AFGL 2021S	17 50 41	+10 46 48	11.0	−1.0 M	10 M	"	
"	"	"	19.8	−3.8 M	10 M	"	
FIR #7	17 50 44	−26 17	100	98000 X	15 M	800803	ED
"	"	"	180	2.7E5 X	30 M	"	"
A43	17 51 11.1	+10 37 57	10	4.7 MU	11 s	741009	769910
"	"	"	18	1.1 MU	11 s	"	"
CRL 2023	17 51 13.7	−25 49 03	5.0	73 J	–	760604	
"	"	"	8.8	470 J	–	"	
"	"	"	10.6	76 J	–	"	
"	"	"	10.6	300 J	–	"	
"	"	"	10.8	250 J	–	"	
"	"	"	11.6	300 J	–	"	
"	"	"	12.6	320 J	–	"	
IRC 00328	17 51 15	− 3 16 06	10.7	0.1 MU	–	740705	IRC
AFGL 2023	17 51 15	−25 47 18	11.0	−2.1 M	10 M	760913	
"	"	"	19.8	−3.3 M	10 M	"	
AFGL 2023.1	–	–	8.6	−0.8 M	26 s	800213	ED
"	–	–	10.7	−1.1 M	26 s	"	"
"	–	–	12.2	−1.4 M	26 s	"	"
AFGL 2023.2	–	–	10.7	1.3 MU	26 s	"	"
AFGL 2024	17 51 21	−23 14 00	8.6	−0.8 M	26 s	"	AFGL
"	"	"	10.7	−2.2 M	26 s	"	"
"	"	"	11.0	−2.1 M	10 M	760913	
"	"	"	12.2	−2.1 M	26 s	800213	AFGL
"	"	"	19.8	−3.1 M	10 M	760913	
HFE 40	17 51 22	−26 13	100	95000 J	12 M	711201	
V774 SGR	17 51 24	−23 13 38	20	−2.9 M	14 s	760901	GCVS
AFGL 5153S	17 51 37	+13 06 42	11.0	−1.8 M	10 M	770706	
G3.2−0.5	17 51 53	−26 26	80	55000 W	0.5 D	740711	ED
"	"	"	150	65000 W	0.5 D	"	"
HB 6	17 52 06.8	−21 44 10	9.0	4200 G	7 s	811008	739909
"	"	"	10.5	11400 G	7 s	"	"
"	"	"	12.8	100 GU	7 s	"	"
AFGL 5154S	17 52 15	+56 31 06	11.0	−0.9 M	10 M	770706	
VY 1-2	17 52 24	+28 00	10	4.4 MU	11 s	741009	P−K
AFGL 2026	17 53 00	+56 52 42	19.8	−3.1 M	10 M	760913	
AFGL 2027	17 53 11	+57 05 48	11.0	−0.2 M	10 M	"	
89 HER	17 53 24.0	+26 03 23	8	S	–	760708	CSI 79
"	"	"	8.4	−24.1 L	–	701003	"
"	"	"	8.6	−0.59 M	–	740603	"

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
"	h m s	° ′ ″	8.7	−0.42 M	–	741105	"
"	"	"	10.0	−0.76 M	–	"	"
"	"	"	10.7	−0.93 M	–	740603	"
"	"	"	11.0	−24.0 L	–	701003	"
"	"	"	11.4	−1.08 M	–	741105	"
"	"	"	12.2	−0.87 M	–	740603	"
"	"	"	12.6	−1.03 M	–	741105	"
"	"	"	19.5	−1.48 M	–	"	"
V441 HER	"	"	20	−1.82 M	9 s	731104	"
89 HER	"	"	23	−1.27 M	–	741105	"
AFGL 2028	17 53 29	+26 02 30	8.6	−0.6 M	26 s	800213	AFGL
"	"	"	10.7	−0.9 M	26 s	"	"
"	"	"	11.0	−1.3 M	10 M	760913	
"	"	"	12.2	−0.9 M	26 s	800213	AFGL
HFE 41	17 53 33	−25 00	100	25000 J	12 M	711201	
AFGL 2032	17 53 50	+11 34 42	11.0	−0.5 M	10 M	760913	
HD 163428	17 54 03.9	−23 56 00	8.6	1.4 M	–	741203	CSI 79
"	"	"	10.7	0.9 M	–	"	"
AFGL 2036	17 54 06	−19 19 42	11.0	−0.6 M	10 M	760913	
AFGL 2037	17 54 17	+11 11 42	11.0	−1.6 M	10 M	"	
AFGL 5158S	17 54 20	+ 5 53 06	11.0	−0.3 M	10 M	770706	
FIR #8	17 54 28	−24 28	180	37000 X	15 M	800803	ED
"	"	"	180	2.7E5 X	30 M	"	"
IRC+20338	17 55 07	+15 55 00	10.7	0.4 MU	–	740705	IRC
AFGL 2039	17 55 16	+51 29 36	11.0	−1.8 M	10 M	760913	
OP HER	17 55 22.3	+45 21 21	8.4	−0.38 M	–	710403	779907
"	"	"	11	−0.74 M	–	"	"
"	"	"	20	−0.8 M	14 s	760901	"
GAM DRA	17 55 26.5	+51 29 37	8.4	−1.34 M	–	710403	CSI 79
"	"	"	8.6	−1.3 M	–	721203	"
"	"	"	10	2.57 FV	V	660501	"
"	"	"	10	6.82 F	5.9 s	640201	"
"	"	"	10.2	−1.44 M	–	700302	"
"	"	"	10.4	−1.20 C	–	640501	"
"	"	"	11	−1.52 M	–	710403	"
"	"	"	11.3	−1.5 M	–	721203	"
"	"	"	20	−1.71 M	–	741002	"
AFGL 2041	17 55 30	+45 23 54	11.0	−1.4 M	10 M	760913	
AFGL 2040	17 55 31	+58 13 06	8.4	−1.3 M	11 s	800213	AFGL
"	"	"	11.0	−2.2 M	10 M	760913	
"	"	"	11.2	−2.0 M	11 s	800213	AFGL
"	"	"	19.8	−2.7 M	10 M	760913	
T DRA	17 55 36.1	+58 13 11	8.4	−1.34 C	–	710203	779907
"	"	"	8.4	−1.4 M	–	721103	"
"	"	"	8.4	−1.69 CV	–	750104	"
"	"	"	10.8	−2.4 M	–	721103	"
"	"	"	11	−2.25 CV	–	750104	"
"	"	"	11.0	−2.00 C	–	710203	"
"	"	"	12.2	−2.2 M	–	721103	"
"	"	"	18.0	−2.6 M	–	"	"
"	"	"	20	−2.01 M	9 s	731104	"
AFGL 5162S	17 56 12	+29 13 06	19.8	−2.1 M	10 M	770706	
AFGL 5163S	17 56 18	+80 36 12	11.0	−1.5 M	10 M	"	
HFE 42	17 56 31	−23 55	100	76000 J	12 M	711201	
AFGL 2043S	17 56 35	−20 35 18	11.0	−1.3 M	10 M	770706	
V540 SGR	17 56 42.0	−35 55 32	8.6	1.1 M	–	741203	CSI 79
"	"	"	10.7	−0.4 M	–	"	"
"	"	"	12.2	−0.4 M	–	"	"
"	"	"	18	−1.6 M	–	"	"
AFGL 2046	17 57 23	−24 05 06	11.0	−2.6 M	10 M	760913	
"	"	"	19.8	−5.4 M	10 M	"	
CRL 2046	17 57 24.5	−24 03 56	8.4	30 J	12 S	780106	
"	"	"	10.6	30 J	12 S	"	
"	"	"	11.0	34 J	12 S	"	
UCL 9	17 57 30	−24 04 18	100	1.5E5 W	–	730901	
IRC+10344	17 57 38	+ 6 08 30	10.7	0.7 MU	–	740705	IRC
W28 C	17 57 46.4	−23 20 48	69	1400 J	–	760909	
AFGL 5169S	17 57 54	+23 38 24	11.0	−1.5 M	10 M	770706	
"	"	"	19.8	−3.1 M	10 M	"	
5.4–0.8	17 58	−24 41	80	2.9E5 X	0.4 D	820213	ED
"	"	"	150	3.7E5 X	.37 D	"	"
AFGL 5170S	17 58 02	−22 58 48	11.0	−2.0 M	10 M	770706	
HFE 43	17 58 03	−23 58	100	67000 J	12 M	711201	
67 OPH	17 58 08.3	+ 2 55 55	10	3.82 M	11 s	770504	CSI 79
AFGL 2047	17 58 11	−17 44 00	8.6	−0.0 M	26 s	800213	AFGL
"	"	"	10.7	−0.5 MV	26 s	"	"
"	"	"	11.0	−0.4 M	10 M	760913	
"	"	"	12.2	−1.5 M	26 s	800213	AFGL
FIR #9	17 58 11	−23 48	100	1.4E5 X	15 M	800803	ED
"	"	"	180	3.2E5 X	30 M	"	"
FIRSSE 290	17 58 31	+66 38 48	20	69 J	10 M	830201	
"	"	"	27	117 J	10 M	"	
"	"	"	93	86 J	10 M	"	
NGC 6543	17 58 36	+66 38	9.0	4.9 J	11 s	790409	RNGC
"	"	"	10.5	8.5 X	9 s	791104	"
"	"	"	10.5	10400 G	10 s	800409	"
"	"	"	10.5	25.2 J	11 s	790409	"
"	"	"	11	54 J	30 s	720301	"
"	"	"	11	54 J	–	"	"
"	"	"	11.5	54 J	26 s	690705	"
"	"	"	37	161 J	27 s	800604	"
"	"	"	51.8	26 X	1 M	811107	"
"	"	"	70	95 J	27 s	800604	"
AFGL 5176S	17 58 53	−23 59 06	11.0	−1.2 M	10 M	770706	
"	"	"	19.8	−2.8 M	10 M	"	
W28 C SOURCE3	17 58 55.4	−23 13 00	69	1000 J	–	760909	
AFGL 2048	17 58 58	−23 35 30	8.4	−2.3 M	17 s	800213	AFGL
"	"	"	10.6	−2.0 M	8.5 s	"	"
"	"	"	11.0	−2.6 M	10 M	760913	
"	"	"	11.2	−2.4 M	17 s	800213	AFGL
"	"	"	12.5	−2.5 M	17 s	"	"
"	"	"	18	−2.5 M	8.5 s	"	"
"	"	"	19.8	−3.0 M	10 M	760913	
AFGL 5177S	17 58 59	+33 13 00	19.8	−2.4 M	10 M	770706	
5.9–0.8	17 59	−24 15	150	4.4E5 X	.37 D	820213	ED
VE 2–45	17 59 01	−23 37 36	8	S	3.6 s	800911	IRC
IRC–20417	"	"	8.4	−1.88 M	–	760307	"
VE 2–45	"	"	8.7	−2.42 M	11 s	741202	"
"	"	"	8.7	−2.42 M	11 s	740907	"
IRC–20417	"	"	9.7	−1.82 M	–	760307	"
VE 2–45	"	"	10	−2.34 M	11 s	741202	"
"	"	"	10.0	−2.34 M	11 s	740907	"
"	"	"	10.0	−2.1 M	–	720907	"
IRC–20417	"	"	10.5	−1.97 M	–	760307	"
"	"	"	11.2	−2.13 M	–	"	"
VE 2–45	"	"	11.4	−2.52 M	11 s	741202	"
"	"	"	11.4	−2.52 M	11 s	740907	"
IRC–20417	"	"	12.5	−1.05 M	–	760307	"

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
	h m s	° ′ ″					
VE 2–45	"	"	12.6	−2.78 M	11 s	741202	"
"	"	"	12.6	−2.78 M	11 s	740907	"
"	"	"	19	−2.71 M	11 s	"	"
"	"	"	19	−2.71 M	11 s	741202	"
ROBERTS 80	"	"	20	−2.98 M	–	741002	"
VE 2–45	"	"	23	−2.59 M	11 s	741202	"
"	"	"	23	−2.59 M	11 s	740907	"
HFE 44	17 59 09	−23 42	100	18000 J	12 M	711201	
AFGL 2050	17 59 14	−23 02 42	11.0	−1.7 M	10 M	760913	
"	"	"	19.8	−3.6 M	10 M	"	
AFGL 2049S	17 59 14	−23 27 24	8.6	−0.4 M	–	800213	770706
"	"	"	10.7	−1.2 M	–	"	"
"	"	"	11.0	−1.1 M	10 M	770706	
"	"	"	12.2	−0.9 M	–	800213	770706
"	"	"	18	−1.6 M	–	"	"
M20	17 59 18.5	−23 02 12	69	600 J	–	760909	
AFGL 5180S	17 59 22	+21 37 18	11.0	−2.3 M	10 M	770706	
"	"	"	19.8	−3.1 M	10 M	"	
IRC–20418	17 59 22	−23 28 06	8.7	−0.60 M	–	790604	IRC
"	"	"	10.0	−0.95 M	–	"	"
"	"	"	11.4	−1.01 M	–	"	"
"	"	"	12.6	−1.04 M	–	"	"
FIR #10	17 59 36	−22 50	180	2.7E5 X	30 M	800803	ED
AFGL 2051	17 59 55	−21 46 30	11.0	−1.3 M	10 M	760913	
"	"	"	19.8	−4.0 M	10 M	"	
HFE 45	17 59 55	−26 57	100	34000 J	12 M	711201	
GAL CEN	18 00	−28	100	1.8E7 J	2.3 D	690102	ED
AFGL 5184S	18 00 13	+ 1 42 36	11.0	−1.3 M	10 M	770706	
AFGL 5185S	18 00 20	+49 51 42	11.0	−1.1 M	10 M	"	
IRC+20344	18 00 33	+20 58 24	8.6	1.2 M	–	740705	IRC
"	"	"	10.7	1.0 M	–	"	"
M8	18 00 33	−24 23 24	86	S	4.4 M	780407	
"	"	"	88.4	700 X	4.4 M	"	
UCL 8	"	"	100	85000 W	–	730901	
AFGL 5186S	18 00 34	+26 58 18	11.0	−2.3 M	10 M	770706	
HFE 46	18 00 34	−24 20	100	34000 J	12 M	711201	
M8	18 00 35	−24 23 00	72	15000 J	5 M	740908	
"	"	"	91	14000 J	5 M	"	
HERSCHEL 36	18 00 35.6	−24 23 07	8.6	1.0 M	11 S	730201	ED
"	"	"	10.8	−0.15 M	11 S	"	"
"	"	"	11.1	0.57 F	4.5 S	770206	"
"	"	"	11.3	0.0 M	11 S	730201	"
M8 (PEAK)	"	"	12	6600 JU	4.5 M	790905	"
HERSCHEL 36	"	"	12.2	−0.05 M	11 S	730201	"
"	"	"	18	−3.1 M	11 S	"	"
"	"	"	20	−3.4 M	11 S	"	"
"	"	"	22	−3.6 M	11 S	"	"
M8 (PEAK)	"	"	22	4700 J	4.5 M	790905	"
"	"	"	58	16000 J	4.5 M	"	"
"	"	"	60	8500 J	3.5 M	"	"
"	"	"	60	22000 J	4.5 M	"	"
"	"	"	88	13000 J	3.5 M	"	"
"	"	"	88	23000 J	4.5 M	"	"
"	"	"	140	8500 J	3.5 M	"	"
"	"	"	220	40000 J	22 M	"	"
M8 #1	18 00 36	−24 23 48	69	6700 J	1.5 M	770207	
HOURGLASS (N)	18 00 36.9	−24 23 04	11.1	0.5 F	16 S	770206	ED
M8	18 00 37.7	−24 22 44	52	.0110 E	1.5 M	810208	
"	"	"	57	.0040 EU	1.5 M	"	
AFGL 2052	18 00 38	−24 20 42	11.0	−3.3 M	10 M	760913	
"	"	"	19.8	−6.3 M	10 M	"	
AFGL 2052.1	–	–	8.6	1.0 M	8.5 S	800213	ED
"	–	–	11.3	−0.0 M	8.5 S	"	"
CORDOBA 12403	18 00 42.2	−24 21 21	11.3	3.4 M	11 S	730201	740903
"	"	"	18	0.1 M	11 S	"	"
9 SGR	18 00 48.3	−24 21 47	10.7	3.1 MU	–	730303	CSI 79
"	"	"	11.3	4.0 MU	11 S	730201	"
"	"	"	18	1.0 MU	11 S	"	"
AFGL 5188S	18 00 49	−13 14 06	11.0	−0.2 M	10 M	770706	
AFGL 2053	18 00 53	−24 05 00	11.0	−1.4 M	10 M	760913	
AFGL 2054	18 00 58	−20 19 00	8.4	−2.1 MV	17 S	800213	AFGL
"	"	"	8.6	−2.6 M	26 S	"	"
"	"	"	8.6	−1.9 M	–	"	"
"	"	"	10.7	−3.5 M	26 S	"	"
"	"	"	10.7	−3.0 M	–	"	"
"	"	"	11.0	−3.0 M	10 M	760913	
"	"	"	11.2	−3.2 MV	17 S	800213	AFGL
"	"	"	12.2	−3.4 M	26 S	"	"
"	"	"	12.2	−2.7 M	–	"	"
"	"	"	12.5	−3.0 MV	17 S	"	"
"	"	"	18	−3.3 M	26 S	"	"
"	"	"	18	−3.4 M	–	"	"
"	"	"	19.8	−3.8 M	10 M	760913	
IRC–20424	18 00 59	−20 19 30	8.4	−2.0 C	–	760610	IRC
"	"	"	10.1	−2.9 C	–	721001	"
"	"	"	11.2	−3.2 C	–	760610	"
"	"	"	12.5	−3.0 C	–	"	"
M8 #2	18 01 07	−24 28 18	69	800 J	1.5 M	770207	
M8	18 01 12	−24 19 30	5	400 JU	1.0 D	721007	819916
"	"	"	13	700 J	1.0 D	"	"
"	"	"	20	1300 J	1.0 D	"	"
"	"	"	80	1.2E5 W	0.5 D	740711	"
"	"	"	85	1.1E5 J	30 M	731210	"
"	"	"	100	17 W	15 M	770612	"
"	"	"	100	80000 J	30 M	731210	"
"	"	"	100	1.2E5 W	0.5 D	740711	"
"	"	"	100	37000 J	1.0 D	721007	"
"	"	"	150	65000 W	0.5 D	740711	"
M8E	"	"	64	3600 JU	3.5 M	790905	"
"	–	–	110	10000 J	3.5 M	"	"
"	–	–	160	5200 J	3.5 M	"	"
M8 #3	18 01 14	−24 25 12	69	600 J	1.5 M	770207	
M8	18 01 15	−24 24	200	2 W	15 M	770612	ED
AFGL 2057	18 01 21	+ 8 26 36	11.0	−1.3 M	10 M	760913	
HFE 47	18 01 26	−19 43	100	15000 J	12 M	711201	
HDE 313643	18 01 43.7	−21 10 03	8.6	1.4 M	V	750505	CSI 79
"	"	"	8.7	1.37 M	11 S	741202	"
"	"	"	10	1.44 M	11 S	"	"
"	"	"	11.3	1.4 M	V	750505	"
"	"	"	11.4	1.35 M	11 S	741202	"
"	"	"	12.6	1.51 M	11 S	"	"
"	"	"	19	1.60 M	11 S	"	"
AFGL 2059	18 01 48	−24 29 48	8.4	−0.6 M	17 S	800213	AFGL
"	"	"	8.6	−0.6 M	26 S	"	"
"	"	"	10.7	−0.6 M	26 S	"	"
"	"	"	11.0	−1.4 M	10 M	760913	
"	"	"	11.2	−1.1 M	17 S	800213	AFGL
"	"	"	12.2	−1.7 M	26 S	"	"

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
"	h m s	° ′ ″	12.5	−1.6 M	17 s	"	"
"	"	"	19.8	−3.3 M	10 M	760913	
CRL 2059	18 01 49.0	−24 27 00	11	42 J	12 s	780106	770502
M8 #4	18 01 53	−24 27 54	69	2600 J	1.5 M	770207	
AFGL 2061	18 01 53	−28 06 42	8.6	−0.5 M	26 s	800213	AFGL
"	"	"	10.7	−1.7 M	26 s	"	"
"	"	"	11.0	−1.5 M	10 M	760913	
"	"	"	12.2	−1.7 M	26 s	800213	AFGL
9.7+0.7	18 02	−20 13	80	30000 XU	0.4 D	820213	ED
"	"	"	150	1.5E5 X	.37 D	"	"
AFGL 5191S	18 02 14	−16 57 06	11.0	−0.8 M	10 M	770706	
NGC 6537	18 02 15.5	−19 50 30	8.0	2.92 J	18 s	800610	739909
"	"	"	8.8	2.56 J	18 s	"	"
"	"	"	9.0	2300 G	7 s	811008	"
"	"	"	9.8	1.46 J	18 s	800610	"
"	"	"	10	3.63 J	18 s	"	"
"	"	"	10.5	13300 G	7 s	811008	"
"	"	"	10.5	17 J	22 s	720301	"
"	"	"	10.5	4 X	–	"	"
"	"	"	10.6	4.57 J	18 s	800610	"
"	"	"	11	5 J	11 s	720301	"
"	"	"	11	9.2 J	22 s	"	"
"	"	"	11	8.4 J	–	"	"
"	"	"	11.7	4.20 J	18 s	800610	"
"	"	"	12.7	4.00 J	18 s	"	"
"	"	"	12.8	2100 G	7 s	811008	"
"	"	"	20	21.2 J	18 s	800610	"
W31 #1	18 02 17	−20 04	69	500 J	1.5 M	771108	
AFGL 2062	18 02 36	−21 13 24	8.6	−0.5 M	–	800213	AFGL
"	"	"	10.7	−2.1 M	–	"	"
"	"	"	11.0	−1.6 M	10 M	760913	
"	"	"	12.2	−1.8 M	–	800213	AFGL
"	"	"	18	−2.5 M	–	"	"
"	"	"	19.8	−3.3 M	10 M	760913	
W30	18 02 36	−21 37	80	75000 W	0.5 D	740711	589903
"	"	"	85	1.1E5 J	30 M	731210	"
"	"	"	100	97000 J	30 M	"	"
"	"	"	100	1.2E5 W	0.5 D	740711	"
"	"	"	150	65000 W	0.5 D	"	"
HFE 48	18 02 43	−21 44	100	23000 J	12 M	711201	
FIR #11	18 02 49	−21 32	100	65000 X	15 M	800803	ED
"	"	"	180	2.7E5 X	30 M	"	"
AFGL 2063	18 02 54	−20 49 06	11.0	−1.0 M	10 M	760913	
M1-38	18 02 55.6	−28 40 54	10	0.43 JU	9 s	800610	769910
AFGL 5195S	18 03 28	+50 40 00	11.0	−1.0 M	10 M	770706	
AFGL 4234	18 03 32	+ 5 30 54	19.8	−3.5 M	10 M	760913	
AFGL 2064	18 03 54	+22 12 12	11.0	−0.7 M	10 M	"	
"	"	"	19.8	−2.4 M	10 M	"	
AFGL 2065	18 03 58	− 8 14 18	8.6	−0.4 M	26 s	800213	AFGL
"	"	"	10.7	−1.2 M	26 s	"	"
"	"	"	11.0	−1.2 M	10 M	760913	
AFGL 2066	18 04 01	− 4 54 12	19.8	−3.1 M	10 M	"	
AFGL 2067	18 04 04	− 9 41 48	8.4	−1.3 M	17 s	800213	AFGL
"	"	"	8.6	−1.9 M	26 s	"	"
"	"	"	10.7	−2.5 M	26 s	"	"
"	"	"	11.0	−2.1 M	10 M	760913	
"	"	"	11.2	−2.0 M	17 s	800213	AFGL
"	"	"	12.2	−2.7 M	26 s	"	"
"	"	"	12.5	−1.8 M	17 s	"	"
IRC-10396	18 04 05	− 9 42 12	8.4	−1.2 C	–	760610	IRC
"	"	"	11.2	−1.9 C	–	"	"
"	"	"	12.5	−1.8 C	–	"	"
AFGL 2069	18 04 28	−29 25 12	11.0	−1.5 M	10 M	760913	
AFGL 2070	18 04 45	+ 6 33 24	8.6	0.4 M	26 s	800213	AFGL
"	"	"	11.0	−0.9 M	10 M	760913	
"	"	"	19.8	−3.9 M	10 M	"	
W31 #2	18 04 47	−20 20	69	600 J	1.5 M	771108	
HD 165688	18 04 59.3	−19 24 24	8.6	4.4 M	V	750505	CSI 79
"	"	"	10	3.9 M	V	"	"
"	"	"	11.3	4.15 M	V	"	"
AFGL 2071	18 05 00	−22 15 36	8.4	−3.8 MV	17 s	800213	AFGL
"	"	"	8.6	−3.2 MV	–	"	"
"	"	"	10.7	−4.7 MV	–	"	"
"	"	"	11.0	−4.9 M	10 M	760913	
"	"	"	11.2	−4.5 MV	17 s	800213	AFGL
"	"	"	12.2	−4.6 MV	–	"	"
"	"	"	12.5	−4.4 MV	17 s	"	"
"	"	"	18	−5.5 MV	–	"	"
"	"	"	19.8	−5.8 M	10 M	760913	
VX SGR	18 05 00.9	−22 13 50	5	D	–	751103	CSI 79
"	"	"	5.0	−1.90 MV	–	720303	"
"	"	"	8	S	–	760609	"
"	"	"	8.3	S	–	720802	"
"	"	"	8.4	−2.1 CV	–	760610	"
"	"	"	8.6	−3.60 M	–	720202	"
"	"	"	10	−4.5 ME	–	740408	"
"	"	"	10.2	−4.65 M	–	720501	"
"	"	"	10.2	−4.13 MV	–	720303	"
"	"	"	10.5	S	1.7 s	800904	"
"	"	"	10.7	−5.02 M	–	720202	"
"	"	"	11.2	−3.3 CV	–	760610	"
"	"	"	12.2	−4.96 M	–	720202	"
"	"	"	12.5	−3.3 CV	–	760610	"
"	"	"	18	−5.6 M	–	720202	"
"	"	"	20	−5.43 M	9 s	731104	"
"	"	"	20	−6.1 M	–	720501	"
"	"	"	20	−6.00 M	–	821005	"
"	"	"	25	−6.15 M	–	"	"
"	"	"	33	−6.56 M	–	"	"
"	18 05 03.0	−22 13 56	10.1	−4.35 C	–	720001	
HFE 49	18 05 21	−20 20	100	47000 J	12 M	711201	
WX CRA	18 05 25.9	−37 20 28	5	5.08 M	–	781001	CSI 79
AFGL 2073S	18 05 26	−20 01 48	11.0	−0.8 M	10 M	770706	
HD 165763	18 05 28.7	−21 15 39	10	4.85 M	V	750505	CSI 79
AX SGR	18 05 31.9	−18 33 47	8.4	1.3 M	11 s	700906	CSI 79
"	"	"	8.4	1.87 M	–	710403	"
"	"	"	8.6	1.09 M	V	710701	"
"	"	"	8.6	1.3 M	–	740809	"
"	"	"	10.7	−0.5 M	–	"	"
"	"	"	10.8	−0.32 M	V	710701	"
"	"	"	11	−0.68 M	–	710403	"
"	"	"	11.0	−0.7 M	11 s	700906	"
"	"	"	12.2	−0.37 M	V	710701	"
"	"	"	12.2	−0.3 M	–	740809	"
"	"	"	17.5	−1.96 M	V	710701	"
"	"	"	18	−1.3 M	–	740809	"
"	"	"	20	−1.80 M	–	741002	"
W31 #3	18 05 39	−19 52	69	4000 J	1.5 M	771108	

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
PP HER	h m s 18 05 56	° ′ ″ +36 21 22	8.6	3.23 M	–	731203	GCVS
"	"	"	11.3	2.43 M	–	"	"
10.4–0.2	18 06	−20 03	80	3.4E5 X	0.4 D	820213	ED
"	"	"	150	3.9E5 X	.37 D	"	"
W31	18 06 00	−20 11	80	1.3E5 W	0.5 D	740711	589903
"	"	"	85	1.4E5 J	30 M	731210	"
"	"	"	100	1.6E5 J	30 M	"	"
"	"	"	100	1.5E5 W	0.5 D	740711	"
"	"	"	150	95000 W	0.5 D	"	"
AFGL 2074	18 06 01	−18 13 12	11.0	−1.1 M	10 M	760913	
AFGL 4235	18 06 02	−20 06 12	11.0	−1.9 M	10 M	"	
"	"	"	19.8	−5.1 M	10 M	"	
W31 #4	18 06 03	−20 05	69	5000 J	1.5 M	771108	
AFGL 2076	18 06 11	−27 40 48	11.0	−1.8 M	10 M	760913	
AFGL 2077	18 06 19	+42 13 48	8.4	0.6 M	17 s	800213	AFGL
"	"	"	11.0	−0.9 M	10 M	760913	
"	"	"	11.2	−0.3 M	17 s	800213	AFGL
"	"	"	12.5	−0.3 M	17 s	"	"
W31 #6	18 06 24	−20 08	69	1000 J	1.5 M	771108	
W31 #5	18 06 24	−20 20	69	12000 J	1.5 M	"	
AFGL 2078	18 06 24	−20 20 06	11.0	−3.3 M	10 M	760913	
"	"	"	19.8	−6.2 M	10 M	"	
W31	18 06 31.1	−20 20 10	8.8	−16.0 R	29 s	760910	
"	"	"	9.8	−16.3 R	29 s	"	
"	"	"	10	−24.3 L	29 s	770503	
"	"	"	10	−15.8 R	29 s	760910	
"	"	"	10.6	−15.9 R	29 s	"	
"	"	"	11.7	−15.9 R	29 s	"	
"	"	"	12.6	−15.7 R	29 s	"	
"	"	"	20	−23.7 L	29 s	770503	
AFGL 5199S	18 06 50	−24 04 12	11.0	−1.4 M	10 M	770706	
FIR10.70–0.17	18 06 52.1	−19 46 00	70	1200 J	1.3 M	820104	
FIR #12	18 06 58	−20 01	100	1.5E5 X	15 M	800803	ED
"	"	"	180	3.2E5 X	30 M	"	"
AFGL 2081S	18 07 04	−23 34 42	11.0	−1.3 M	10 M	770706	
AFGL 5200S	18 07 07	−24 10 36	11.0	−1.1 M	10 M	"	
T HER	18 07 12.6	+31 00 40	8.6	3.0 M	–	721203	779907
"	"	"	8.7	1.84 M	–	810406	"
"	"	"	10	1.68 M	–	"	"
"	"	"	11.3	1.9 M	–	721203	"
"	"	"	11.4	1.55 M	–	810406	"
"	"	"	12.6	1.53 M	–	"	"
"	"	"	19.5	1.38 M	–	"	"
AFGL 2082	18 07 22	−26 52 00	8.6	0.3 M	–	800213	AFGL
"	"	"	10.7	−0.9 M	–	"	"
"	"	"	12.2	−0.9 M	–	"	"
G10.6–0.4	18 07 31	−19 58	69	14000 J	1.5 M	780410	
W31 #7	"	"	69	14000 J	1.5 M	771108	
AFGL 5201S	18 07 35	− 6 52 24	11.0	−0.3 M	10 M	770706	
AFGL 2083	18 07 38	−10 33 30	8.6	−0.8 M	26 s	800213	AFGL
"	"	"	10.7	−1.6 M	26 s	"	"
"	"	"	11.0	−1.2 M	10 M	760913	
"	"	"	12.2	−0.6 M	26 s	800213	AFGL
"	"	"	19.8	−3.0 M	10 M	760913	
AFGL 2085	18 07 52	−20 24 30	11.0	−1.1 M	10 M	"	
IR 12.4+0.5	18 07 53.8	−17 57 10	69	2400 J	–	790311	
FIR12.41+0.50	18 07 56.2	−17 57 41	70	2400 J	1.3 M	820104	
AFGL 5204S	18 08 08	− 6 07 24	11.0	−1.1 M	10 M	770706	
AFGL 2086	18 08 23	−26 29 00	11.0	−2.6 M	10 M	760913	
FIR11.07–0.38	18 08 25.4	−19 32 48	70	500 J	1.3 M	820104	
CRL 2086	18 08 26.2	−26 30 03	5.0	32 J	–	760604	
"	"	"	8.8	420 J	–	"	
"	"	"	10.6	350 J	–	"	
"	"	"	10.6	76 J	–	"	
"	"	"	10.8	280 J	–	"	
"	"	"	11.6	330 J	–	"	
"	"	"	12.6	320 J	–	"	
FIR11.11–0.40	18 08 34.8	−19 31 20	70	1600 J	1.3 M	820104	
FIR12.84+0.54	18 08 40.0	−17 33 36	70	2700 J	1.3 M	"	
FIR12.89+0.48	18 08 58.4	−17 32 24	70	2400 J	1.3 M	"	
AFGL 2087	18 09 06	−18 53 36	11.0	−0.9 M	10 M	760913	
AFGL 2088	18 09 10	− 4 35 48	8.4	−0.7 M	17 s	800213	AFGL
"	"	"	8.6	−0.4 M	26 s	"	"
"	"	"	10.7	−1.1 M	26 s	"	"
"	"	"	11.0	−1.9 M	10 M	760913	
"	"	"	11.2	−1.2 M	17 s	800213	AFGL
"	"	"	12.2	−1.7 M	26 s	"	"
"	"	"	12.5	−1.5 M	17 s	"	"
"	"	"	19.8	−2.5 M	10 M	760913	
AFGL 5205S	18 09 10	−14 56 06	11.0	−1.0 M	10 M	770706	
CRL 2088	18 09 17.3	− 4 37 11	5.0	27 J	–	760605	
"	"	"	8.4	100 J	–	"	
"	"	"	8.8	95 J	–	"	
"	"	"	10.4	90 J	–	"	
"	"	"	10.6	90 J	–	"	
"	"	"	11.6	110 J	–	"	
"	"	"	12.6	100 J	–	"	
FIR12.78+0.33	18 09 17.4	−17 42 36	70	1700 J	1.3 M	820104	
NGC 6572	18 09 40.6	+ 6 50 25	88.4	16 XU	75 s	791008	
"	18 09 41.7	+ 6 50 37	7.00	3.8 WU	–	791205	739909
"	"	"	8	S	V	730706	"
"	"	"	8	S	4.7 s	820715	"
"	"	"	8	S	11 s	790409	"
"	"	"	8.4	0.31 F	–	720301	"
"	"	"	8.9	3 XU	6 s	710207	"
"	"	"	8.99	5.7 W	–	791205	"
"	"	"	9.0	5.2 X	V	730706	"
"	"	"	9.0	4700 G	6 s	811008	"
"	"	"	9.0	2 X	10 s	730603	"
"	"	"	9.0	11.9 J	11 s	790409	"
"	"	"	10.5	11200 G	6 s	811008	"
"	"	"	10.5	3 X	6 s	710207	"
"	"	"	10.5	7200 G	10 s	800409	"
"	"	"	10.5	30.1 J	11 s	790409	"
"	"	"	10.5	42 J	22 s	720301	"
"	"	"	10.5	9 X	–	"	"
"	"	"	10.5	10.6 W	–	791205	"
"	"	"	10.50	S	6 s	710207	"
"	"	"	11	25 J	11 s	720301	"
"	"	"	11	30 J	22 s	"	"
"	"	"	11	28 J	–	"	"
"	"	"	11.0	0.56 F	–	"	"
"	"	"	11.5	5 XU	6 s	710207	"
"	"	"	11.5	19 J	26 s	690705	"
"	"	"	12.8	10 XU	6 s	710207	"
"	"	"	12.8	2100 G	6 s	811008	"
"	"	"	12.8	2.9 WU	–	791205	"
"	"	"	16	S	30 s	810806	"

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
"	h m s	° ′ ″	18	1.2 F	–	720301	"
"	"	"	37	241 JV	27 s	800604	"
"	"	"	70	74 JV	27 s	"	"
FIR12.21–0.10	18 09 44.4	−18 25 04	70	3000 J	1.3 M	820104	
AFGL 5206S	18 09 45	+ 6 48 42	19.8	−3.1 M	10 M	770706	
HFE 50	18 09 46	−17 58	100	42000 J	12 M	711201	
AFGL 2089	18 09 52	+31 24 18	11.0	−0.8 M	10 M	760913	
"	"	"	19.8	−3.3 M	10 M	"	
FIR12.63–0.02	18 10 17.1	−18 00 44	70	600 J	1.3 M	820104	
W33	18 10 24	−18 00	80	1.7E5 W	0.5 D	740711	589903
"	"	"	85	72000 J	30 M	731210	"
"	"	"	100	76000 J	30 M	"	"
"	"	"	100	2.3E5 W	0.5 D	740711	"
"	"	"	150	1.3E5 W	0.5 D	"	"
MUU SGR	18 10 46.3	−21 04 24	10	2.98 M	11 s	770504	CSI 79
NGC 6567	18 10 48.2	−19 05 13	8.0	2.44 J	9 s	800610	739909
"	"	"	8.8	1.42 J	9 s	"	"
"	"	"	9.8	1.05 J	9 s	"	"
"	"	"	10	1.96 J	9 s	"	"
"	"	"	10.6	2.29 J	9 s	"	"
"	"	"	11.7	2.00 J	9 s	"	"
"	"	"	12.7	2.67 J	9 s	"	"
"	"	"	20	31.4 J	9 s	"	"
FIR12.70–0.17	18 10 58.6	−18 01 20	70	6900 J	1.3 M	820104	
FIR13.19+0.05	18 11 09.3	−17 29 20	70	5800 J	1.3 M	"	
FIR12.73–0.22	18 11 12.9	−18 01 00	70	2700 J	1.3 M	"	
AFGL 2090	18 11 16	−17 56 42	11.0	−2.2 M	10 M	760913	
"	"	"	19.8	−5.4 M	10 M	"	
AFGL 2092	18 11 17	−21 43 06	10.7	0.2 M	26 s	800213	AFGL
"	"	"	11.0	−1.5 M	10 M	760913	
"	"	"	19.8	−3.2 M	10 M	"	
FIR12.81–0.19	18 11 17.4	−17 56 16	70	55000 J	1.3 M	820104	
W33	18 11 18.1	−17 56 28	1000	132 J	65 s	800807	
"	18 11 18.1	−17 56 30	10	−24.6 L	V	740906	
W33 IRS3	18 11 18.1	−17 56 38	20	2.0 F	13 s	770104	
"	"	"	25	2.8 F	13 s	"	
"	"	"	33	2.7 F	13 s	"	
W33	18 11 18.3	−17 57 30	8.8	−16.3 R	V	760910	
"	"	"	9.8	−16.8 R	V	"	
"	"	"	10	−16.1 R	V	"	
"	"	"	10.6	−16.4 R	V	"	
"	"	"	11.7	−16.0 R	V	"	
"	"	"	12.6	−15.9 R	V	"	
G12.8–0.2	18 11 19	−17 57	6.99	6.8 X	27 s	811104	ED
"	"	"	8.99	0.69 X	11 s	"	"
"	"	"	10.51	0.97 X	15 s	"	"
"	"	"	12.81	20.3 X	15 s	"	"
"	"	"	18.71	8.84 X	30 s	"	"
W33 IRS2	18 11 19.0	−17 56 18	20	0.48 F	13 s	770104	
"	"	"	25	0.86 F	13 s	"	
"	"	"	33	0.88 F	13 s	"	
W33 IRS1	18 11 19.6	−17 56 54	20	0.84 F	13 s	"	
"	"	"	25	1.2 F	13 s	"	
"	"	"	33	0.94 F	13 s	"	
AFGL 5211S	18 11 22	+12 26 24	11.0	−0.6 M	10 M	770706	
FIR12.40–0.46	18 11 25.2	−18 25 36	70	500 J	1.3 M	820104	
FIR13.39+0.08	18 11 26.9	−17 17 52	70	900 J	1.3 M	"	
FIR13.88+0.29	18 11 40.8	−16 46 12	70	5100 J	1.3 M	"	
FIR #13	18 11 41	−18 00	180	3.8E5 X	30 M	800803	ED
W33 A	18 11 43.7	−17 53 02	20	0.85 F	13 s	770104	
"	"	"	25	1.8 F	13 s	"	
"	"	"	33	1.5 F	13 s	"	
"	"	"	1000	41 J	65 s	800807	
IR12.9–0.3	18 11 44.3	−17 53 02	8.7	8 J	9 s	790114	
"	"	"	9.5	8 J	9 s	"	
"	"	"	10.1	9 J	9 s	"	
"	"	"	11.2	5.5 J	9 s	"	
"	"	"	12.5	22 J	9 s	"	
"	"	"	20	50 J	9 s	"	
FIR12.91–0.26	18 11 44.8	−17 52 40	70	3800 J	1.3 M	820104	
AFGL 2094	18 11 47	−16 49 12	11.0	−1.4 M	10 M	760913	
"	"	"	19.8	−3.9 M	10 M	"	
FIR13.21–0.14	18 11 53.3	−17 33 36	70	1700 J	1.3 M	820104	
CRL 2096	18 11 59.2	−22 45 14	11	40 J	–	760605	
AFGL 2096	18 12 00	−22 47 48	11.0	−1.6 M	10 M	760913	
FIR13.01–0.36	18 12 17.8	−17 50 24	70	500 J	1.3 M	820104	
BD–10 4662	18 12 22.9	−10 14 54	8.7	4.83 M	–	740902	BD
"	"	"	11.4	4.32 M	–	"	"
AFGL 2097	18 12 33	+15 34 54	11.0	−0.7 M	10 M	760913	
FIR13.71–0.09	18 12 42.4	−17 05 56	70	500 J	1.3 M	820104	
AFGL 2098	18 12 43	+30 10 36	11.0	−1.1 M	10 M	760913	
FIR13.54–0.18	18 12 44.2	−17 17 28	70	600 J	1.3 M	820104	
FIR14.10+0.10	18 12 49.8	−16 39 44	70	700 J	1.3 M	"	
AFGL 2099S	18 12 56	+25 55 54	19.8	−2.9 M	10 M	770706	
SWST 1	18 12 58.8	−30 53 10	8	S	3.4 s	791104	769910
"	"	"	8	S	3.5 s	820715	739909
"	"	"	8.6	1.8 M	–	741009	769910
"	"	"	8.99	0.44 X	3.4 s	791104	"
"	"	"	10	0.8 M	–	741009	"
"	"	"	10.5	0.23 X	3.4 s	791104	"
"	"	"	10.8	0.9 M	–	741009	"
"	"	"	11.3	0.6 M	–	"	"
"	"	"	12.8	7.0 X	3.4 s	791104	"
"	"	"	18	−2.3 M	–	741009	"
W LYR	18 13 11.7	+36 39 12	8.7	2.15 M	–	810406	779907
"	"	"	10	2.03 M	–	"	"
"	"	"	11.4	1.93 M	–	"	"
"	"	"	12.6	2.00 M	–	"	"
"	"	"	19.5	1.98 M	–	"	"
NGC 6578	18 13 18.6	−20 28 04	10	0.66 J	9 s	800610	739909
"	"	"	20	3.77 J	9 s	"	"
AFGL 2101	18 13 25	−16 51 42	11.0	−1.8 M	10 M	760913	
"	"	"	19.8	−3.5 M	10 M	"	
FIR13.98–0.13	18 13 25.9	−16 52 40	70	1700 J	1.3 M	820104	
FIR14.01–0.12	18 13 27.9	−16 50 56	70	3600 J	1.3 M	"	
AFGL 2102	18 13 28	−17 40 36	8.6	−1.1 M	–	800213	AFGL
"	"	"	10.7	−1.7 M	–	"	"
"	"	"	11.0	−1.7 M	10 M	760913	
"	"	"	12.2	−1.8 M	–	800213	AFGL
"	"	"	18	−2.6 M	–	"	"
"	"	"	19.8	−3.2 M	10 M	760913	
AFGL 2103	18 13 30	−16 42 12	8.6	−1.3 M	–	800213	AFGL
"	"	"	10.7	−2.8 M	–	"	"
"	"	"	11.0	−2.4 M	10 M	760913	
"	"	"	12.2	−2.8 M	–	800213	AFGL
"	"	"	18	−3.3 M	–	"	"
"	"	"	19.8	−3.7 M	10 M	760913	
CRL 2104	18 13 37.0	−18 59 49	8	S	3.6 s	800911	760604
"	"	"	8.8	280 J	–	760604	
"	"	"	10.6	160 J	–	"	
"	"	"	10.6	190 J	–	"	
"	"	"	10.8	120 J	–	"	
"	"	"	11.6	150 J	–	"	
"	"	"	12.6	210 J	–	"	
AFGL 2104	18 13 41	−19 00 00	8.4	−1.3 MV	17 s	800213	AFGL
CRL 2104	"	"	8.4	−1.3 C	18 s	761210	"
AFGL 2104	"	"	11.0	−1.4 M	10 M	760913	
"	"	"	11.2	−1.4 MV	17 s	800213	AFGL
CRL 2104	"	"	11.2	−1.4 C	18 s	761210	"
AFGL 2104	"	"	12.5	−1.8 MV	17 s	800213	"
CRL 2104	"	"	12.5	−1.7 M	18 s	761210	"
AFGL 2104	"	"	19.8	−3.2 M	10 M	760913	
AFGL 2105	18 13 43	−16 12 00	11.0	−0.5 M	10 M	"	
"	"	"	19.8	−4.3 M	10 M	"	
FIR14.65+0.15	18 13 44.6	−16 09 28	70	3000 J	1.3 M	820104	
S 27 POS1	18 13 51	−19 45 00	125	60 JU	50 s	820203	ED
S 27 POS2	18 13 51	−19 46 00	125	60 JU	50 s	"	ED
S 27 POS3	18 13 51	−19 47 00	125	89 J	50 s	"	ED
FIR14.48+0.02	18 13 52.6	−16 22 08	70	600 J	1.3 M	820104	
S 27 POS4	18 13 56	−19 45 30	125	57 JU	50 s	820203	ED
S 27 POS5	18 13 56	−19 46 30	125	63 J	50 s	"	ED
S 27 POS6	18 13 56	−19 47 30	125	140 J	50 s	"	ED
FIR12.43–1.12	18 13 56.9	−18 42 59	70	2200 J	1.3 M	820104	
AFGL 2107	18 13 57	−18 40 48	11.0	−0.8 M	10 M	760913	
"	"	"	19.8	−3.7 M	10 M	"	
S 27 POS28	18 13 57	−19 48 10	100	139 J	37 s	820203	ED
S 27 POS7	18 13 58	−19 48 20	125	188 J	50 s	"	ED
S 27 POS8	18 13 58	−19 54 20	125	297 J	50 s	"	ED
S 27 POS9	18 14 00	−19 46 20	125	60 JU	50 s	"	ED
S 27 POS10	18 14 00	−19 47 20	125	296 J	50 s	"	ED
S 27 POS29	18 14 00	−19 47 30	100	320 J	37 s	"	ED
S 27 POS11	18 14 00	−19 48 00	125	437 J	50 s	"	ED
S 27 POS30	18 14 00	−19 48 10	100	320 J	37 s	"	ED
S 27 POS31	18 14 00	−19 49 10	100	98 J	37 s	"	ED
S 27 POS12	18 14 02	−19 48 20	125	468 J	50 s	"	ED
S 27 POS13	18 14 02	−19 50 00	125	112 J	50 s	"	ED
S 27 POS14	18 14 02	−19 53 20	125	302 J	50 s	"	ED
S 27 POS15	18 14 02	−19 55 00	125	205 J	50 s	"	ED
AFGL 4236	18 14 03	+31 36 18	19.8	−3.9 M	10 M	760913	
AFGL 2108	18 14 05	−12 11 36	11.0	−1.4 M	10 M	"	
S 27 POS32	18 14 05	−19 48 10	100	150 J	37 s	820203	ED
S 27 POS16	18 14 06	−19 47 20	125	192 J	50 s	"	ED
S 27 POS17	18 14 06	−19 49 00	125	120 J	50 s	"	ED
S 27 POS18	18 14 06	−19 50 40	125	140 J	50 s	"	ED
S 27 POS19	18 14 06	−19 52 20	125	116 J	50 s	"	ED
S 27 POS20	18 14 06	−19 54 00	125	287 J	50 s	"	ED
S 27 POS21	18 14 06	−19 55 40	125	112 J	50 s	"	ED
FIR14.44–0.07	18 14 06.6	−16 26 40	70	3300 J	1.3 M	820104	
FIR14.60+0.02	18 14 06.7	−16 15 36	70	4600 J	1.3 M	"	
AFGL 2109	18 14 07	−16 27 24	11.0	−1.1 M	10 M	760913	
"	"	"	19.8	−3.0 M	10 M	"	
S 27 POS22	18 14 10	−19 48 00	125	88 J	50 s	820203	ED
S 27 POS23	18 14 10	−19 49 40	125	123 J	50 s	"	ED
S 27 POS24	18 14 10	−19 53 00	125	183 J	50 s	"	ED
S 27 POS25	18 14 10	−19 54 40	125	129 J	50 s	"	ED
S 27 POS26	18 14 14	−19 48 40	125	76 J	50 s	"	ED
S 27 POS27	18 14 14	−19 53 40	125	86 J	50 s	"	ED
ETA SGR	18 14 14.6	−36 46 40	8.0	−1.57 M	9 s	800610	CSI 79
"	"	"	8.4	−1.55 M	–	730002	"
"	"	"	8.78	−1.61 M	9 s	800610	"
"	"	"	9.78	−1.67 M	9 s	"	"
"	"	"	10	−1.67 M	9 s	"	"
"	"	"	10.2	−1.66 M	–	730002	"
"	"	"	10.60	−1.69 M	9 s	800610	"
"	"	"	11.2	−1.70 M	–	730002	"
"	"	"	11.67	−1.75 M	9 s	800610	"
"	"	"	12.69	−1.78 M	9 s	"	"
"	"	"	20	−1.80 M	9 s	"	"
HFE 51	18 14 17	−16 22	100	41000 J	12 M	711201	
FIR14.47–0.11	18 14 18.6	−16 26 16	70	2200 J	1.3 M	820104	
FIR13.66–0.60	18 14 29.6	−17 23 12	70	900 J	1.3 M	"	
FIR14.92+0.07	18 14 33.3	−15 57 24	70	400 J	1.3 M	"	
AFGL 2110	18 14 42	−22 15 06	11.0	−1.7 M	10 M	760913	
HFE 52	18 14 44	−15 53	100	26000 J	12 M	711201	
CRL 2110	18 14 44.6	−22 15 40	11	40 J	–	760605	
AFGL 2111S	18 14 56	+36 42 48	11.0	−0.8 M	10 M	770706	
W35 #2	18 14 58	−11 43 34	10	0.8 MU	10 s	760109	
AM HER	18 14 59	+49 50 51	5	10.5 MU	–	820606	GCVS
"	"	"	5.5	8.5 MV	–	800701	"
"	"	"	10	8.4 MU	–	820606	"
"	"	"	10	6.1 MV	–	800701	"
"	"	"	20	4.8 MV	–	"	"
18.4+1.8	18 15	−12 05	80	2.9E5 X	0.4 D	820213	ED
"	"	"	150	4.9E5 X	.37 D	"	"
W35	18 15 00	−11 55	80	75000 W	0.5 D	740711	589903
"	"	"	100	15000 JU	12 M	711201	
"	"	"	150	65000 W	0.5 D	740711	589903
AFGL 2113	18 15 05	−11 46 48	11.0	−2.1 M	10 M	760913	
"	"	"	19.8	−4.2 M	10 M	"	
W35 #3	18 15 06	−11 42 14	10	0.2 M	10 s	760109	
RS TEL	18 15 06.9	−46 34 05	5	4.66 MV	–	781001	CSI 79
"	"	"	10	2.1 MU	–	730008	"
"	"	"	20	−2.8 MU	–	"	"
CN3–1	18 15 10.7	+10 08 02	10	4.1 M	11 s	741009	739909
"	"	"	18	0.1 M	11 s	"	"
FIR14.11–0.56	18 15 14.4	−16 58 28	70	350 J	1.3 M	820104	
W35 #4	18 15 16	−11 41 29	10	0.8 MU	10 s	760109	
M16 I	18 15 16	−13 47 04	70	910 J	1.3 M	820301	
FIR14.21–0.53	18 15 21.4	−16 52 00	70	1000 J	1.3 M	820104	
AFGL 2114	18 15 32	−13 28 24	8.4	0.4 M	17 s	800213	AFGL
"	"	"	11.2	0.1 M	17 s	"	"
"	"	"	12.5	0.1 M	17 s	"	"
M16 III	18 15 35	−13 44 24	70	1270 J	1.3 M	820301	
AFGL 2115	18 15 35	−15 21 30	11.0	−0.5 M	10 M	760913	
CRL 2118	18 15 38.2	− 6 53 01	11	70 J	–	760605	
AFGL 2116	18 15 41	+17 58 36	11.0	−1.2 M	10 M	760913	
AFGL 2118	18 15 42	− 6 55 00	8.6	−0.2 M	26 s	800213	AFGL
"	"	"	10.7	−1.2 M	26 s	"	"
"	"	"	11.0	−1.0 M	10 M	760913	
"	"	"	12.2	−1.2 M	26 s	800213	AFGL
AFGL 2117	18 15 43	−13 46 24	11.0	−1.9 M	10 M	760913	
"	"	"	19.8	−5.4 M	10 M	"	
FIR15.19–0.15	18 15 53.6	−15 49 52	70	600 J	1.3 M	820104	
HFE 53	18 15 55	−16 08	100	2.2E5 J	12 M	711201	
FIR14.33–0.64	18 15 59.2	−16 48 48	70	2200 J	1.3 M	820104	
17.1+0.9	18 16	−13 39	80	3.8E5 X	0.4 D	820213	ED

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
"	h m s	° ′ ″	150	1.6E5 X	.37 D	"	"
M16 II	18 16 04	−13 54 30	70	820 J	1.3 M	820301	
AFGL 2119	18 16 06	−13 57 48	11.0	−2.0 M	10 M	760913	
"	"	"	19.8	−2.6 M	10 M	"	
M16	18 16 07	−13 50	80	1.3E5 W	0.5 D	740711	RNGC
"	"	"	100	10000 JU	12 M	711201	
"	"	"	150	95000 W	0.5 D	740711	RNGC
AFGL 2120S	18 16 12	−11 41 54	11.0	−0.9 M	10 M	770706	
"	"	"	19.8	−2.8 M	10 M	"	
FIR14.89-0.39	18 16 12.2	−16 12 16	70	600 J	1.3 M	820104	
AFGL 5220S	18 16 13	+60 44 18	19.8	−3.2 M	10 M	770706	
AFGL 2121S	18 16 17	−20 45 06	19.8	−3.3 M	10 M	"	
HD 168206	18 16 19.7	−11 39 14	8.6	3.8 M	V	750505	CSI 79
"	"	"	8.7	3.74 M	7 S	761109	"
"	"	"	8.7	3.54 M	11 S	"	"
"	"	"	8.7	3.54 M	11 S	740907	"
"	"	"	10	3.3 M	V	750505	"
"	"	"	10.0	3.80 M	11 S	761109	"
"	"	"	10.0	3.80 M	11 S	740907	"
"	"	"	11.3	3.4 M	V	750505	"
"	"	"	11.4	3.84 M	7 S	761109	"
"	"	"	11.4	3.72 M	11 S	"	"
"	"	"	11.4	3.72 M	11 S	740907	"
CV SER	"	"	11.5	2.7 MV	–	770412	"
HD 168206	"	"	12.6	2.14 MU	11 S	740907	"
FIR14.43-0.69	18 16 22.3	−16 45 12	70	800 J	1.3 M	820104	
FIR14.63-0.59	18 16 24.1	−16 31 32	70	1200 J	1.3 M	"	
FIR #15	18 16 25	−13 50	180	2.7E5 X	30 M	800803	ED
AFGL 2122	18 16 25	−15 48 12	8.6	−0.4 M	–	800213	AFGL
"	"	"	10.7	−1.6 M	–	"	"
"	"	"	11.0	−1.3 M	10 M	760913	
"	"	"	12.2	−1.8 M	–	800213	AFGL
"	"	"	18	−2.5 M	–	"	"
HFE 54	18 16 36	−16 46	100	27000 J	12 M	711201	
HFE 55	18 16 53	−16 12	100	2.3E5 J	12 M	"	
AFGL 2123	18 17 05	−12 20 36	8.6	0.6 M	26 S	800213	AFGL
"	"	"	10.7	0.5 M	26 S	"	"
"	"	"	11.0	−0.5 M	10 M	760913	
FIR #14	18 17 12	−16 13	100	1.2E6 X	15 M	800803	ED
"	"	"	180	3.3E5 X	15 M	"	"
"	"	"	180	4.8E5 X	30 M	"	"
AFGL 5222S	18 17 17	−15 49 54	11.0	−0.8 M	10 M	770706	
M17 #6	18 17 23.3	−16 15 52	18.7	2.3 FU	2.7 M	790810	
M17 2'W	18 17 26	−16 13 24	51.8	40 XU	1 M	811107	ED
M17S #1	18 17 26.5	−16 13 25	8.1	−1 J	15 S	760101	
"	"	"	9.5	−2 J	15 S	"	
"	"	"	12.2	2 J	15 S	"	
"	"	"	19.6	−10 J	15 S	"	
M17 IRS	18 17 26.5	−16 14 54	5.0	3.1 M	17 S	731101	
"	"	"	10.6	0.7 M	17 S	"	
"	"	"	21	−2.4 M	17 S	"	
M17 IR	"	"	153	100 XU	1 M	820603	731101
M17 #12	18 17 26.9	−16 11 56	18.7	76.0 F	2.7 M	790810	
M17S #2	18 17 27.5	−16 13 25	8.1	7 J	15 S	760101	
"	"	"	9.5	1 J	15 S	"	
"	"	"	12.2	6 J	15 S	"	
"	"	"	19.6	6 J	15 S	"	
FIR15.02-0.67	18 17 28.0	−16 13 40	70	2.7E5 J	1.3 M	820104	
M17 #5	18 17 28.0	−16 14 28	18.7	27.3 F	2.7 M	790810	
M17 POS 13	18 17 28.4	−16 11 53	88	0.023 E	1.5 M	800608	ED
M17 POS 4	18 17 28.4	−16 13 23	18	0.016 E	1 M	"	ED
"	"	"	52	0.025 E	1.5 M	"	"
"	"	"	57	0.019 E	1.5 M	"	"
M17S #3	18 17 28.5	−16 13 25	8.1	9 J	15 S	760101	
"	"	"	9.5	7 J	15 S	"	
"	"	"	12.2	5 J	15 S	"	
"	"	"	19.6	31 J	15 S	"	
M17 A'	18 17 28.9	−16 14 00	69	1.2E5 J	1.5 M	790612	
M17	18 17 29.0	−16 14 00	119	8.6 XU	60 S	810705	
M17S #4	18 17 29.5	−16 13 25	8.1	14 J	15 S	760101	
"	"	"	9.5	17 J	15 S	"	
"	"	"	12.2	9 J	15 S	"	
"	"	"	19.6	82 J	15 S	"	
M17C	18 17 30	−16 01 30	30	171 J	1 M	791014	
"	"	"	50	325 J	1 M	"	
"	"	"	100	207 J	1 M	"	
M17 1'W,1'N	18 17 30	−16 12 24	57.3	170 X	1 M	811107	ED
M17 POS 1	18 17 30	−16 13	153	S	6.9 M	811106	ED
M17 1'W	18 17 30	−16 13 24	51.8	230 X	1 M	811107	ED
M17 POS 6	18 17 30.4	−16 14 23	18	0.025 E	1 M	800608	ED
"	"	"	52	0.019 E	1.5 M	"	"
"	"	"	57	0.01 E	1.5 M	"	"
M17 #11	18 17 30.5	−16 08 00	18.7	22.9 F	2.7 M	790810	
M17S #5	18 17 30.5	−16 13 25	8.1	33 J	15 S	760101	
"	"	"	9.5	22 J	15 S	"	
"	"	"	12.2	16 J	15 S	"	
"	"	"	19.6	136 J	15 S	"	
M17S	18 17 30.7	−16 14 34	51.8	1400 X	2.2 M	801012	
"	"	"	57.3	210 X	2.2 M	"	
"	"	"	88.4	610 X	2.2 M	"	
M17S #6	18 17 31.5	−16 13 25	8.1	82 J	15 S	760101	
"	"	"	9.5	45 J	15 S	"	
"	"	"	12.2	41 J	15 S	"	
"	"	"	19.6	251 J	15 S	"	
M17S #7	18 17 32.5	−16 13 25	8.1	94 J	15 S	"	
"	"	"	9.5	53 J	15 S	"	
"	"	"	12.2	57 J	15 S	"	
"	"	"	19.6	329 J	15 S	"	
M17S	18 17 32.7	−16 13 03	17	S	2.7 M	790810	
M17 #1	"	"	18.7	118.8 F	2.7 M	"	
M17S	"	"	18.7	1720 X	2.7 M	"	
M17S #8	18 17 33.5	−16 13 25	8.1	132 J	15 S	760101	
"	"	"	9.5	80 J	15 S	"	
"	"	"	12.2	85 J	15 S	"	
"	"	"	19.6	445 J	15 S	"	
IRC-10411	18 17 34	−14 08 24	8.7	0.84 M	–	790604	IRC
"	"	"	10.0	0.25 M	–	"	"
"	"	"	11.4	−0.06 M	–	"	"
"	"	"	12.6	−0.21 M	–	"	"
M17C	18 17 34	−16 01 30	30	191 J	1 M	791014	
"	"	"	50	860 J	1 M	"	
"	"	"	100	1247 J	1 M	"	
M17 2'N	18 17 34	−16 11 24	51.8	440 X	1 M	811107	ED
M17 1'N	18 17 34	−16 12 24	57.3	120 X	1 M	"	ED
M17S	18 17 34	−16 13 18	16	S	2.7 M	800805	721005
"	"	"	21	5000 J	1 M	721005	
M17	18 17 34	−16 13 24	51.3	S	1 M	811107	740908
"	"	"	51.8	910 X	1 M	"	"
"	"	"	57.3	190 X	1 M	"	"
"	"	"	76	1.4E5 J	5 M	740908	
"	"	"	93	1.1E5 J	5 M	"	
"	"	"	93	1.7E5 J	7 M	"	
"	"	"	93	1.4E5 J	8.4 M	"	
M17 IRE1	18 17 34	−16 13 30	12	4800 J	4.5 M	760403	
"	"	"	21	18000 J	4.5 M	"	
"	"	"	36	25000 J	2.3 M	"	
M17 1'S	18 17 34	−16 14 24	57.3	150 X	1 M	811107	ED
M17 2'S	18 17 34	−16 15 24	51.8	220 X	1 M	"	ED
M17 SOUTHERN	18 17 34.2	−16 13 20	5.0	1.41 F	21 S	730022	
"	"	"	5.0	1.7 FV	30 S	"	
"	"	"	10.2	7.3 F	21 S	"	
"	"	"	10.2	6.8 FV	30 S	"	
"	"	"	10.2	59 FV	120 S	"	
"	"	"	22	5.3 F	30 S	"	
M17 POS 14	18 17 34.4	−16 08 53	52	0.065 E	1.5 M	800608	ED
"	"	"	57	0.015 E	1.5 M	"	"
"	"	"	88	0.019 E	1.5 M	"	"
M17 POS 9	18 17 34.4	−16 10 23	18	0.052 E	1 M	"	ED
"	"	"	52	0.075 E	1.5 M	"	"
"	"	"	57	0.018 E	1.5 M	"	"
"	"	"	88	0.023 E	1.5 M	"	"
M17 POS 7	18 17 34.4	−16 11 53	18	0.036 E	1 M	"	ED
"	"	"	18.71	S	1 M	"	"
"	"	"	51.80	S	1.5 M	"	"
"	"	"	52	0.062 E	1.5 M	"	"
"	"	"	57	0.017 E	1.5 M	"	"
"	"	"	57.30	S	1.5 M	"	"
"	"	"	88	0.015 E	1.5 M	"	"
"	"	"	88.26	S	1.5 M	"	"
BD-16 4816	18 17 34.4	−16 13 23	5.0	0.14 F	4.5 S	730022	CSI 79
"	"	"	5.0	0.10 F	6 S	"	"
"	"	"	10.2	−0.22 F	4.5 S	"	"
"	"	"	10.2	−0.23 F	6 S	"	"
M17 POS 1	"	"	18	0.052 E	1 M	800608	"
"	"	"	18.71	S	1 M	"	"
BD-16 4816	"	"	22	−0.06 F	6 S	730022	"
M17 POS 1	"	"	33	0.014 E	1.5 M	800608	"
"	"	"	33.38	S	1.5 M	"	"
"	"	"	51.80	S	1.5 M	"	"
"	"	"	52	0.101 E	1.5 M	"	"
"	"	"	57	0.01 EU	1.5 M	"	"
"	"	"	57.30	S	1.5 M	"	"
"	"	"	88	0.030 E	1.5 M	"	"
"	"	"	88.26	S	1.5 M	"	"
M17 POS 2	18 17 34.4	−16 14 53	18	0.025 E	1 M	"	ED
"	"	"	52	0.047 E	1.5 M	"	"
"	"	"	57	0.009 E	1.5 M	"	"
"	"	"	88	0.014 E	1.5 M	"	"
M17 POS 3	18 17 34.4	−16 16 23	52	0.029 E	1.5 M	"	ED
"	"	"	57	0.014 E	1.5 M	"	"
M17	18 17 34.5	−16 13 24	63.2	120 X	75 S	791008	
"	"	"	88.0	S	75 S	"	
"	"	"	88.4	390 X	75 S	"	
M17S #9	18 17 34.5	−16 13 25	8.1	138 J	15 S	760101	
"	"	"	9.5	85 J	15 S	"	
"	"	"	12.2	86 J	15 S	"	
"	"	"	19.6	418 J	15 S	"	
M17	18 17 35	−16 11	400	7.3E5 X	8.4 M	710404	
"	18 17 35	−16 11 03	86	S	4.4 M	780407	
"	"	"	88.4	3300 X	4.4 M	"	
M17S #10	18 17 35.5	−16 13 25	8.1	92 J	15 S	760101	
"	"	"	9.5	69 J	15 S	"	
"	"	"	12.2	65 J	15 S	"	
"	"	"	19.6	318 J	15 S	"	
AFGL 2124	18 17 36	−16 12 48	11.0	−5.7 M	10 M	760913	
"	"	"	19.8	−8.1 M	10 M	"	
M17 #10	18 17 36.3	−16 09 08	18.7	48.8 F	2.7 M	790810	
M17S #11	18 17 36.5	−16 13 25	8.1	37 J	15 S	760101	
"	"	"	9.5	14 J	15 S	"	
"	"	"	12.2	29 J	15 S	"	
"	"	"	19.6	96 J	15 S	"	
M17 B'	18 17 37.3	−16 09 48	69	1.4E5 J	1.5 M	790612	
M17 #2	18 17 37.4	−16 11 40	18.7	49.1 F	2.7 M	790810	
M17 NORTHERN	18 17 37.5	−16 10 30	5.0	1.0 F	30 S	730022	
"	"	"	10.2	4.4 F	30 S	"	
"	"	"	10.2	43 F	120 S	"	
"	"	"	22	3.5 F	30 S	"	
M17S #12	18 17 37.5	−16 13 25	8.1	28 J	15 S	760101	
"	"	"	9.5	12 J	15 S	"	
"	"	"	12.2	12 J	15 S	"	
"	"	"	19.6	41 J	15 S	"	
FIR15.10-0.67	18 17 37.9	−16 09 04	70	1.3E5 J	1.3 M	820104	
M17C	18 17 38	−16 00 00	30	113 J	1 M	791014	
"	"	"	50	217 J	1 M	"	
"	"	"	100	986 J	1 M	"	
"	18 17 38	−16 01 00	30	195 J	1 M	"	
"	"	"	50	862 J	1 M	"	
"	"	"	100	1605 J	1 M	"	
"	18 17 38	−16 02 00	30	241 J	1 M	"	
"	"	"	50	768 J	1 M	"	
"	"	"	100	1700 J	1 M	"	
"	18 17 38	−16 03 00	30	201 J	1 M	"	
"	"	"	50	614 J	1 M	"	
"	"	"	100	1327 J	1 M	"	
"	18 17 38	−16 04 00	30	192 J	1 M	"	
"	"	"	50	457 J	1 M	"	
"	"	"	100	798 J	1 M	"	
M17 1'E,1'N	18 17 38	−16 12 24	57.3	28 XU	1 M	811107	ED
M17 1'E	18 17 38	−16 13 24	57.3	130 X	1 M	"	ED
M17 1'E,1'S	18 17 38	−16 14 24	57.3	200 X	1 M	"	ED
M17 C'	18 17 38.5	−16 03 12	69	20000 J	1.5 M	790612	
M17S #13	18 17 38.5	−16 13 25	8.1	9 J	15 S	760101	
"	"	"	9.5	7 J	15 S	"	
"	"	"	12.2	11 J	15 S	"	
"	"	"	19.6	36 J	15 S	"	
M17 #13	18 17 38.5	−16 14 12	18.7	72.1 F	2.7 M	790810	
M17S #14	18 17 39.5	−16 13 25	8.1	3 J	15 S	760101	
"	"	"	9.5	6 J	15 S	"	
"	"	"	12.2	1 J	15 S	"	
"	"	"	19.6	29 J	15 S	"	
FIR15.20-0.62	18 17 39.8	−16 02 32	70	25000 J	1.3 M	820104	
OH12.8-1.9	18 17 40	−18 48 37	8.2	110 J	15 S	821111	
"	"	"	9.6	110 J	15 S	"	
"	"	"	10.2	140 J	15 S	"	
"	"	"	12.2	100 J	15 S	"	
"	"	"	19.6	200 J	15 S	"	

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
M17 POS 10	18 h 17 m 40.4 s	−16 ° 10 ′ 23 ″	18	0.052 E	1 M	800608	ED
"	"	"	33	0.02 EU	1.5 M	"	"
"	"	"	52	0.092 E	1.5 M	"	"
"	"	"	57	0.024 E	1.5 M	"	"
"	"	"	88	0.024 E	1.5 M	"	"
M17 POS 11	18 17 40.4	−16 11 53	18	0.019 E	1 M	"	ED
"	"	"	52	0.044 E	1.5 M	"	"
"	"	"	57	0.016 E	1.5 M	"	"
"	"	"	88	0.011 E	1.5 M	"	"
M17 POS 5	18 17 40.4	−16 13 23	52	0.052 E	1.5 M	"	ED
"	"	"	57	0.017 E	1.5 M	"	"
M17C	18 17 42	−16 01 30	30	458 J	1 M	791014	
"	"	"	50	891 J	1 M	"	
"	"	"	100	1675 J	1 M	"	
M17 2'E	18 17 42	−16 13 24	51.8	250 X	1 M	811107	ED
M17N	18 17 42.0	−16 09 44	51.8	2200 X	2.2 M	801012	
"	"	"	57.3	330 X	2.2 M	"	
"	"	"	88.4	1010 X	2.2 M	"	
M17 #3	18 17 42.1	−16 10 16	18.7	51.7 F	2.7 M	790810	
M17 #14	18 17 44.4	−16 15 20	18.7	29.2 F	2.7 M	"	
M17N	18 17 45	−16 10 16	17	S	2.7 M	"	
"	"	"	18.7	1200 X	2.7 M	"	
M17C	18 17 46	−16 01 30	30	52 J	1 M	791014	
"	"	"	50	1037 J	1 M	"	
"	"	"	100	1037 J	1 M	"	
M17 POS 12	18 17 46.4	−16 11 53	18	0.010 E	1 M	800608	ED
"	"	"	18.71	S	1 M	"	
"	"	"	51.80	S	1.5 M	"	
"	"	"	52	0.025 E	1.5 M	"	
"	"	"	57	0.026 E	1.5 M	"	
"	"	"	57.30	S	1.5 M	"	
"	"	"	88	0.019 E	1.5 M	"	
"	"	"	88.26	S	1.5 M	"	
M17 #4	18 17 46.9	−16 08 52	18.7	24.2 F	2.7 M	790810	
AFGL 2126	18 17 47	−29 49 24	11.0	−1.0 M	10 M	760913	
M17 #7	18 17 48.0	−16 11 24	18.7	34.6 F	2.7 M	790810	
M17 NE	18 17 51	−16 11 25	88.4	190 X	75 S	791008	
NGC 6618	18 17 51	−16 12	5.0	2.99 M	–	700302	RNGC
M17	"	"	10	225 J	35 S	700904	"
NGC 6618	"	"	10.2	−0.57 M	–	700302	"
M17	"	"	34	8.3E5 W	0.5 D	740711	"
"	"	"	42	S	5 M	760409	"
"	"	"	45	S	6 M	770604	"
"	"	"	50.6	S	6 M	790112	"
"	"	"	51.8	10000 X	6 M	"	"
"	"	"	59	S	6 M	790111	"
"	"	"	80	5.8E5 W	0.5 D	740711	"
"	"	"	85	96000 J	30 M	731210	"
"	"	"	87	S	5 M	751101	"
"	"	"	88.2	2200 X	5 M	"	"
"	"	"	100	110 W	15 M	770612	"
"	"	"	100	57000 J	30 M	731210	"
"	"	"	130	2.3E5 W	0.5 D	740711	"
"	"	"	150	2.8E5 W	0.5 D	"	"
M17 CS	"	"	153	70 XU	1 M	820603	"
M17	"	"	200	18 W	15 M	770612	"
"	"	"	345	1.1E5 J	1.4 M	720103	"
"	"	"	350	470 J	63 S	730703	"
M17 POS 8	18 17 52.5	−16 11 53	18	0.047 E	1 M	800608	ED
"	"	"	52	0.058 E	1.5 M	"	"
"	"	"	57	0.017 E	1.5 M	"	"
"	"	"	88	0.022 E	1.5 M	"	"
M17 #8	18 17 53.8	−16 12 32	18.7	14.8 F	2.7 M	790810	
AFGL 2127	18 17 55	−13 48 12	8.4	−0.4 M	17 S	800213	AFGL
"	"	"	8.6	−0.1 M	26 S	"	"
"	"	"	10.7	−0.5 M	26 S	"	"
"	"	"	11.0	−1.2 M	10 M	760913	
"	"	"	11.2	−0.9 M	17 S	800213	AFGL
"	"	"	12.5	−1.1 M	17 S	"	"
M17 #9	18 17 59.6	−16 13 40	18.7	4.7 F	2.7 M	790810	
15.1–0.7	18 18	−16 10	80	1.2E6 X	0.4 D	820213	ED
"	"	"	150	6.0E5 X	.37 D	"	"
M17	18 18	−16 18	150	7.0E5 X	7 M	701103	
M17 D'	18 18 18	−16 09 30	69	10000 J	1.5 M	790612	
HD 168607	18 18 21.4	−16 23 57	8.4	2.56 M	–	710403	CSI 79
"	"	"	8.5	2.56 M	–	700805	"
"	"	"	8.7	2.56 M	–	780704	"
"	"	"	11	2.77 M	–	710403	"
"	"	"	11.4	2.77 M	–	780704	"
"	"	"	11.5	2.77 M	–	700805	"
HD 168625	18 18 26.1	−16 23 52	8.4	1.80 M	–	710403	CSI 79
"	"	"	8.5	1.80 M	–	700805	"
"	"	"	11	1.14 M	–	710403	"
"	"	"	11.5	1.14 M	–	700805	"
MWC 922	18 18 26.3	−13 03 06	18	−4.0 M	–	740708	740503
"	"	"	20	5.00 F	13 S	770902	"
"	"	"	25	2.73 F	13 S	"	"
CRL 2132	18 18 26.7	−13 02 52	5.0	60 J	–	760604	
"	"	"	10.6	270 J	–	"	
AFGL 2132	18 18 29	−13 04 18	8.4	−1.6 M	17 S	800213	AFGL
CRL 2132	"	"	8.4	−1.6 C	18 S	761210	"
AFGL 2132	"	"	8.6	−1.5 M	8.5 S	800213	"
"	"	"	11.0	−2.0 M	10 M	760913	
"	"	"	11.2	−2.3 M	17 S	800213	AFGL
CRL 2132	"	"	11.2	−2.3 C	18 S	761210	"
AFGL 2132	"	"	11.3	−2.0 M	8.5 S	800213	"
"	"	"	12.5	−2.7 M	17 S	"	"
CRL 2132	"	"	12.5	−2.7 C	18 S	761210	"
AFGL 2132	"	"	18	−4.4 M	8.5 S	800213	"
"	"	"	19.8	−4.4 M	10 M	760913	
AFGL 2133	18 18 31	+31 43 06	11.0	−1.0 M	10 M	"	
AFGL 5226S	18 19 20	−14 40 48	11.0	−0.5 M	10 M	770706	
"	"	"	19.8	−2.3 M	10 M	"	
CRL 2135	18 19 27.5	−27 08 03	5.0	870 J	–	760604	
"	"	"	8.8	690 J	–	"	
"	"	"	10.6	500 J	–	"	
"	"	"	10.6	1200 J	–	"	
"	"	"	10.8	540 J	–	"	
"	"	"	11.6	520 J	–	"	
"	"	"	12.6	410 J	–	"	
FIR #16	18 19 29	−14 21	180	2.7E5 X	30 M	800803	ED
AFGL 2135	18 19 32	−27 03 48	11.0	−2.3 M	10 M	760913	
AFGL 2136	18 19 34	−13 31 54	7.9	−1.5 M	17 S	800213	AFGL
"	"	"	8.4	−0.7 M	17 S	"	"
"	"	"	8.5	−0.8 M	17 S	"	"
"	"	"	8.6	−0.3 M	26 S	"	"
"	"	"	10.55	−0.2 M	17 S	"	"
"	"	"	10.7	−0.2 M	26 S	"	"
"	"	"	11.0	−1.7 M	10 M	760913	
"	"	"	11.09	−0.9 M	17 S	800213	AFGL
"	"	"	11.2	−0.9 M	17 S	"	"
"	"	"	11.94	−1.8 M	17 S	"	"
"	"	"	12.2	−1.4 M	26 S	"	"
"	"	"	12.5	−1.9 M	17 S	"	"
"	"	"	12.52	−2.1 M	17 S	"	"
"	"	"	18	−3.3 M	26 S	"	"
"	"	"	19.8	−3.8 M	10 M	760913	
CRL 2136	18 19 39.3	−13 31 18	11	40 J	–	760605	
IRC+50278	18 19 43	+50 29 54	10.7	0.6 M	–	740705	IRC
16.4–0.6	18 20	−14 59	80	50000 X	0.4 D	820213	ED
"	"	"	150	1.9E5 X	.37 D	"	"
AFGL 2139	18 20 25	−13 42 54	8.4	−1.5 M	17 S	800213	AFGL
"	"	"	8.6	−1.3 M	26 S	"	"
"	"	"	10.7	−2.6 M	26 S	"	"
"	"	"	11.0	−2.6 M	10 M	760913	
"	"	"	11.2	−3.0 M	17 S	800213	AFGL
"	"	"	12.2	−2.4 M	26 S	"	"
"	"	"	12.5	−3.1 M	17 S	"	"
"	"	"	19.8	−3.7 M	10 M	760913	
IRC–10414	18 20 28	−13 44 06	8.4	−1.7 C	–	760610	IRC
"	"	"	11.2	−3.2 C	–	"	"
"	"	"	12.5	−3.2 C	–	"	"
NGC 6624	18 20 28	−30 23 14	10	0.3 FU	15 S	770103	
AFGL 2140S	18 20 29	+50 42 24	19.8	−3.0 M	10 M	770706	
FR SCT	18 20 34.0	−12 42 27	8.4	1.13 M	–	710403	739903
"	"	"	10	1.54 M	–	730013	"
"	"	"	11	0.70 M	–	710403	"
20.8+1.5	18 21	−10 06	80	1.2E5 X	0.4 D	820213	ED
"	"	"	150	2.3E5 X	.37 D	"	"
GU SGR	18 21 11.6	−24 16 51	5	4.27 M	–	781001	CSI 79
"	"	"	10	3.0 M	–	730008	"
"	"	"	20	1.4 M	–	"	"
IRC 00349	18 21 23	+ 3 35 30	8.6	0.0 M	–	740705	IRC
"	"	"	10	−0.2 M	–	"	"
"	"	"	10.7	0.4 M	–	"	"
AFGL 2142	18 21 28	+ 3 35 42	8.6	0.0 M	26 S	800213	AFGL
"	"	"	10.6	−0.2 M	26 S	"	"
"	"	"	10.7	0.4 M	26 S	"	"
"	"	"	11.0	−0.6 M	10 M	760913	
"	"	"	19.8	−3.1 M	10 M	"	
AFGL 2145	18 21 33	+21 43 48	11.0	−1.6 M	10 M	"	
AFGL 2143	18 21 33	−16 15 24	11.0	−1.4 M	10 M	"	
"	"	"	19.8	−3.3 M	10 M	"	
AFGL 2143.1	–	–	8.6	−0.1 M	26 S	800213	ED
"	–	–	10.7	0.2 M	26 S	"	"
"	–	–	12.2	−0.7 M	26 S	"	"
19.2+0.4	18 22	−12 02	80	4.5E5 X	0.4 D	320213	ED
"	"	"	150	3.0E5 X	.37 D	"	"
17.4–0.6	18 22	−14 06	80	1.2E5 X	0.4 D	"	ED
"	"	"	150	1.0E5 X	.37 D	"	"
AFGL 2147	18 22 08	−13 16 06	11.0	−2.3 M	10 M	760913	
"	"	"	19.8	−4.0 M	10 M	"	
AFGL 2148	18 22 12	+39 33 06	11.0	0.0 M	10 M	"	
AFGL 2149	18 22 15	−20 31 00	19.8	−3.4 M	10 M	"	
HD 169454	18 22 24.9	−14 00 24	8.7	3.55 M	–	780704	CSI 79
"	"	"	8.7	3.55 M	–	741105	"
"	"	"	10	3.46 M	11 S	770504	"
"	"	"	11.4	3.62 M	–	741105	"
FIR #17	18 22 27	−12 35	100	2.7E5 X	15 M	800803	ED
"	"	"	180	3.2E5 X	30 M	"	"
NGC 6629	18 22 41.2	−23 13 45	10.5	4 JU	22 S	720301	739909
"	"	"	10.5	1.3 XU	–	"	"
"	"	"	11	1.5 JU	11 S	"	"
"	"	"	11	1.5 JU	–	"	"
AFGL 4237	18 22 42	−13 18 00	11.0	−1.6 M	10 M	760913	
RY SCT	18 22 42.6	−12 43 07	5.0	4.26 M	–	700302	CSI 79
"	"	"	8.7	1.06 M	–	791202	"
"	"	"	10	0.17 M	–	"	"
"	"	"	10.2	0.46 M	–	700302	"
"	"	"	11.4	−0.36 M	–	791202	"
"	"	"	12.8	−0.32 M	–	"	"
"	"	"	19.5	−0.71 M	–	"	"
"	"	"	22.0	−0.06 M	–	700302	"
AFGL 5235S	18 22 44	−12 43 06	11.0	−0.8 M	10 M	770706	
18.2–0.4	18 23	−13 18	80	1.0E5 X	0.4 D	820213	ED
"	"	"	150	1.7E5 X	.37 D	"	"
AFGL 2150	18 23 02.2	+ 5 44 16	10.6	−1.1 M	–	790106	
"	18 23 07	+ 5 43 48	11.0	−1.4 M	10 M	760913	
W39	18 23 24	−12 40	80	85000 W	0.5 D	740711	589903
"	"	"	150	65000 W	0.5 D	"	"
AFGL 2151	18 23 26	−22 05 30	11.0	−1.5 M	10 M	760913	
AFGL 2152	18 23 39	−11 51 18	11.0	−1.5 M	10 M	"	
AFGL 2154	18 23 52	− 6 55 30	11.0	−1.9 M	10 M	"	
"	"	"	19.8	−2.8 M	10 M	"	
AFGL 2153	18 23 52	−12 26 48	11.0	−0.9 M	10 M	"	
"	"	"	19.8	−3.7 M	10 M	"	
CRL 2154	18 23 57.0	− 6 55 35	5.0	380 J	–	760604	
"	"	"	8.8	400 J	–	"	
"	"	"	10.6	360 J	–	"	
"	"	"	10.6	440 J	–	"	
"	"	"	10.8	230 J	–	"	
"	"	"	11.6	410 J	–	"	
"	"	"	12.6	310 J	–	"	
22.4+1.6	18 24	− 8 39	80	30000 XU	0.4 D	820213	ED
"	"	"	150	1.7E5 X	.37 D	"	"
CRL 2155	18 24 00.4	+23 26 50	5.0	80 J	–	760604	
"	"	"	8.8	350 J	–	"	
"	"	"	10.6	280 J	–	"	
"	"	"	10.6	270 J	–	"	
"	"	"	10.8	470 J	–	"	
"	"	"	11.6	410 J	–	"	
"	"	"	12.6	340 J	–	"	
AFGL 2155	18 24 04	+23 27 42	11.0	−2.7 M	10 M	760913	
"	"	"	19.8	−3.6 M	10 M	"	
AFGL 2157	18 24 22	−12 42 00	11.0	−1.5 M	10 M	"	
"	"	"	19.8	−3.3 M	10 M	"	
CRL 2161	18 24 29.3	−12 01 36	11	200 J	12 S	780106	770502
AFGL 2160	18 24 39	+10 50 36	19.8	−3.1 M	10 M	760913	
AFGL 2161	18 24 47	−12 00 00	11.0	−1.1 M	10 M	"	
"	"	"	19.8	−3.8 M	10 M	"	
AFGL 2162	18 24 47	−12 28 30	8.6	−0.4 M	26 S	800213	AFGL
"	"	"	10.7	−1.8 M	26 S	"	"
"	"	"	11.0	−2.2 M	10 M	760913	
"	"	"	12.2	−1.6 M	26 S	800213	AFGL
"	"	"	19.8	−3.3 M	10 M	760913	
UY SCT	18 24 48.0	−12 30 02	8.4	−0.43 C	–	710405	CSI 79

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
"	h m s	° ′ ″	8.4	−0.43 M	–	710403	"
"	"	"	11	−2.39 M	–	"	"
"	"	"	11.0	−2.39 C	–	710405	"
"	"	"	20	−3.51 M	–	741002	"
AFGL 2165	18 24 59	− 3 51 30	8.6	−0.8 M	26 S	800213	AFGL
"	"	"	10.7	−1.2 M	26 S	"	"
"	"	"	11.0	−2.1 M	10 M	760913	
"	"	"	12.2	−1.4 M	26 S	800213	AFGL
"	"	"	19.8	−3.2 M	10 M	760913	
AFGL 2164	18 24 59	− 8 42 36	11.0	−0.9 M	10 M	"	
CRL 2165	18 25 00.9	− 3 51 29	5.0	130 J	–	760605	
"	"	"	8.4	130 J	–	"	
"	"	"	8.8	120 J	–	"	
"	"	"	10.4	50 J	–	"	
"	"	"	10.6	70 J	–	"	
"	"	"	12.6	80 J	–	"	
MWC 297	18 25 00.9	− 3 51 39	20	−2.46 M	–	741002	771005
AFGL 5237S	18 25 05	−16 45 24	11.0	−1.0 M	10 M	770706	
AFGL 2166	18 25 11	−13 04 06	8.6	1.7 M	26 S	800213	AFGL
"	"	"	10.7	−0.8 M	26 S	"	"
"	"	"	11.0	−0.9 M	10 M	760913	
"	"	"	12.2	−0.7 M	26 S	800213	AFGL
FIR #18	18 25 22	−11 02	180	2.2E5 X	30 M	800803	ED
OH21.5+0.5	18 25 45.5	−10 00 14	8.7	30 J	9 S	800709	771109
"	"	"	8.7	12 JV	9 S	771109	
"	"	"	9.5	9 J	9 S	800709	771109
"	"	"	9.5	3.5 JV	9 S	771109	
"	"	"	10.1	18 J	9 S	800709	771109
"	"	"	10.1	13 JV	9 S	771109	
"	"	"	11.2	5.4 JV	9 S	"	
"	"	"	11.2	10 J	9 S	800709	771109
"	"	"	12.5	48 J	9 S	"	"
"	"	"	12.5	30 JV	9 S	771109	
"	"	"	20	33 JV	9 S	"	
"	"	"	30	120 J	30 S	800709	771109
"	"	"	50	110 J	30 S	"	"
AFGL 2168	18 26 15	−11 34 42	8.6	−0.1 M	26 S	800213	AFGL
"	"	"	10.7	−1.0 M	26 S	"	"
"	"	"	11.0	−1.0 M	10 M	760913	
"	"	"	19.8	−2.8 M	10 M	"	
AFGL 5242S	18 26 26	+ 6 16 54	11.0	−0.3 M	10 M	770706	
AFGL 2169	18 26 30	−10 55 12	11.0	−2.3 M	10 M	760913	
"	"	"	19.8	−3.9 M	10 M	"	
AFGL 2170S	18 26 38	− 6 06 18	10.6	−0.9 M	8.5 S	800213	770706
"	"	"	11.0	−1.3 M	10 M	770706	
"	"	"	18	−1.7 M	8.5 S	800213	770706
MWC 300	18 26 41	− 6 07	20	−2.51 M	–	741002	MWC
AFGL 5244S	18 27 05	+16 11 06	11.0	−1.7 M	10 M	770706	
AFGL 2171	18 27 07	+82 35 54	8.6	−0.4 MV	26 S	800213	AFGL
"	"	"	10.7	−1.3 MV	26 S	"	"
"	"	"	11.0	−1.2 M	10 M	760913	
"	"	"	12.2	−1.2 MV	26 S	800213	AFGL
"	"	"	19.8	−3.1 M	10 M	760913	
SERPENS OBJ.	18 27 24.5	+ 1 12 40	8.4	2.4 C	35 S	740706	
"	"	"	11.1	1.4 C	35 S	"	
"	"	"	12.6	0.9 C	35 S	"	
SERPENS DC	18 27 25	+ 1 12 40	70	600 J	3.0 M	821112	
"	"	"	80	880 J	4.5 M	"	
"	"	"	130	1400 J	3.0 M	"	
"	"	"	150	1100 J	4.5 M	"	
23.0+0.8	18 28	− 8 30	80	80000 X	0.4 D	820213	ED
"	"	"	150	1.7E5 X	.37 D	"	"
20.2−0.8	18 28	−11 43	80	1.0E5 X	0.4 D	"	ED
"	"	"	150	3.3E5 X	.37 D	"	"
AC HER	18 28 08.9	+21 49 52	8.4	0.6 M	11 S	700906	CSI 79
"	"	"	8.6	0.8 M	–	721203	"
"	"	"	10.8	0.1 M	–	"	"
"	"	"	11.0	−0.1 M	11 S	700906	"
"	"	"	11.3	−0.2 M	–	721203	"
"	"	"	12.8	−0.4 M	–	"	"
"	"	"	18	−2.0 M	–	"	"
"	"	"	20	−1.8 M	–	"	"
"	"	"	20	−1.97 M	–	741002	"
"	"	"	22	−2.0 M	–	721203	"
3C 380	18 28 13.4	+48 42 39	1570	19 JU	1 M	761201	769906
NOVA SER 1970	18 28 17	+ 2 34 40	5	−15.0 RE	–	700804	GCVS
"	"	"	10	−15.5 RE	–	"	"
"	"	"	10.1	−2.52 MV	–	700604	"
"	"	"	22	−16.5 RE	–	700804	"
AFGL 2174	18 28 18	− 9 45 12	11.0	−1.1 M	10 M	760913	
"	"	"	19.8	−3.1 M	10 M	"	
AFGL 2174.2	–	–	7.9	0.4 M	17 S	800213	ED
"	–	–	8.5	0.4 M	17 S	"	"
"	–	–	8.6	0.8 M	26 S	"	"
"	–	–	10.55	−0.5 M	17 S	"	"
"	–	–	10.7	−0.1 M	26 S	"	"
"	–	–	11.09	−0.6 M	17 S	"	"
"	–	–	11.94	−1.0 M	17 S	"	"
"	–	–	12.2	−0.1 M	26 S	"	"
"	–	–	12.52	−0.9 M	17 S	"	"
CRL 2174	18 28 28.5	− 9 47 02	11	40 J	–	760605	
AFGL 2176S	18 28 44	+12 49 36	19.8	−3.2 M	10 M	770706	
AFGL 2177	18 28 47	− 2 07 36	11.0	−2.9 M	10 M	760913	
"	"	"	19.8	−5.5 M	10 M	"	
"	18 28 47.7	− 2 07 42	10.6	0.0 M	–	790106	
AFGL 2178	18 28 50	− 8 38 12	8.4	−1.3 M	17 S	800213	AFGL
CRL 2178	"	"	8.4	−1.2 C	18 S	761210	"
AFGL 2178	"	"	11.0	−2.3 M	10 M	760913	
"	"	"	11.2	−1.7 M	17 S	800213	AFGL
CRL 2178	"	"	11.2	−1.7 C	18 S	761210	"
AFGL 2178	"	"	12.5	−2.0 M	17 S	800213	"
CRL 2178	"	"	12.5	−1.9 C	18 S	761210	"
"	18 28 54	− 8 38	5.0	80 J	–	760604	
"	"	"	8.8	320 J	–	"	
"	"	"	10.6	360 J	–	"	
"	"	"	10.6	190 J	–	"	
"	"	"	10.8	410 J	–	"	
"	"	"	11.6	370 J	–	"	
"	"	"	12.6	160 J	–	"	
AFGL 2179	18 28 55	−10 00 18	11.0	−0.4 M	10 M	760913	
AFGL 2181	18 28 57	+38 35 36	11.0	−1.1 M	10 M	"	
CRL 2179	18 28 59	−10 00 36	8.8	160 J	–	760604	
"	"	"	10.6	110 J	–	"	
"	"	"	10.6	76 J	–	"	
"	"	"	10.8	70 J	–	"	
"	"	"	11.6	130 J	–	"	
"	"	"	12.6	38 J	–	"	
28.8+3.5	18 29	− 2 07	80	1.0E5 X	0.4 D	820213	ED
"	"	"	150	1.2E5 X	.37 D	"	"
AFGL 5248S	18 29 07	+25 08 06	11.0	−1.6 M	10 M	770706	
"	"	"	19.8	−3.5 M	10 M	"	
A46	18 29 18.0	+26 54 05	10	4.6 MU	11 S	741009	739909
"	"	"	18	0.7 MU	11 S	"	"
W40	18 29 36	− 2 12	80	1.1E5 W	0.5 D	740711	589903
"	"	"	150	95000 W	0.5 D	"	"
21.8−0.4	18 30	−10 07	80	2.6E5 X	0.4 D	820213	ED
"	"	"	150	6.6E5 X	.37 D	"	"
AFGL 2183S	18 30 09	+23 11 12	11.0	−1.0 M	10 M	770706	
"	"	"	19.8	−3.1 M	10 M	"	
V3876 SGR	18 30 14.9	−20 08 11	8.6	1.47 M	–	780412	
NOVA SGR 1978	"	"	10	1.9 MV	–	790907	780412
V3876 SGR	"	"	10	1.11 M	–	780412	
"	"	"	11.4	0.80 M	–	"	
"	"	"	12.6	0.75 M	–	"	
"	"	"	19.5	0.70 M	–	"	
NOVA SGR 1978	"	"	20	2.3 MV	–	790907	780412
AFGL 5251S	18 30 15	−21 00 00	11.0	−1.6 M	10 M	770706	
AFGL 5253S	18 30 18	+20 19 54	11.0	−2.3 M	10 M	"	
"	"	"	19.8	−2.8 M	10 M	"	
AFGL 2185	18 30 26	− 7 30 06	11.0	−1.1 M	10 M	760913	
IRC-10434	18 30 30	− 7 29 00	10.1	−0.47 C	–	720001	IRC
BD-14 5105	18 30 32.5	−14 08 45	20	−0.8 M	14 S	760901	CSI 79
FIR #19	18 30 36	− 9 27	180	3.2E5 X	30 M	800803	ED
T LYR	18 30 36.1	+36 57 37	5.0	−0.32 M	–	700302	CSI 79
"	"	"	10	−0.30 M	–	650004	"
"	"	"	10	−0.30 C	–	650101	"
"	"	"	10.2	−0.42 M	–	700302	"
"	"	"	11	−1.55 M	–	710403	"
"	"	"	11.0	3.59 F	–	761005	"
"	"	"	20	−1.35 M	9 S	731104	"
AFGL 2186	18 30 37	−14 10 48	11.0	−1.2 M	10 M	760913	
AFGL 2187	18 30 39	+36 58 36	11.0	−1.3 M	10 M	"	
AS 310	18 30 45	− 5 01	8.6	3.2 M	11 S	741108	AS
"	"	"	10	2.45 M	11 S	"	"
"	"	"	11.3	2.2 M	11 S	"	"
"	"	"	18	−0.1 M	11 S	"	"
AFGL 2188	18 30 53	− 9 10 42	11.0	−1.0 M	10 M	760913	
IC 4732	18 30 53.3	−22 40 57	10	4.6 MU	11 S	741009	739909
MWC 939	18 31 21.5	−17 38 39	8.6	1.8 M	–	740708	739903
"	"	"	11.3	1.5 M	–	"	"
AFGL 2190	18 31 26	− 7 20 54	11.0	−2.1 M	10 M	760913	
"	"	"	19.8	−4.6 M	10 M	"	
CRL 2192	18 31 29.0	−11 31 47	10.6	210 J	–	760604	
FIR #20	18 31 33	− 8 47	180	3.8E5 X	30 M	800803	ED
AFGL 2192	18 31 37	−11 33 18	8.4	−0.3 M	17 S	800213	AFGL
CRL 2192	"	"	8.4	1.3 C	18 S	761210	"
AFGL 2192	"	"	11.0	−1.3 M	10 M	760913	
"	"	"	11.2	−1.3 M	17 S	800213	AFGL
CRL 2192	"	"	11.2	0.3 C	18 S	761210	"
AFGL 2192	"	"	12.5	−1.3 M	17 S	800213	"
CRL 2192	"	"	12.5	0.3 C	18 S	761210	"
IRC 00357	18 31 40	− 1 01 30	10.7	0.0 MU	–	740705	IRC
AFGL 2193	18 31 46	− 8 45 42	11.0	−1.2 M	10 M	760913	
"	"	"	19.8	−2.7 M	10 M	"	
AFGL 5258S	18 31 46	−19 37 06	11.0	−1.0 M	10 M	770706	
W41	18 31 48	− 8 49	80	85000 W	0.5 D	740711	589903
"	"	"	150	95000 W	0.5 D	"	"
AFGL 2194	18 31 49	− 7 59 18	11.0	−1.0 M	10 M	760913	
"	"	"	19.8	−3.5 M	10 M	"	
AFGL 5259S	18 31 51	+10 25 54	19.8	−2.9 M	10 M	770706	
G21.1−1.4	18 31 54	−11 12	85	84000 J	30 M	731210	ED
"	"	"	100	95000 J	30 M	"	"
23.0−0.4	18 32	− 9 03	80	3.0E5 X	0.4 D	820213	ED
"	"	"	150	1.3E6 X	.37 D	"	"
FIRSSE 291	18 32 01	+69 09 06	93	105 J	10 M	830201	
AFGL 2195	18 32 02	− 8 36 06	11.0	−0.7 M	10 M	760913	
"	"	"	19.8	−3.6 M	10 M	"	
3C 381	18 32 24.4	+47 24 39	1570	51 JU	1 M	761201	769906
AFGL 2196	18 32 27	−19 18 42	19.8	−3.6 M	10 M	760913	
FIR #21	18 32 43	− 7 48	180	4.3E5 X	30 M	800803	ED
BY DRA	18 32 44.5	+51 40 58	8.7	5.23 C	10 S	741205	779907
25.0+0.4	18 33	− 6 55	80	3.3E5 X	0.4 D	820213	ED
3C 382	18 33 12.1	+32 39 15	10.6	0.041 J	6 S	810101	769906
AFGL 2199	18 33 17	+ 5 32 42	11.0	−1.3 M	10 M	760913	
"	"	"	19.8	−3.5 M	10 M	"	
CRL 2199	18 33 18.9	+ 5 33	10.6	145 J	–	760604	
AFGL 2200	18 33 30	− 7 11 48	19.8	−4.2 M	10 M	760913	
AFGL 5262S	18 33 31	+28 44 12	11.0	−0.7 M	10 M	770706	
W42	18 33 36	− 7 30	80	85000 W	0.5 D	740711	589903
"	"	"	150	95000 W	0.5 D	"	"
AFGL 5263S	18 33 37	− 6 42 00	11.0	−1.2 M	10 M	770706	
AFGL 2202	18 33 51	− 7 23 24	11.0	−1.3 M	10 M	760913	
"	"	"	19.8	−3.5 M	10 M	"	
IRC 00358	18 34 02	− 3 00 36	10.7	1.0 M	–	740705	IRC
AFGL 2203	18 34 13	− 7 38 18	11.0	−1.4 M	10 M	760913	
"	"	"	19.8	−3.0 M	10 M	"	
AFGL 5266S	18 34 23	+30 26 18	19.8	−3.3 M	10 M	770706	
"	"	"	27.4	−6.3 M	10 M	"	
AFGL 2204	18 34 44	− 2 43 06	11.0	−0.5 M	10 M	760913	
AFGL 2205	18 34 47	− 5 27 42	8.4	−2.4 MV	17 S	800213	AFGL
CRL 2205	"	"	8.4	−1.6 C	18 S	761210	"
AFGL 2205	"	"	11.0	−1.5 M	10 M	760913	
"	"	"	11.2	−2.4 MV	17 S	800213	AFGL
CRL 2205	"	"	11.2	−1.5 C	18 S	761210	"
AFGL 2205	"	"	12.5	−3.5 MV	17 S	800213	"
CRL 2205	"	"	12.5	−2.7 C	18 S	761210	"
AFGL 2205	"	"	19.8	−3.9 M	10 M	760913	
OH26.5+0.6	18 34 51	− 5 26 23	8.2	1260 J	15 S	821111	
"	"	"	9.6	300 J	15 S	"	
"	"	"	10.2	690 J	15 S	"	
"	"	"	12.2	1180 J	15 S	"	
"	"	"	19.6	1140 J	15 S	"	
"	18 34 51.6	− 5 27 24	8.00	60 F	–	780105	749902
"	"	"	10.0	7.1 F	–	"	"
"	"	"	12.5	26 F	–	"	"
"	"	"	16	S	30 S	791015	"
"	"	"	16.0	14.5 F	–	780105	"
"	"	"	18.5	11.0 F	–	"	"
"	"	"	20	10.8 F	30 S	791015	"
"	"	"	21.0	10.5 F	–	780105	"
"	"	"	30	5.3 F	–	"	"
"	"	"	38	2.6 F	–	"	"
CRL 2205	18 34 51.9	− 5 26 35	5.0	320 J	–	760604	
"	"	"	10.6	480 J	–	"	
AFGL 2206	18 34 52	+10 24 06	8.4	−2.0 MV	17 S	800213	AFGL
"	"	"	8.6	−2.5 M	8.5 S	"	"

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
"	h m s	° ′ ″	8.6	−2.3 MV	26 s	"	"
"	"	"	10.6	−3.0 M	8.5 s	"	"
"	"	"	10.6	−3.1 M	26 s	"	"
"	"	"	10.7	−3.3 MV	26 s	"	"
"	"	"	11.0	−3.4 M	10 M	760913	
"	"	"	11.2	−3.3 MV	17 s	800213	AFGL
"	"	"	11.3	−3.5 M	8.5 s	"	"
"	"	"	12.2	−3.0 MV	26 s	"	"
"	"	"	12.5	−3.2 MV	17 s	"	"
"	"	"	12.8	−3.2 M	8.5 s	"	"
"	"	"	18	−4.1 M	8.5 s	"	"
"	"	"	18	−3.4 MV	26 s	"	"
"	"	"	19.8	−4.3 M	10 M	760913	
"	"	"	27.4	−6.7 M	10 M	"	
CRL 2205	18 34 52.3	− 5 26 34	8.4	110 J	12 s	780106	
"	"	"	10.6	210 J	12 s	"	
"	"	"	11.0	160 J	12 s	"	
OH26.5+0.6	18 34 52.5	− 5 26 42	11	−1.30 M	-	760701	
"	18 34 52.6	− 5 26 37	5	S	13 s	750106	771109
"	"	"	8.7	325 J	9 s	800709	"
"	"	"	8.7	250 JV	9 s	771109	
"	"	"	9.5	130 J	9 s	800709	771109
"	"	"	9.5	87 JV	9 s	771109	
"	"	"	10.1	280 J	9 s	800709	771109
"	"	"	10.1	240 JV	9 s	771109	
"	"	"	11.2	140 JV	9 s	"	
"	"	"	11.2	200 J	9 s	800709	771109
"	"	"	12.5	660 J	9 s	"	"
"	"	"	12.5	460 JV	9 s	771109	
"	"	"	20	520 JV	9 s	"	
"	"	"	30	845 J	30 s	800709	771109
"	"	"	50	580 J	30 s	"	"
V1111 OPH	18 34 57	+10 22 27	8.4	−2.1 CV	-	760610	GCVS
"	"	"	11.2	−3.3 CV	-	"	"
"	"	"	12.5	−3.1 CV	-	"	"
"	"	"	20	−4.01 M	-	741002	"
IRC+10365	18 34 59	+10 23 00	8.6	−2.6 M	-	740705	IRC
"	"	"	10	−3.1 M	-	"	"
"	"	"	10.1	−2.38 C	-	720001	"
"	"	"	10.7	−3.6 M	-	740705	"
28.0+1.4	18 35	− 3 47	80	80000 X	0.4 D	820213	ED
"	"	"	150	40000 X	.37 D	"	"
AFGL 2207	18 35 04	− 6 22 18	11.0	−1.2 M	10 M	760913	
"	"	"	19.8	−3.8 M	10 M	"	
AFGL 5267S	18 35 13	+31 17 36	11.0	−0.8 M	10 M	770706	
"	"	"	19.8	−2.6 M	10 M	"	
CRL 2208	18 35 13	+38 44 30	8.7	−0.03 M	11 s	760606	AFGL
"	"	"	10	−0.03 M	11 s	"	"
AFGL 2208	"	"	11.0	−0.6 M	10 M	760913	
CRL 2208	"	"	11.4	−0.03 M	11 s	760606	AFGL
"	"	"	12.5	−0.03 M	11 s	"	"
"	"	"	19.5	−0.03 M	11 s	"	"
"	"	"	23	−0.03 M	11 s	"	"
ALF LYR	18 35 14.6	+38 44 09	5.0	−0.04 C	-	650002	CSI 79
"	"	"	5.0	0.00 M	-	700302	"
"	"	"	5.0	−0.04 C	-	640501	"
BS 7001	"	"	5.0	−0.02 M	-	751004	"
ALF LYR	"	"	8.4	−0.03 M	12 s	760107	"
"	"	"	8.4	−0.05 M	-	710403	"
"	"	"	8.6	−0.03 M	-	741009	"
"	"	"	8.6	0.00 M	-	760108	"
"	"	"	8.6	0.02 M	-	721103	"
"	"	"	8.7	−0.03 M	11 s	741202	"
"	"	"	8.7	−0.03 M	11 s	740807	"
"	"	"	8.7	−0.03 M	-	741105	"
"	"	"	8.7	−0.03 M	-	741008	"
HD 172167	"	"	8.7	−0.03 M	-	780704	"
ALF LYR	"	"	8.8	2.4 F	-	760003	"
"	"	"	10	2.31 F	5.9 s	640201	"
"	"	"	10	−0.03 M	11 s	741202	"
"	"	"	10	−0.03 M	11 s	740807	"
"	"	"	10	−0.03 M	12 s	760107	"
"	"	"	10	−0.03 M	-	741008	"
"	"	"	10	−0.03 M	-	741009	"
HD 172167	"	"	10	−0.03 M	-	780704	"
ALF LYR	"	"	10.0	−0.03 M	-	741105	"
BS 7001	"	"	10.0	−0.03 M	-	751004	"
ALF LYR	"	"	10.2	−0.06 M	-	700302	"
"	"	"	10.4	0.00 C	-	640501	"
"	"	"	10.4	−0.01 C	-	650002	"
"	"	"	10.6	1.05 F	-	760003	"
"	"	"	10.8	−0.07 M	-	721103	"
"	"	"	10.8	−0.03 M	-	741009	"
"	"	"	10.9	−0.03 M	V	820417	"
"	"	"	11	−0.03 M	-	710403	"
"	"	"	11.1	−0.03 M	12 s	760107	"
"	"	"	11.3	−0.03 M	-	741009	"
"	"	"	11.4	−0.03 M	11 s	740807	"
"	"	"	11.4	−0.03 M	11 s	741202	"
"	"	"	11.4	−0.03 M	-	741105	"
"	"	"	11.4	−0.03 M	-	741008	"
HD 172167	"	"	11.4	−0.03 M	-	780704	"
ALF LYR	"	"	11.5	30 J	-	691105	"
"	"	"	12.2	−0.03 M	-	721103	"
"	"	"	12.6	−0.03 M	11 s	741202	"
"	"	"	12.6	−0.03 M	11 s	740807	"
"	"	"	12.6	−0.03 M	-	741008	"
"	"	"	12.6	−0.03 M	-	741105	"
"	"	"	12.8	−0.03 M	-	741009	"
"	"	"	18	0.0 M	-	"	"
"	"	"	18.0	−0.07 M	-	721103	"
"	"	"	19	−0.03 M	11 s	741202	"
"	"	"	19.5	−0.03 M	11 s	740807	"
"	"	"	19.5	−0.03 M	-	741105	"
"	"	"	20	−0.31 M	9 s	731104	"
"	"	"	22	0.0 M	-	741009	"
"	"	"	22.0	−0.08 M	-	700302	"
"	"	"	23	−0.03 M	11 s	741202	"
"	"	"	23	−0.03 M	-	741105	"
IRC-10442 B	18 35 16.5	− 6 56 24	11.0	2.82 M	11 s	790904	
AFGL 5268S	18 35 18	− 6 53 48	11.0	−0.5 M	10 M	770706	
AFGL 5269S	18 35 25	+35 11 54	11.0	−0.3 M	10 M	"	
"	"	"	19.8	−2.7 M	10 M	"	
AFGL 5270S	18 35 28	+ 5 00 24	11.0	−2.1 M	10 M	"	
AFGL 2210	18 35 33	− 6 50 42	11.0	−2.9 M	10 M	760913	
"	"	"	19.8	−6.1 M	10 M	"	
"	18 35 34.4	− 6 50 57	10.6	−0.6 M	15 s	790106	
AFGL 2211	18 35 39	− 5 32 30	11.0	−1.1 M	10 M	760913	

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
"	h m s	° ′ ″	19.8	−3.1 M	10 M	"	
AFGL 5271S	18 35 43	+14 42 42	19.8	−3.5 M	10 M	770706	
FIR #22	18 35 52	− 6 45	180	2.7E5 X	30 M	800803	ED
X OPH	18 35 57.4	+ 8 47 18	8.1	285 J	15 s	800510	CSI 79
"	"	"	9.57	215 J	15 s	"	"
"	"	"	10	312 J	15 s	"	"
"	"	"	11	−2.76 M	-	710403	"
"	"	"	12.2	255 J	15 s	800510	"
"	"	"	20	−3.10 M	9 s	731104	"
"	"	"	20	95 J	15 s	800510	"
"	"	"	30	80 JU	15 s	"	"
AFGL 2213	18 35 59	+ 8 45 36	11.0	−2.3 M	10 M	760913	
"	"	"	19.8	−2.9 M	10 M	"	
"	"	"	27.4	−6.3 M	10 M	"	
AFGL 2215	18 36 08	−15 04 18	11.0	−0.4 M	10 M	"	
AFGL 2216S	18 36 18	− 5 20 48	11.0	−1.4 M	10 M	770706	
XY LYR	18 36 27.3	+39 37 23	8.4	−0.36 C	-	710203	779907
"	"	"	8.4	−0.36 C	-	710405	"
"	"	"	11	−1.26 M	-	710403	"
"	"	"	11.0	−0.69 C	-	710203	"
"	"	"	11.0	−0.69 C	-	710405	"
"	"	"	20	−1.0 M	14 s	760901	"
AFGL 5272S	18 36 28	+ 1 38 48	10.7	−0.6 MU	26 s	800213	770706
AFGL 2217	18 36 28	+39 37 36	8.4	−0.4 M	11 s	"	AFGL
"	"	"	11.0	−1.2 M	10 M	760913	
"	"	"	11.2	−0.7 M	11 s	800213	AFGL
LS 15	18 36 28	−10 09	8.6	4.5 M	V	750505	689903
"	"	"	10	4.0 M	V	"	"
"	"	"	10	4.81 M	11 s	741202	"
IRC 00361	18 36 34	+ 1 39 00	10.7	−0.6 MU	-	740705	IRC
AFGL 5273S	18 36 41	+30 26 12	11.0	−1.0 M	10 M	770706	
IRC 00362	18 36 46	+ 3 06 12	10.7	−0.1 MU	-	740705	IRC
IRC-10448	18 36 49	−11 13 42	8.7	2.53 M	-	790604	IRC
"	"	"	10.0	2.65 M	-	"	"
"	"	"	11.4	2.50 M	-	"	"
V348 SGR	18 37 18.3	−22 57 29	5	3.8 MV	-	781001	CSI 79
"	"	"	10	1.9 M	-	730008	"
"	"	"	20	0.7 M	-	"	"
CRL 2222	18 37 20.7	− 0 21 26	5.0	55 J	-	760605	
"	"	"	8.4	40 J	-	"	
"	"	"	8.8	50 J	-	"	
"	"	"	10.4	65 J	-	"	
"	"	"	10.6	54 J	-	"	
"	"	"	11.6	50 J	-	"	
"	"	"	12.6	24 J	-	"	
AFGL 2222	18 37 31	− 0 23 36	11.0	−1.7 M	10 M	760913	
AFGL 2223	18 37 32	− 5 45 30	8.4	−1.1 M	17 s	800213	AFGL
"	"	"	11.0	−1.7 M	10 M	760913	
"	"	"	11.2	−2.0 M	17 s	800213	AFGL
"	"	"	12.5	−1.9 M	17 s	"	"
"	"	"	19.8	−3.3 M	10 M	760913	
IRC-10450	18 37 35	− 5 45 42	8.4	−1.1 C	-	760610	IRC
"	"	"	10.1	−1.27 C	-	720001	"
"	"	"	11.2	−2.0 C	-	760610	"
"	"	"	12.5	−1.9 C	-	"	"
K3-10	18 37 49.5	+14 08 57	10	2.75 M	-	740708	819914
AFGL 2225	18 38 03	+40 17 48	11.0	−0.9 M	10 M	760913	
AFGL 2226S	18 38 18	− 5 42 36	11.0	−1.2 M	10 M	770706	
AFGL 5275S	18 38 36	− 6 24 18	11.0	−0.7 M	10 M	"	
AFGL 2227	18 38 46	− 4 24 12	8.4	−0.9 M	17 s	800213	AFGL
"	"	"	8.6	−0.9 M	26 s	"	"
"	"	"	10.7	−2.0 M	26 s	"	"
"	"	"	11.0	−2.4 M	10 M	760913	
"	"	"	11.2	−2.4 M	17 s	800213	AFGL
"	"	"	12.2	−1.8 M	26 s	"	"
"	"	"	12.5	−2.4 M	17 s	"	"
"	"	"	19.8	−3.7 M	10 M	760913	
IRC 00363	18 38 48	− 4 23 30	8.4	−0.9 C	-	760610	IRC
"	"	"	11.2	−2.4 C	-	"	"
"	"	"	12.5	−2.4 C	-	"	"
"	"	"	20	−3.7 M	14 s	760901	"
AFGL 2229	18 39 28	− 5 05 12	8.6	0.1 M	26 s	800213	AFGL
"	"	"	10.7	−1.5 M	26 s	"	"
"	"	"	11.0	−1.0 M	10 M	760913	
"	"	"	12.2	−1.4 M	26 s	800213	AFGL
AFGL 2230	18 39 31	− 2 49 36	8.4	0.4 MV	17 s	"	AFGL
"	"	"	8.6	−0.5 MV	26 s	"	"
"	"	"	10.7	−1.5 MV	26 s	"	"
"	"	"	11.2	−1.1 MV	17 s	"	"
"	"	"	12.2	−1.8 MV	26 s	"	"
"	"	"	12.5	−1.3 MV	17 s	"	"
"	"	"	18	−1.4 M	26 s	"	"
IRC 00364	18 39 32	− 2 48 00	8.4	0.4 CV	-	760610	IRC
"	"	"	8.6	0.4 M	-	740705	"
"	"	"	10.7	−1.3 M	-	"	"
"	"	"	11.2	−1.1 CV	-	760610	"
"	"	"	12.5	−1.2 CV	-	"	"
IRC+20370	18 39 41	+17 37 36	8	S	-	"	IRC
"	"	"	8.4	−2.3 CV	-	"	"
"	"	"	8.6	−3.0 M	-	740705	"
"	"	"	10	−2.9 M	-	"	"
"	"	"	10.7	−3.4 M	-	"	"
"	"	"	11.2	−3.0 CV	-	760610	"
"	"	"	12.2	−2.9 M	-	740705	"
"	"	"	12.5	−2.9 CV	-	760610	"
AFGL 2232	18 39 42	+17 38 42	7.9	−2.9 M	8.5 s	800213	AFGL
"	"	"	8.4	−2.5 MV	17 s	"	"
"	"	"	8.5	−3.0 M	8.5 s	"	"
"	"	"	8.6	−2.7 MV	26 s	"	"
"	"	"	10.55	−3.6 M	8.5 s	"	"
"	"	"	10.6	−2.6 M	8.5 s	"	"
"	"	"	10.6	−2.9 M	26 s	"	"
"	"	"	10.7	−3.2 MV	26 s	"	"
"	"	"	11.0	−3.5 M	10 M	760913	
"	"	"	11.2	−3.1 MV	17 s	800213	AFGL
"	"	"	11.3	−3.1 M	8.5 s	"	"
"	"	"	12.2	−2.8 MV	26 s	"	"
"	"	"	12.5	−3.1 MV	17 s	"	"
"	"	"	12.52	−3.6 M	8.5 s	"	"
"	"	"	12.8	−3.0 M	8.5 s	"	"
"	"	"	18	−3.6 M	8.5 s	"	"
"	"	"	18	−3.5 M	26 s	"	"
"	"	"	19.8	−3.8 M	10 M	760913	
IRC 00365	18 39 51	− 2 21 12	8.4	−2.4 CV	-	760610	IRC
"	"	"	11.2	−2.9 CV	-	"	"
"	"	"	12.5	−2.9 CV	-	"	"
AFGL 2234S	18 39 53	− 2 07 42	19.8	−3.0 M	10 M	770706	
AFGL 2233	18 39 53	− 2 21 06	8.4	−2.4 MV	17 s	800213	AFGL

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
"	h m s	° ′ ″	11.0	−3.5 M	10 M	760913	
"	"	"	11.2	−3.0 MV	17 S	800213	AFGL
"	"	"	12.5	−3.0 MV	17 S	"	"
"	"	"	19.8	−3.6 M	10 M	760913	
AFGL 2236	18 40 04	+28 55 24	11.0	−1.8 M	10 M	"	
AFGL 2235	18 40 04	−19 20 18	11.0	−1.3 M	10 M	"	
AFGL 5279S	18 40 07	+10 18 12	19.8	−3.1 M	10 M	770706	
IRC+10371	18 40 10	+13 58 00	10.7	0.3 MU	-	740705	IRC
F-51	18 40 12	−62 25	8.3	5.58 M	3.5 S	820311	ED
"	"	"	9.4	5.24 M	3.5 S	"	"
"	"	"	10.3	5.65 M	3.5 S	"	"
"	"	"	12.0	4.79 M	3.5 S	"	"
AFGL 2238	18 40 24	− 3 36 18	19.8	−3.7 M	10 M	760913	
AFGL 2239	18 40 49	+12 21 42	11.0	−0.8 M	10 M	"	
AFGL 5281S	18 40 54	− 1 35 24	11.0	−0.7 M	10 M	770706	
32.0+1.6	18 41	− 0 09	80	20000 X	0.4 D	820213	ED
"	"	"	150	2.2E5 X	.37 D	"	"
AFGL 2240	18 41 07	+36 55 06	11.0	−1.0 M	10 M	760913	
AFGL 2241	18 41 15	+13 53 06	7.9	−0.9 M	8.5 S	800213	AFGL
"	"	"	8.4	−0.9 MV	17 S	"	"
"	"	"	8.5	−1.4 M	8.5 S	"	"
"	"	"	8.6	−1.4 MV	26 S	"	"
"	"	"	10.55	−2.7 M	8.5 S	"	"
"	"	"	10.7	−2.4 MV	26 S	"	"
"	"	"	11.0	−2.4 M	10 M	760913	
"	"	"	11.2	−2.0 MV	17 S	800213	AFGL
"	"	"	12.2	−2.2 MV	26 S	"	"
"	"	"	12.5	−1.8 MV	17 S	"	"
"	"	"	12.52	−2.4 M	8.5 S	"	"
"	"	"	19.8	−3.1 M	10 M	760913	
FIR #23	18 41 15	− 4 11	180	3.2E5 X	30 M	800803	ED
IRC+10374	18 41 17	+13 54 30	8.4	−1.0 CV	-	760610	IRC
"	"	"	8.6	−1.5 M	-	740705	"
"	"	"	10.7	−2.8 M	-	"	"
"	"	"	11.2	−2.2 CV	-	760610	"
"	"	"	12.2	−2.3 M	-	740705	"
"	"	"	12.5	−2.0 CV	-	760610	"
AFGL 5284S	18 41 30	− 2 34 24	10.7	0.0 M	26 S	800213	770706
MV SGR	18 41 33	−21 00 24	5	5.8 M	-	781001	GCVS
AS 320	18 41 34.9	− 3 51 02	8.6	3.0 M	V	750505	CSI 79
"	"	"	8.7	2.95 M	11 S	741202	"
"	"	"	10	3.3 M	V	750505	"
"	"	"	10	2.96 M	11 S	741202	"
"	"	"	11.3	3.0 M	V	750505	"
"	"	"	11.4	3.22 M	11 S	741202	"
AFGL 5285S	18 41 38	− 3 51 18	10.7	0.8 MU	26 S	800213	770706
IRC 00370	18 41 42	− 3 51 06	10.7	−0.1 MU	-	740705	IRC
AFGL 2243	18 41 42	− 4 23 18	11.0	−1.3 M	10 M	760913	
"	"	"	19.8	−4.2 M	10 M	"	
IRC 00371	18 41 43	− 2 36 30	10.7	0.0 MU	-	740705	IRC
AFGL 2242	18 41 44	+32 38 24	11.0	−0.4 M	10 M	760913	
"	"	"	19.8	−3.3 M	10 M	"	
28.7-0.2	18 42	− 3 55	80	1.6E5 X	0.4 D	820213	ED
"	"	"	150	2.0E5 X	.37 D	"	"
AFGL 5286S	18 42 02	+11 14 00	11.0	−0.9 M	10 M	770706	
AFGL 5287S	18 42 26	+17 27 12	11.0	−1.2 M	10 M	"	
IC 4776	18 42 34.1	−33 23 52	10	3.5 MU	11 S	741009	739909
AFGL 5288S	18 42 57	−17 20 42	11.0	−1.6 M	10 M	770706	
AFGL 5289S	18 43 01	+ 4 10 12	19.8	−2.8 M	10 M	"	
AFGL 2244	18 43 01	−19 38 36	11.0	−1.2 M	10 M	760913	
ZET 1 LYR	18 43 02.9	+37 33 04	8.7	3.90 M	11 S	740807	CSI 79
"	"	"	10	3.75 M	11 S	"	"
OH28.6-0.6	18 43 10	− 4 04 06	11	−0.79 M	-	760701	
OH30.7+0.4	18 43 16.5	− 1 50 00	11	−0.07 M	-	"	
HFE 56	18 43 18	− 2 49	100	37000 J	12 M	711201	
FIR #24	18 43 19	− 2 45	100	2.1E5 X	15 M	800803	ED
"	"	"	180	3.2E5 X	30 M	"	"
IRC 00374	18 43 21	− 1 43 36	10.7	0.9 MU	-	740705	IRC
AFGL 2245	18 43 23	− 2 42 36	11.0	−2.1 M	10 M	760913	
"	"	"	19.8	−5.1 M	10 M	"	
G29.9-0.0	18 43 27.7	− 2 42 48	6.99	22 X	27 S	811104	750807
"	"	"	8	S	12 S	750807	
"	"	"	8	S	22 S	"	
"	"	"	8.4	49 J	12 S	"	
"	"	"	8.4	63 J	22 S	"	
"	"	"	10.2	64 J	12 S	"	
"	"	"	11.1	87 J	12 S	"	
"	"	"	11.2	144 J	22 S	"	
"	"	"	12.5	235 J	22 S	"	
"	"	"	12.6	151 J	12 S	"	
"	"	"	18.71	41.5 X	30 S	811104	750807
"	"	"	19	610 J	12 S	750807	
"	"	"	88.4	12 XU	75 S	791008	
G29.9+0.0	18 43 30	− 2 43	9.0	8400 G	6 S	820405	
"	"	"	10.5	2900 G	6 S	"	
"	"	"	12.8	83600 G	6 S	"	
H2-48	18 43 32	−23 30 06	10	3.5 MU	11 S	741009	819916
"	"	"	18	0.2 MU	11 S	"	"
AFGL 2246	18 43 39	+43 34 48	11.0	−1.0 M	10 M	760913	
OH26.4-1.9	18 43 44	− 6 43 44	8.2	160 J	15 S	821111	
"	"	"	9.6	100 J	15 S	"	
"	"	"	10.2	80 J	15 S	"	
"	"	"	12.2	50 J	15 S	"	
"	"	"	19.6	60 J	15 S	"	
OH26.4-2.0	18 43 45	− 6 43 54	11	−0.62 M	-	760701	
V CRA	18 44 06.9	−38 15 50	10	2.1 M	-	730008	CSI 79
AFGL 5294S	18 44 07	+22 25 12	10.7	0.8 MU	26 S	800213	770706
IRC+20373	18 44 24	+22 29 06	10.7	0.8 MU	-	740705	IRC
AFGL 2248	18 44 26	− 4 47 48	11.0	−0.9 M	10 M	760913	
OH30.1-0.2	18 44 33.0	− 2 38 56	8.7	48 J	9 S	800709	771109
"	"	"	8.7	43 JV	9 S	771109	
"	"	"	9.5	35 J	9 S	800709	771109
"	"	"	9.5	32 JV	9 S	771109	
"	"	"	10.1	41 JV	9 S	"	
"	"	"	10.1	48 J	9 S	800709	771109
"	"	"	11.2	45 J	9 S	"	"
"	"	"	11.2	42 JV	9 S	771109	
"	"	"	12.5	58 J	9 S	800709	771109
"	"	"	12.5	45 JV	9 S	771109	
"	"	"	20	60 JV	9 S	"	
"	"	"	30	35 J	30 S	800709	771109
"	"	"	50	25 J	30 S	"	"
AFGL 2249S	18 44 39	− 2 24 24	19.8	−3.2 M	10 M	770706	
R SCT	18 44 48.7	− 5 45 35	8.4	0.6 M	11 S	700906	CSI 79
"	"	"	8.6	0.9 M	-	721203	"
"	"	"	10.8	0.9 M	-	"	"
"	"	"	11.0	0.4 M	11 S	700906	"
"	"	"	11.3	0.6 M	-	721203	"

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
HFE 57	h m s 18 44 49	° ′ ″ − 2 07	100	69000 J	12 M	711201	
AFGL 5296S	18 44 50	− 5 44 00	11.0	−0.7 M	10 M	770706	
"	"	"	19.8	−2.6 M	10 M	"	
FIR #25	18 44 58	− 1 57	100	4.4E5 X	15 M	800803	ED
"	"	"	180	1.8E5 X	15 M	"	"
"	"	"	180	5.9E5 X	30 M	"	"
31.0+0.2	18 45	− 1 41	80	8.4E5 X	0.4 D	820213	ED
"	"	"	150	7.5E5 X	.37 D	"	"
30.1-0.4	18 45	− 2 46	80	1.6E5 X	0.4 D	"	ED
"	"	"	150	5.4E5 X	.37 D	"	"
AFGL 5297S	18 45 00	+42 43 48	11.0	−0.9 M	10 M	770706	
"	"	"	19.8	−2.9 M	10 M	"	
W43	18 45 00.8	− 1 59 48	8.4	78 J	12 S	741013	ED
"	"	"	11.1	110 J	12 S	"	"
"	"	"	12.6	280 J	12 S	"	"
"	"	"	19	840 J	12 S	"	"
"	18 45 01	− 1 59 48	51.8	150 X	1 M	811107	ED
AFGL 2251	18 45 02	− 2 03 00	11.0	−2.9 M	10 M	760913	
"	"	"	19.8	−6.0 M	10 M	"	
W43	18 45 02.8	− 2 00 45	100	41 W	15 M	770612	
"	"	"	200	10 W	15 M	"	
AFGL 2252	18 45 03	− 9 21 36	11.0	−1.2 M	10 M	760913	
AFGL 2252.2	-	-	10.7	0.9 M	26 S	800213	ED
W43	18 45 24	− 2 02	80	1.7E5 W	0.5 D	740711	589903
"	"	"	150	1.3E5 W	0.5 D	"	"
AFGL 4239	18 45 27	−22 35 30	11.0	−0.8 M	10 M	760913	
IRC 00379	18 45 35	− 2 01 00	8.4	−0.1 C	-	760610	IRC
"	"	"	10.7	−0.9 M	-	740705	"
"	"	"	11.2	−1.4 C	-	760610	"
"	"	"	12.5	−1.5 C	-	"	"
3C 390.3	18 45 37.8	+79 43 03	1570	22 JU	1 M	761201	769906
AFGL 2254	18 45 39	− 2 03 36	8.4	−0.1 M	17 S	800213	AFGL
"	"	"	8.6	0.3 MV	26 S	"	"
"	"	"	10.55	0.9 M	8.5 S	"	"
"	"	"	10.6	−1.2 M	26 S	"	"
"	"	"	10.7	−1.0 MV	26 S	"	"
"	"	"	11.0	−0.5 M	10 M	760913	
"	"	"	11.09	−0.2 M	8.5 S	800213	AFGL
"	"	"	11.2	−1.4 M	17 S	"	"
"	"	"	12.2	−0.7 MV	26 S	"	"
"	"	"	12.5	−1.5 M	17 S	"	"
"	"	"	12.52	−0.4 M	8.5 S	"	"
"	"	"	18	−1.9 MV	26 S	"	"
NEW SOURCE	18 45 45	− 4 45	80	14000 X	-	770410	
OH30.1-0.7	18 46 05.0	− 2 53 57	8.7	49 JV	9 S	771109	
"	"	"	9.5	16 JV	9 S	"	
"	"	"	10.1	46 JV	9 S	"	
"	"	"	11.2	25 JV	9 S	"	
"	"	"	12.5	87 JV	9 S	"	
"	"	"	20	93 JV	9 S	"	
AFGL 5298S	18 46 07	+19 04 06	11.0	−1.5 M	10 M	770706	
AFGL 5299S	18 46 22	+15 44 24	19.8	−3.7 M	10 M	"	
AFGL 2256	18 46 28.8	− 6 56 32	10.6	−0.5 MV	-	790106	
"	18 46 37	− 6 58 24	11.0	−1.8 M	10 M	760913	
AFGL 5301S	18 46 38	+69 37 42	11.0	−0.9 M	10 M	770706	
AFGL 2257S	18 46 38	− 2 30 54	11.0	−0.7 M	10 M	"	
33.0+0.6	18 47	+ 0 17	80	2.1E5 X	0.4 D	820213	ED
"	"	"	150	1.2E5 X	.37 D	"	"
AFGL 2258	18 47 08	− 1 32 00	19.8	−3.3 M	10 M	760913	
AFGL 2259	18 47 25	+ 9 29 30	8.4	−1.6 M	17 S	800213	AFGL
CRL 2259	"	"	8.4	−1.5 C	18 S	761210	"
AFGL 2259	"	"	11.0	−1.9 M	10 M	760913	
"	"	"	11.2	−2.2 M	17 S	800213	AFGL
CRL 2259	"	"	11.2	−2.2 C	18 S	761210	"
AFGL 2259	"	"	12.5	−2.2 M	17 S	800213	"
CRL 2259	"	"	12.5	−2.2 C	18 S	761210	"
AFGL 2259	"	"	19.8	−2.4 M	10 M	760913	
CRL 2259	18 47 31.1	+ 9 26 34	5.0	140 J	-	760604	
"	"	"	8.8	120 J	-	"	
"	"	"	10.6	250 J	-	"	
"	"	"	10.6	130 J	-	"	
"	"	"	10.8	310 J	-	"	
"	"	"	11.6	270 J	-	"	
"	"	"	12.6	120 J	-	"	
AFGL 5304S	18 47 36	+28 04 18	19.8	−2.9 M	10 M	770706	
S SCT	18 47 37.0	− 7 57 58	8.4	−0.15 C	-	710203	CSI 79
"	"	"	8.6	0.0 M	-	721103	"
"	"	"	10.8	−1.1 M	-	"	"
"	"	"	11.0	−0.42 C	-	710203	"
AFGL 2260	18 47 38	− 7 57 48	8.4	−0.2 M	11 S	800213	AFGL
"	"	"	11.0	−1.1 M	10 M	760913	
"	"	"	11.2	−0.4 M	11 S	800213	AFGL
HU2-1	18 47 39.2	+20 47 12	10	3.25 M	11 S	741009	739909
"	"	"	18	0.3 M	11 S	"	"
IRC 00382	18 47 58	+ 4 32 30	10	0.6 MU	-	740705	IRC
LII 32.3	18 48	− 0 37	100	5 W	15 M	770612	ED
"	"	"	200	2 W	15 M	"	"
AFGL 2261	18 48 00	+47 27 54	11.0	−1.1 M	10 M	760913	
M1-64	18 48 12	+35 11	10	4.6 MU	11 S	741009	P-K
BET LYR	18 48 14.0	+33 18 12	8.4	2.24 M	-	710403	779907
"	"	"	8.6	2.07 MV	-	760108	"
"	"	"	8.7	2.25 M	11 S	740807	"
"	"	"	10	2.07 M	11 S	"	"
"	"	"	11	1.96 M	-	710403	"
"	"	"	11.4	2.01 M	11 S	740807	"
"	"	"	12.6	1.87 M	11 S	"	"
"	"	"	19.5	1.62 M	11 S	"	"
AFGL 5306S	18 48 26	+24 02 42	11.0	−1.0 M	10 M	770706	
AFGL 5309S	18 48 59	+25 00 00	11.0	−0.8 M	10 M	"	
"	"	"	19.8	−3.3 M	10 M	"	
31.8-0.5	18 49	− 1 18	80	2.6E5 X	0.4 D	820213	ED
"	"	"	150	1.0E5 X	.37 D	"	"
AFGL 5310S	18 49 01	+ 0 09 12	11.0	−1.1 M	10 M	770706	
CRL 2266	18 49 23.6	+12 08 50	10.6	36 J	12 S	780106	
OH31.7-0.8	18 49 26	− 1 30 24	11	0.34 MU	-	760701	
AFGL 2266	18 49 35	+12 07 30	11.0	−1.2 M	10 M	760913	
OH32.8-0.3	18 49 48.0	− 0 17 55	8.7	13 J	9 S	800709	771109
"	"	"	8.7	48 JV	9 S	771109	
"	"	"	9.5	17 JV	9 S	"	
"	"	"	9.5	4 J	9 S	800709	771109
"	"	"	10.1	41 JV	9 S	771109	
"	"	"	10.1	10 J	9 S	800709	771109
"	"	"	11.2	18 JV	9 S	771109	
"	"	"	11.2	4 J	9 S	800709	771109
"	"	"	12.5	23 J	9 S	"	"
"	"	"	12.5	76 JV	9 S	771109	
"	"	"	20	150 JV	9 S	"	
"	"	"	30	80 J	30 S	800709	771109

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
"	h m s	° ′ ″	50	75 J	30 s	"	"
AFGL 4240	18 49 50	+25 36 18	19.8	−3.3 M	10 M	760913	
IRC 00386	18 49 57	− 3 15 54	10.7	0.5 MU	–	740705	IRC
37.6+2.2	18 50	+ 5 06	80	3.3E5 X	0.4 D	820213	ED
AFGL 5311S	18 50 01	− 3 16 18	10.7	0.5 MU	26 s	800213	770706
AFGL 2270	18 50 08	−21 33 06	11.0	−0.5 M	10 M	760913	
AFGL 5312S	18 50 13	− 7 57 18	19.8	−2.6 M	10 M	770706	
AFGL 5313S	18 50 16	+33 30 42	11.0	−0.7 M	10 M	"	
IRC 00387	18 50 19	− 2 51 24	8.6	0.4 M	–	740705	IRC
"	"	"	10.7	−0.9 M	–	"	"
FIR #26	18 50 30	+ 0 43	180	1.6E5 X	30 M	800803	ED
IR34.3+0.2	18 50 46.3	+ 1 11 12	8.7	3.8 J	9 s	790114	
"	"	"	9.5	0.7 JU	9 s	"	
"	"	"	10.1	4.1 J	9 s	"	
"	"	"	11.2	1.2 J	9 s	"	
"	"	"	12.5	12 J	9 s	"	
"	"	"	20	6.4 J	9 s	"	
AFGL 2271	18 50 50	+ 1 10 24	11.0	−2.3 M	10 M	760913	
"	"	"	19.8	−5.2 M	10 M	"	
AFGL 5315S	18 50 56	+17 03 12	11.0	−1.6 M	10 M	770706	
"	"	"	19.8	−3.0 M	10 M	"	
"	"	"	27.4	−6.4 M	10 M	"	
AFGL 5316S	18 50 56	−12 40 54	11.0	−0.5 M	10 M	"	
AFGL 5317S	18 50 59	+ 9 39 48	19.8	−2.2 M	10 M	"	
IRC 00388	18 51 01	+ 2 37 30	10.7	0.4 MU	–	740705	IRC
AFGL 5318S	18 51 10	+42 07 00	11.0	0.0 M	10 M	770706	
IRC+30345	18 51 11	+30 34 06	10.7	0.4 MU	–	740705	IRC
AFGL 2272	18 51 13	+ 0 36 12	8.4	−0.3 MV	17 s	800213	AFGL
"	"	"	8.6	−0.3 MV	26 s	"	"
"	"	"	10.7	−1.5 MV	26 s	"	"
"	"	"	11.0	−1.8 M	10 M	760913	
"	"	"	11.2	−1.7 MV	17 s	800213	AFGL
"	"	"	12.2	−1.6 MV	26 s	"	"
"	"	"	12.5	−1.8 MV	17 s	"	"
"	"	"	18	−2.3 M	26 s	"	"
IRC 00389	18 51 14	+ 0 34 42	8.4	−0.3 CV	–	760610	IRC
"	"	"	8.6	0.1 M	–	740705	"
"	"	"	10.7	−1.1 M	–	"	"
"	"	"	11.2	−1.7 CV	–	760610	"
"	"	"	12.2	−1.4 M	–	740705	"
"	"	"	12.5	−1.7 CV	–	760610	"
AFGL 2273S	18 51 15	+30 37 54	10.7	0.4 MU	26 s	800213	770706
IRC 00391	18 51 23	+ 1 33 06	10.7	0.0 MU	–	740705	IRC
AFGL 2274	18 51 39	+40 57 12	11.0	−0.8 M	10 M	760913	
NGC 6720	18 51 40	+32 58	11	1.6 JU	11 s	720301	RNGC
"	"	"	11	1.6 JU	–	"	"
"	"	"	51.8	12 XU	1 M	811107	"
AFGL 5319S	18 51 52	+36 49 18	19.8	−2.8 M	10 M	770706	
34.4–0.2	18 52	+ 1 09	80	2.4E5 X	0.4 D	820213	ED
"	"	"	150	1.2E5 X	.37 D	"	"
35.0+0.2	18 52	+ 1 52	150	1.9E5 X	.37 D	"	ED
AFGL 2275	18 52 02	−16 35 06	11.0	−0.9 M	10 M	760913	
IRC 00392	18 52 12	+ 0 21 30	8.7	0.82 M	–	790604	IRC
"	"	"	10	0.0 M	–	740705	"
"	"	"	10.0	−0.17 M	–	790604	"
"	"	"	11.4	−0.69 M	–	"	"
"	"	"	12.6	−0.84 M	–	"	"
AFGL 2276	18 52 16	+10 35 18	11.0	−1.1 M	10 M	760913	
AFGL 5321S	18 52 17	+ 0 22 00	10.6	0.0 M	26 s	800213	770706
AFGL 5322S	18 52 20	+27 50 24	11.0	−2.8 M	10 M	770706	
"	"	"	19.8	−2.8 M	10 M	"	
AFGL 2277S	18 52 38	+41 25 54	19.8	−3.1 M	10 M	"	
AFGL 2278	18 52 40	+36 50 54	11.0	−1.7 M	10 M	760913	
"	"	"	27.4	−6.5 M	10 M	"	
DEL LYR	18 52 45.2	+36 50 02	10	7.80 F	5.9 s	640201	779907
DEL 2 LYR	"	"	10	−1.18 C	–	670801	"
BS 7139	"	"	10.0	−1.15 M	–	751004	"
DEL 2 LYR	"	"	10.2	−1.10 M	–	700302	"
"	"	"	10.4	−1.15 C	–	650002	"
"	"	"	11	−1.66 M	–	710403	"
"	"	"	11.0	−1.66 C	–	710405	"
"	"	"	20	−1.8 M	14 s	760901	"
AFGL 2279	18 52 48	+42 25 18	11.0	−1.8 M	10 M	760913	
FIR #27	18 53 03	+ 1 30	180	1.6E5 X	30 M	800803	ED
W44	18 53 36	+ 1 16	80	65000 W	0.5 D	740711	589903
"	"	"	150	95000 W	0.5 D	"	"
AFGL 2282	18 53 41	−10 36 18	11.0	−0.6 M	10 M	760913	
AFGL 2284	18 53 47	+ 7 51 06	11.0	−1.7 M	10 M	"	
"	"	"	19.8	−4.4 M	10 M	"	
R LYR	18 53 48.7	+43 52 46	5.0	−2.37 M	–	700302	779907
"	"	"	8.4	−2.23 C	–	710203	"
"	"	"	8.4	−2.23 C	–	710405	"
"	"	"	10	17.0 F	5.9 s	640201	"
"	"	"	10	−2.15 C	–	670801	"
"	"	"	10.2	−2.17 M	–	700302	"
"	"	"	11	−2.80 M	–	710403	"
"	"	"	11.0	−2.35 C	–	710405	"
"	"	"	11.0	−2.35 C	–	710203	"
"	"	"	20	−2.62 M	9 s	731104	"
"	"	"	22.0	−2.90 M	–	700302	"
IR35.6–0.0	18 53 51.7	+ 2 16 30	10.1	0.9 J	9 s	790114	
AFGL 2285	18 53 55	+43 52 30	8.4	−2.2 M	11 s	800213	AFGL
"	"	"	11.0	−2.5 M	10 M	760913	
"	"	"	11.2	−2.4 M	11 s	800213	AFGL
"	"	"	19.8	−2.5 M	10 M	760913	
IRC+30347	18 53 59	+30 05 24	8.6	0.6 MU	–	740705	IRC
"	"	"	10.7	−0.7 M	–	"	"
AFGL 4241	18 54 01	+30 03 30	8.6	0.6 MU	26 s	800213	AFGL
"	"	"	10.7	−0.7 M	26 s	"	"
"	"	"	11.0	−1.0 M	10 M	760913	
M1–65	18 54 11.9	+10 48 14	10	4.2 MU	11 s	741009	769910
R CRA	18 54 23.9	−37 01 57	5.0	0.52 M	–	700302	CSI 79
"	"	"	10.2	−0.87 M	–	"	"
"	"	"	10.6	−1.1 M	–	730203	"
"	"	"	22	−3.3 M	–	"	"
AFGL 2286	18 54 47	−21 11 00	11.0	−0.6 M	10 M	760913	
AFGL 2287	18 55 15	+ 3 22 54	11.0	−1.2 M	10 M	"	
AFGL 2288	18 55 53	+ 4 35 24	11.0	−1.2 M	10 M	"	
"	"	"	19.8	−3.0 M	10 M	"	
AFGL 2289	18 56 03	−29 55 12	8.6	−2.2 M	–	800213	AFGL
"	"	"	10.7	−3.2 M	–	"	"
"	"	"	11.0	−3.5 M	10 M	760913	
"	"	"	12.2	−3.1 M	–	800213	AFGL
"	"	"	18	−4.0 M	–	"	"
CRL 2290	18 56 03.8	+ 6 38 52	5.0	91 J	–	760605	
"	"	"	8.4	170 J	–	"	
"	"	"	8.8	160 J	–	"	
"	"	"	10.4	150 J	–	"	

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
"	h m s	° ′ ″	10.6	220 J	–	"	
"	"	"	11.6	260 J	–	"	
"	"	"	12.6	360 J	–	"	
AFGL 2290	18 56 04	+ 6 38 18	8.4	−2.51 M	17 s	790401	
"	"	"	8.4	−1.7 M	17 s	800213	AFGL
"	"	"	8.6	−2.3 M	26 s	"	"
"	"	"	10.7	−2.1 M	26 s	"	"
"	"	"	11.0	−2.6 M	10 M	760913	
"	"	"	11.2	−2.1 M	17 s	800213	AFGL
"	"	"	12.2	−2.8 M	26 s	"	"
"	"	"	12.5	−3.44 M	17 s	790401	
"	"	"	12.5	−2.9 M	17 s	800213	AFGL
"	"	"	19.8	−4.5 M	10 M	760913	
"	18 56 04.0	+ 6 38 50	10.6	−2.5 MV	–	790106	
AFGL 2291	18 56 12	+12 56 06	11.0	−2.1 M	10 M	760913	
AD AQL	18 56 25.0	− 8 14 30	11.3	4.2 MU	–	721203	CSI 79
AR SGR	18 56 39.7	−23 46 36	11.3	4.1 MU	–	"	CSI 79
BS 7169	18 57 40.5	−37 07 53	10.6	3.8 M	–	730203	CSI 79
ANON 2	18 57 44.5	−37 02 16	10.6	4.0 MU	–	"	760503
S CRA	18 57 47.6	−37 01 21	8.4	2.73 M	36 s	760503	CSI 79
"	"	"	10.6	2.0 M	–	730203	"
"	"	"	11.1	1.69 M	36 s	760503	"
"	"	"	12.6	1.08 M	36 s	"	"
"	"	"	22	−0.9 M	–	730203	"
AFGL 2298S	18 57 59	+ 3 39 36	19.8	−3.5 M	10 M	770706	
36.2–1.0	18 58	+ 2 23	150	1.2E5 X	.37 D	820213	ED
ANON 1	18 58 12.4	−37 05 13	10.6	4.0 MU	–	730203	760503
TY CRA	18 58 18.5	−36 56 50	5.0	5.94 M	–	700302	CSI 79
"	"	"	10.6	3.0 M	–	730203	"
"	"	"	22	0.1 M	–	"	"
H–H 100	18 58 26.7	−37 02 36	5.0	3.0 M	35 s	740706	
"	"	"	8.4	1.5 M	35 s	"	
"	"	"	11.1	0.6 M	35 s	"	
"	"	"	12.6	0.2 M	35 s	"	
CRA H–H	18 58 28.3	−37 02 27	5.0	3.0 M	35 s	740103	
"	"	"	8.4	1.5 M	35 s	"	
H–H 100	"	"	8.4	1.35 M	36 s	760503	
"	"	"	11.1	0.50 M	36 s	"	
CRA H–H	"	"	11.2	0.6 M	35 s	740103	
"	"	"	12.6	0.2 M	35 s	"	
H–H 100	"	"	12.6	0.13 M	36 s	760503	
R CRA	18 58 31.5	−37 01 22	8.4	−0.45 M	36 s	"	
"	"	"	11.1	−1.21 M	36 s	"	
"	"	"	12.6	−1.48 M	36 s	"	
DG CRA	18 58 32	−37 27 54	10.6	4.0 MU	–	730203	GCVS
"	"	"	22	1.0 MU	–	"	"
T CRA	18 58 37	−37 02 18	5.0	4.69 M	–	700302	GCVS
"	"	"	8.4	2.60 M	36 s	760503	"
"	"	"	10.2	2.04 M	–	700302	"
"	"	"	10.6	1.6 M	–	730203	"
"	"	"	11.1	1.62 M	36 s	760503	"
"	"	"	12.6	1.59 M	36 s	"	"
"	"	"	22	−1.3 M	–	730203	"
FIR #28	18 58 56	+ 4 07	180	1.6E5 X	30 M	800803	ED
IR35.2–1.7	18 59 13.6	+ 1 09 01	8.7	8 J	9 s	790114	
"	"	"	9.5	8 J	9 s	"	
"	"	"	10.1	17 J	9 s	"	
"	"	"	11.2	17 J	9 s	"	
"	"	"	12.5	38 J	9 s	"	
"	"	"	20	100 J	9 s	"	
AFGL 2303	18 59 14	+ 4 07 42	19.8	−3.8 M	10 M	760913	
"	"	"	27.4	−6.3 M	10 M	"	
W48	18 59 14.2	+ 1 08 41	20	1.9 F	13 s	770104	
"	"	"	25	2.5 F	13 s	"	
"	"	"	33	2.2 F	13 s	"	
AFGL 2304	18 59 21	+ 1 07 42	11.0	−2.0 M	10 M	760913	
"	"	"	19.8	−4.9 M	10 M	"	
SH2–71	18 59 28.0	+ 2 04 56	10	3.5 MU	11 s	741009	739909
S 71	"	"	11	2.1 J	4 s	710102	"
SH2–71	"	"	11	2.1 J	11 s	720301	"
"	"	"	11	3.0 M	11 s	741009	"
"	"	"	11	2.1 J	–	720301	"
"	"	"	18	0.6 MU	11 s	741009	"
AFGL 5330S	18 59 29	+ 5 07 36	19.8	−3.5 M	10 M	770706	
VV CRA	18 59 45	−37 17 01	10.6	0.7 M	–	730203	GCVS
"	"	"	22	−1.3 M	–	"	"
IRC 00407	18 59 50	+ 1 26 06	10.7	0.4 MU	–	740705	IRC
AFGL 4242	18 59 57	+ 4 57 06	19.8	−3.6 M	10 M	760913	
NGC 6741	19 00 02.0	− 0 31 12	9.0	900 G	7 s	811008	739909
"	"	"	9.0	2.3 J	11 s	790409	"
"	"	"	10	3.6 M	11 s	741009	"
"	"	"	10.5	1700 G	7 s	811008	"
"	"	"	10.5	1000 G	10 s	800409	"
"	"	"	10.5	5.0 J	11 s	790409	"
"	"	"	12.8	1100 G	7 s	811008	"
"	"	"	12.8	3.0 J	11 s	790409	"
"	"	"	18	0.75 M	11 s	741009	"
AFGL 5331S	19 00 03	+ 1 24 36	8.6	1.6 MU	26 s	800213	770706
"	"	"	10.7	0.4 M	26 s	"	"
IRC 00408	19 00 04	+ 1 15 00	8.6	1.6 MU	–	740705	IRC
"	"	"	10.7	0.4 M	–	"	"
AFGL 2306S	19 00 09	+22 45 30	19.8	−2.3 M	10 M	770706	
AFGL 2307S	19 00 17	+25 15 54	19.8	−2.8 M	10 M	"	
AFGL 2309	19 00 41	−22 45 30	8.6	0.0 M	–	800213	AFGL
"	"	"	10.7	−1.0 M	–	"	"
"	"	"	11.0	−1.4 M	10 M	760913	
"	"	"	12.2	−0.9 M	–	800213	AFGL
AFGL 2310	19 00 45	+ 7 24 36	8.4	−2.6 MV	17 s	"	AFGL
"	"	"	8.6	−2.8 M	26 s	"	"
"	"	"	10.7	−3.2 M	26 s	"	"
"	"	"	11.0	−2.3 M	10 M	760913	
"	"	"	11.2	−3.0 MV	17 s	800213	AFGL
"	"	"	12.2	−3.4 M	26 s	"	"
"	"	"	12.5	−3.0 MV	17 s	"	"
"	"	"	19.8	−3.1 M	10 M	760913	
"	"	"	27.4	−6.3 M	10 M	"	
IRC+10401	19 00 53	+ 7 26 00	8.4	−2.6 CV	–	760610	IRC
"	"	"	11.2	−3.0 CV	–	"	"
"	"	"	12.5	−3.0 CV	–	"	"
38.8–0.4	19 01	+ 4 58	80	6.3E5 X	0.4 D	820213	ED
"	"	"	150	3.0E5 X	.37 D	"	"
AFGL 2313S	19 01 10	+ 5 26 48	11.0	−1.2 M	10 M	770706	
"	"	"	19.8	−2.8 M	10 M	"	
IRC+10402	19 01 11	+ 8 17 36	10.7	1.1 MU	–	740705	IRC
AFGL 4243	19 01 13	+57 46 18	19.8	−2.8 M	10 M	760913	
AFGL 5332S	19 01 22	+29 08 18	11.0	−1.3 M	10 M	770706	
"	"	"	19.8	−3.3 M	10 M	"	
K4–12	19 01 32.1	+16 21 49	10	3.3 MU	–	740708	819914

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
AFGL 2314	19 01 39	− 5 46 24	8.4	−1.2 M	11 s	800213	AFGL
"	"	"	8.6	−1.3 M	26 s	"	"
"	"	"	10.7	−1.7 M	26 s	"	"
"	"	"	11.0	−1.5 M	10 M	760913	
"	"	"	11.2	−1.5 M	11 s	800213	AFGL
"	"	"	12.2	−1.9 M	26 s	"	"
V AQL	19 01 43.9	− 5 45 37	8.4	−1.24 C	−	710203	CSI 79
"	"	"	8.6	−1.6 M	−	721103	"
"	"	"	10.8	−1.3 M	−	"	"
"	"	"	11.0	−1.48 C	−	710203	"
"	"	"	12.2	−1.7 M	−	721103	"
"	"	"	20	−1.6 M	14 s	760901	"
IRC+60262	19 02 11	+63 01 42	10.7	0.4 MU	−	740705	IRC
AFGL 5338S	19 02 52	+31 39 06	19.8	−2.2 M	10 M	770706	
AFGL 5337S	19 02 52	+39 10 30	19.8	−3.1 M	10 M	"	
AFGL 2316	19 02 53	+ 8 09 48	8.4	−1.0 M	17 s	800213	AFGL
"	"	"	8.6	−0.4 M	8.5 s	"	"
"	"	"	10.7	−1.0 M	8.5 s	"	"
"	"	"	11.0	−1.6 M	10 M	760913	
"	"	"	11.2	−1.6 M	17 s	800213	AFGL
"	"	"	12.2	−1.4 M	8.5 s	"	"
"	"	"	12.5	−1.7 M	17 s	"	"
CRL 2318	19 02 57.1	+20 17 26	10.6	170 J	12 s	780106	
CRL 2316	19 03 00.0	+ 8 08 20	11	110 J	−	760605	
AFGL 2318	19 03 04	+20 17 18	8.6	−0.7 M	26 s	800213	AFGL
"	"	"	10.7	−1.2 M	26 s	"	"
"	"	"	11.0	−1.5 M	10 M	760913	
"	"	"	12.2	−1.3 M	26 s	800213	AFGL
AFGL 5339S	19 03 05	+17 18 24	10.7	−0.3 MU	26 s	"	770706
"	"	"	27.4	−6.4 M	10 M	770706	
NGC 6751	19 03 15.0	− 6 04 07	10	4.1 M	11 s	741009	739909
"	"	"	18	0.5 M	11 s	"	"
AFGL 2319	19 03 17	+27 02 18	11.0	−0.8 M	10 M	760913	
IRC+20386	19 03 19	+17 16 12	10.7	−0.3 MU	−	740705	IRC
B133 2'W,2'N	19 03 22	− 6 56 00	235	91 W	2.2 M	810408	ED
AFGL 2320	19 03 24	+39 36 12	11.0	−0.6 M	10 M	760913	
B133	19 03 30	− 6 58 00	235	105 W	2.2 M	810408	
AFGL 5340S	19 03 32	+ 3 06 06	19.8	−3.6 M	10 M	770706	
IR40.6–0.1	19 03 35.5	+ 6 41 56	10.1	0.9 J	9 s	790114	
AFGL 5341S	19 03 37	− 8 57 36	19.8	−2.7 M	10 M	770706	
B133 2'E,2'S	19 03 38	− 7 00 00	235	56 W	2.2 M	810408	ED
AFGL 2322S	19 03 44	+29 49 18	19.8	−3.1 M	10 M	770706	
R AQL	19 03 57.6	+ 8 09 09	6.3	440 J	−	790402	CSI 79
"	"	"	8	S	V	721103	"
"	"	"	8.1	319 J	15 s	800510	"
"	"	"	8.4	−1.8 M	11 s	700906	"
"	"	"	8.4	−1.76 M	−	710403	"
"	"	"	9.57	305 J	15 s	800510	"
"	"	"	10	361 J	15 s	"	"
"	"	"	10	−2.2 ME	−	740408	"
"	"	"	10.0	−2.5 MV	−	790101	"
"	"	"	10.1	−2.54 C	−	720001	"
"	"	"	11	−2.87 M	−	710403	"
"	"	"	11.0	−2.9 M	11 s	700906	"
"	"	"	12.2	260 J	15 s	800510	"
"	"	"	20	−3.30 M	9 s	731104	"
"	"	"	20	178 J	15 s	800510	"
"	"	"	20	−3.16 M	−	821005	"
"	"	"	25	−3.55 M	−	"	"
"	"	"	30	185 J	15 s	800510	"
AFGL 2324	19 04 05	+ 8 07 48	8.6	−2.0 M	26 s	800213	AFGL
"	"	"	10.7	−2.4 M	26 s	"	"
"	"	"	11.0	−2.4 M	10 M	760913	
"	"	"	12.2	−2.4 M	26 s	800213	AFGL
"	"	"	18	−2.9 M	26 s	"	"
"	"	"	19.8	−3.5 M	10 M	760913	
FIR #29	19 04 12	+ 7 16	180	1.1E5 X	30 M	800803	ED
B134	19 04 15	− 5 19 36	235	32 W	2.2 M	810408	
V844 AQL	19 04 30.9	+ 7 04 22	20	−0.9 M	14 s	760901	CSI 79
AFGL 2326	19 04 33	+ 7 05 00	8.6	0.1 M	26 s	800213	AFGL
"	"	"	10.7	−0.2 M	26 s	"	"
"	"	"	11.0	−0.8 M	10 M	760913	
"	"	"	19.8	−3.4 M	10 M	"	
AFGL 2327	19 04 42	−17 04 48	11.0	−1.1 M	10 M	"	
IRC+30358	19 05 16	+30 06 54	10.7	−0.1 MU	−	740705	IRC
AFGL 5342S	19 05 36	+31 06 48	11.0	−0.1 M	10 M	770706	
AFGL 2329	19 05 40	+ 6 12 36	11.0	−0.8 M	10 M	760913	
AFGL 2330	19 05 56	−22 16 48	8.6	−1.4 M	−	800213	AFGL
"	"	"	10.7	−2.5 M	−	"	"
"	"	"	11.0	−1.6 M	10 M	760913	
"	"	"	12.2	−2.3 M	−	800213	AFGL
"	"	"	18	−3.1 M	−	"	"
IRC–20540	19 05 56	−22 19 12	10	−1.5 ME	−	740408	IRC
"	"	"	10.1	−1.21 C	−	720001	"
AFGL 5343S	19 06 11	− 4 07 54	10.7	0.3 MU	26 s	800213	770706
IRC 00413	19 06 13	− 4 08 24	10.7	0.3 MU	−	740705	IRC
IRC 00414	19 06 15	+ 3 11 12	10.7	−0.4 MU	−	"	IRC
AFGL 2331	19 06 30	+39 04 18	11.0	−0.8 M	10 M	760913	
FIR #30	19 06 38	+ 8 26	180	1.1E5 X	30 M	800803	ED
NGC 6764	19 07 01.5	+50 51 03	10.6	0.150 J	−	781209	769909
AFGL 2333	19 07 33	+ 9 20 06	11.0	−1.6 M	10 M	760913	
"	"	"	19.8	−3.2 M	10 M	"	
W49 NW	19 07 49.8	+ 9 01 11	29	S	50 s	800611	770208
"	"	"	53	12000 J	25 s	770208	ED
"	"	"	100	18300 J	28 s	"	"
"	"	"	175	8600 J	35 s	"	"
W49 IRS1	"	"	1000	77 J	55 s	780210	770208
W49 W	19 07 49.9	+ 9 01 18	350	1560 J	63 s	730703	760601
W49 A–1 OH	"	"	1230	55.5 J	−	760601	
W49 OH	19 07 50	+ 9 01 10	8	S	22 s	750905	ED
"	"	"	8.4	1.35 F	22 s	"	"
"	"	"	11.2	1.23 F	22 s	"	"
"	"	"	12.5	2.64 F	22 s	"	"
W49	19 07 50	+ 9 01 15	50	S	2.1 M	791208	761003
"	"	"	1000	86 J	1 M	761003	
W49 A (2)	19 07 50.4	+ 9 02 20	18	.0060 E	1.0 M	810208	
"	"	"	33	.0160 EU	1.5 M	"	
"	"	"	52	.0110 E	1.5 M	"	
"	"	"	57	.0020 EU	1.5 M	"	
"	"	"	88	.0043 E	1.5 M	"	
W49 A (1)	19 07 50.8	+ 9 01 14	18	.0090 EU	1.0 M	"	
AFGL 2334	19 07 54	+ 9 00 48	8.4	0.8 MV	17 s	800213	AFGL
"	"	"	11.0	−2.7 M	10 M	760913	
"	"	"	11.2	−0.7 MV	17 s	800213	AFGL
"	"	"	12.5	−1.7 MV	17 s	"	"
"	"	"	19.8	−5.8 M	10 M	760913	
"	"	"	27.4	−8.2 M	10 M	"	
W49 1'E	19 07 54	+ 9 01 15	51.8	71 X	1 M	811107	ED
W49 A	19 07 55.9	+ 9 01 01	88.4	56 X	75 s	791008	
W49	19 07 56	+ 9 03	400	3.1E5 X	8.4 M	710404	
AFGL 5345S	19 07 58	+ 7 43 30	11.0	−1.2 M	10 M	770706	
"	"	"	19.8	−3.0 M	10 M	"	
W49 E	19 07 58.2	+ 8 59 58	350	660 J	63 s	730703	ED
W49 A–2 OH	19 07 58.3	+ 9 00 01	1230	24.8 JU	−	760601	
HFE 58	19 07 59	+ 9 03	100	76000 J	12 M	711201	
42.4–0.4	19 08	+ 8 09	80	30000 X	0.4 D	820213	ED
"	"	"	150	80000 X	.37 D	"	"
43.2+0.0	19 08	+ 9 03	80	2.4E5 X	0.4 D	"	ED
"	"	"	150	1.0E5 X	.37 D	"	"
AP3–1	19 08 05.4	+ 2 44 33	10	3.9 MU	11 s	741009	769910
UCL 39	19 08 27	+ 9 01 30	100	3.7E5 W	−	751202	
AFGL 5347S	19 08 37	+21 57 12	10.7	0.9 MU	26 s	800213	770706
W49 B	19 08 44	+ 9 00 48	1230	32.4 JU	−	760601	
IRC+20389	19 08 53	+21 54 42	10.7	0.9 MU	−	740705	IRC
M1–67	19 09 16.7	+16 46 29	10	5.97 M	11 s	751104	739909
"	"	"	18	0.60 MU	11 s	"	"
AFGL 2337S	19 09 29	+10 03 06	8.6	−1.1 M	26 s	800213	770706
"	"	"	10.7	−1.9 M	26 s	"	"
"	"	"	11.0	−1.2 M	10 M	770706	
AFGL 2338	19 09 59	+66 00 42	11.0	−1.4 M	10 M	760913	
CRL 2341	19 10 53	+10 48 06	5.0	11.5 J	−	760604	
"	"	"	10.6	170 J	−	"	
45.4+0.2	19 11	+11 05	80	4.1E5 X	0.4 D	820213	ED
"	"	"	150	70000 X	.37 D	"	"
OH45.07+0.13	19 11 00.4	+10 45 44	10.7	22.9 J	25 s	770401	
G45.07+0.13	19 11 02	+10 46	7.7	S	11 s	820206	ED
AFGL 2341	19 11 02	+10 47 30	8.4	−0.4 M	17 s	800213	AFGL
"	"	"	11.0	−2.4 M	10 M	760913	
"	"	"	11.2	−2.0 M	17 s	800213	AFGL
"	"	"	12.5	−2.5 M	17 s	"	"
"	"	"	19.8	−5.3 M	10 M	760913	
"	"	"	27.4	−7.0 M	10 M	"	
AFGL 2342S	19 11 04	+25 55 36	11.0	−0.4 M	10 M	770706	
G45.1–0.1 IRS	19 11 06	+10 47 48	7.5	S	25 s	780612	ED
G45.1+0.1 IRS	"	"	8.99	12 X	25 s	"	"
"	"	"	10.5	22 X	25 s	"	"
"	"	"	12.8	38 X	25 s	"	"
G45.13+0.34	19 11 06.3	+10 48 29	10.7	169 J	25 s	770401	
G45.1+0.1	19 11 06.4	+10 48 24	6.99	5.2 X	27 s	811104	750706
"	"	"	8.4	77.6 J	12 s	750706	
"	"	"	10.2	102 J	12 s	"	
"	"	"	10.6	134 J	12 s	"	
"	"	"	11.1	170 J	12 s	"	
"	"	"	12.6	230 J	12 s	"	
"	"	"	18.71	15.8 X	30 s	811104	750706
"	"	"	21	1160 J	12 s	750706	
OH45.10+0.12	19 11 07.0	+10 46 42	10.7	4.0 JU	25 s	770401	
AFGL 5350S	19 11 18	+ 2 33 48	11.0	−1.4 M	10 M	770706	
AFGL 2343	19 11 22	+ 0 03 30	11.0	−1.8 M	10 M	760913	
"	"	"	19.8	−4.0 M	10 M	"	
G45.5+0.1IRS3	19 11 43.6	+11 07 45	10.6	2.7 M	10 s	771010	
OH45.47+0.13	19 11 46.1	+11 07 06	10.7	3.1 J	25 s	770401	
G45.18+0.13	19 11 46.9	+11 07 15	10.7	4.9 J	25 s	"	
HE2–430	19 11 50.9	+17 26 20	10	4.6 M	11 s	741009	769910
G45.5+0.1IRS2	19 11 57.8	+11 05 24	10.6	0.6 M	10 s	771010	
AFGL 2345	19 11 58	+11 04 54	11.0	−2.0 M	10 M	760913	
"	"	"	19.8	−4.5 M	10 M	"	
"	"	"	27.4	−6.7 M	10 M	"	
AFGL 2345.2	−	−	8.4	1.0 M	17 s	800213	ED
"	−	−	11.2	0.6 M	17 s	"	"
"	−	−	12.5	0.0 M	17 s	"	"
OH45.5+0.1	19 11 58.3	+11 05 20	8.7	21 J	9 s	800709	771109
"	"	"	8.7	18 JV	9 s	771109	
"	"	"	9.5	14 JV	9 s	"	
"	"	"	9.5	19 J	9 s	800709	771109
"	"	"	10.1	19 JV	9 s	771109	
"	"	"	10.1	18 J	9 s	800709	771109
"	"	"	11.2	21 J	9 s	"	"
"	"	"	11.2	18 JV	9 s	771109	
"	"	"	12.5	18 JV	9 s	"	
"	"	"	12.5	21 J	9 s	800709	771109
"	"	"	20	33 JV	9 s	771109	
"	"	"	30	40 J	30 s	800709	771109
"	"	"	50	60 J	30 s	"	"
46.6+0.8	19 12	+12 26	80	30000 XU	0.4 D	820213	ED
"	"	"	150	1.5E5 X	.37 D	"	"
G45.5+0.1	19 12 00.0	+11 04 00	8.4	9.86 J	12 s	750706	
"	"	"	10.2	7.98 J	12 s	"	
"	"	"	10.6	15.7 J	12 s	"	
"	"	"	11.1	19.3 J	12 s	"	
"	"	"	11.6	50 J	75 s	"	
"	"	"	12.6	31.2 J	12 s	"	
"	"	"	21	314 J	12 s	"	
G45.5+0.1IRS1	19 12 00.2	+11 04 06	10.6	2.0 M	10 s	771010	
OH45.4+0.0	19 12 04.4	+11 04 15	10.6	2.8 JU	−	750706	
OH45.47+0.05	"	"	10.7	3.0 JU	25 s	770401	
AFGL 2348	19 12 39	+67 33 48	10.7	0.8 M	26 s	800213	AFGL
AFGL 2349	19 12 40	− 7 08 18	8.4	−3.3 MV	17 s	"	AFGL
"	"	"	8.6	−3.6 M	26 s	"	"
"	"	"	10.7	−4.2 M	26 s	"	"
"	"	"	11.0	−4.0 M	10 M	760913	
"	"	"	11.2	−3.8 MV	17 s	800213	AFGL
"	"	"	12.2	−4.5 M	26 s	"	"
"	"	"	12.5	−3.9 MV	17 s	"	"
"	"	"	19.8	−4.4 M	10 M	760913	
W AQL	19 12 41.6	− 7 08 08	20	−4.12 M	−	741002	CSI 79
AFGL 5352S	19 12 47	+22 00 00	8.6	0.7 M	26 s	800213	770706
"	"	"	10.7	−0.6 M	26 s	"	"
IRC+20390	19 12 50	+21 59 30	8.6	0.7 M	−	740705	IRC
"	"	"	10.7	−0.6 M	−	"	"
AFGL 5353S	19 12 53	+14 36 54	11.0	−0.8 M	10 M	770706	
RY SGR	19 13 16.9	−33 36 39	5	0.99 M	−	781001	CSI 79
"	"	"	5.0	0.04 M	−	690902	"
"	"	"	10	−0.4 M	−	730008	"
"	"	"	10.2	−0.17 M	−	690902	"
"	"	"	20	−0.8 M	−	730008	"
CRL 2350	19 13 25.6	+ 9 32	5.0	140 J	−	760604	
"	"	"	10.6	270 J	−	"	
"	19 13 28	+ 9 34 06	8	S	18 s	761210	AFGL
AFGL 2350	"	"	8.4	−1.7 MV	17 s	800213	"
CRL 2350	"	"	8.4	−1.7 C	18 s	761210	"
AFGL 2350	"	"	8.6	−2.8 M	26 s	800213	"
"	"	"	10.7	−3.6 M	26 s	"	"
"	"	"	11.0	−2.5 M	10 M	760913	
"	"	"	11.2	−2.6 MV	17 s	800213	AFGL
CRL 2350	"	"	11.2	−2.6 C	18 s	761210	"

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
	h m s	° ′ ″					
AFGL 2350			12.2	−3.7 M	26 s	800213	"
"	"	"	12.5	−2.6 MV	17 s	"	"
CRL 2350	"	"	12.5	−2.6 C	18 s	761210	"
AFGL 2350	"	"	19.8	−3.2 M	10 M	760913	
AFGL 5356S	19 13 44	+22 54 00	11.0	−1.3 M	10 M	770706	
IRC+70152	19 13 45	+67 26 42	10.7	0.2 MU	–	740705	IRC
AFGL 2355S	19 14 08	+34 35 18	19.8	−3.1 M	10 M	770706	
AFGL 2354S	19 14 08	− 8 24 12	11.0	−0.6 M	10 M	"	
IRC+30365	19 14 15	+29 15 06	10.7	0.4 MU	–	740705	IRC
AFGL 2356	19 14 16	+67 26 48	8.6	0.7 M	26 s	800213	AFGL
"	"	"	10.7	0.1 M	26 s	"	"
"	"	"	11.0	−0.6 M	10 M	760913	
AFGL 5357S	19 14 23	+29 14 54	10.7	0.4 MU	26 s	800213	770706
AFGL 5358S	19 14 26	+22 24 06	19.8	−3.1 M	10 M	770706	
AFGL 2357	19 14 33	+38 02 24	11.0	−0.7 M	10 M	760913	
"	"	"	19.8	−3.5 M	10 M	"	
AFGL 2358	19 14 37	+21 48 42	11.0	−0.5 M	10 M	"	
IRC+10414	19 14 38	+ 9 58 54	10.7	0.7 M	–	740705	IRC
AFGL 2359	19 15 09	+11 50 54	11.0	−0.6 M	10 M	760913	
"	"	"	19.8	−3.5 M	10 M	"	
"	"	"	27.4	−6.4 M	10 M	"	
AFGL 2360	19 15 15	+12 04 12	19.8	−3.1 M	10 M	"	
CRL 2361	19 15 46.5	−17 06 36	11	26 J	12 s	780106	770502
NGC 6778	19 15 49.4	− 1 41 24	10.5	17 JU	22 s	720301	739909
"	"	"	10.5	6 XU	–	"	"
"	"	"	11	1.5 JU	11 s	"	"
"	"	"	11	1.5 JU	–	"	"
AFGL 2361	19 15 52	−17 08 30	8.6	−1.1 M	26 s	800213	AFGL
"	"	"	10.7	−1.8 M	26 s	"	"
"	"	"	11.0	−1.4 M	10 M	760913	
"	"	"	12.2	−2.2 M	26 s	800213	AFGL
AFGL 2362	19 16 01	+23 45 48	8.6	0.5 M	26 s	"	AFGL
"	"	"	10.7	0.1 M	26 s	"	"
"	"	"	11.0	−1.3 M	10 M	760913	
"	"	"	12.2	0.4 M	26 s	800213	AFGL
"	"	"	19.8	−3.1 M	10 M	760913	
CRL 2362	19 16 06.9	+23 43 58	10.6	48 J	12 s	780106	
AFGL 2363	19 16 17	−15 58 12	11.0	−0.9 M	10 M	760913	
EP LYR	19 16 19.0	+27 45 31	11.3	4.9 MU	–	721203	CSI 79
AFGL 4247	19 16 44	+49 05 06	19.8	−2.7 M	10 M	760913	
ESO 141-G55	19 16 57.0	−58 45 52	8.3	5.93 M	3.5 s	820311	789906
"	"	"	9.4	6.53 M	3.5 s	"	"
"	"	"	10.3	5.76 M	3.5 s	"	"
"	"	"	12.0	5.49 M	3.5 s	"	"
AFGL 5362S	19 17 05	+27 12 36	11.0	−0.6 M	10 M	770706	
AFGL 5363S	19 17 22	− 6 39 42	11.0	−1.6 M	10 M	"	
AFGL 2366	19 17 32	+22 27 06	11.0	−0.7 M	10 M	760913	
AFGL 5364S	19 17 33	+68 48 30	11.0	−0.7 M	10 M	770706	
AFGL 2368	19 17 36	− 8 06 06	8.4	−2.1 M	17 s	800213	AFGL
"	"	"	8.6	−2.6 MV	26 s	"	"
"	"	"	10.7	−3.1 MV	26 s	"	"
"	"	"	11.0	−3.2 M	10 M	760913	
"	"	"	11.2	−2.8 M	17 s	800213	AFGL
"	"	"	12.2	−3.5 MV	26 s	"	"
"	"	"	12.5	−2.8 M	17 s	"	"
"	"	"	19.8	−3.6 M	10 M	760913	
IRC-10502	19 17 37	− 8 07 36	8.4	−2.1 C	–	760610	IRC
"	"	"	11.2	−2.8 C	–	"	"
"	"	"	12.5	−2.7 C	–	"	"
CRL 2370	19 17 48.1	−26 20 02	5.0	180 J	–	760604	
"	"	"	8.8	110 J	–	"	
"	"	"	10.6	190 J	–	"	
"	"	"	10.6	150 J	–	"	
"	"	"	10.8	430 J	–	"	
"	"	"	11.6	460 J	–	"	
"	"	"	12.6	120 J	–	"	
AFGL 2370	19 17 49	−26 15 36	11.0	−1.9 M	10 M	760913	
AS 353	19 18 10	+10 56	10	3.9 M	11 s	741108	AS
AS 353A	"	"	50	3 JU	–	820410	"
"	"	"	100	1.6 J	–	"	"
AFGL 2371	19 18 13	+13 49 48	11.0	−1.2 M	10 M	760913	
"	"	"	19.8	−3.9 M	10 M	"	
HD 231195	19 18 23.1	+14 19 27	8.7	3.44 M	–	741105	CSI 79
"	"	"	10.0	3.66 M	–	"	"
"	"	"	11.4	3.51 M	–	"	"
AFGL 5368S	19 18 39	+41 37 12	11.0	−0.7 M	10 M	770706	
AFGL 2373	19 18 50	−16 00 42	8.6	−0.1 M	26 s	800213	AFGL
"	"	"	10.7	−0.9 M	26 s	"	"
"	"	"	11.0	−1.1 M	10 M	760913	
"	"	"	12.2	−0.9 M	26 s	800213	AFGL
UPS SGR	19 18 51.7	−16 03 01	8.6	−0.5 M	–	731004	CSI 79
"	"	"	8.6	−0.10 M	–	740603	"
"	"	"	8.7	−0.42 M	11 s	740807	"
"	"	"	10	−0.84 M	11 s	"	"
"	"	"	10.7	−0.91 M	–	740603	"
"	"	"	11	−1.65 M	–	710403	"
"	"	"	11.3	−1.3 M	–	731004	"
"	"	"	11.4	−1.19 M	11 s	740807	"
"	"	"	12.2	−0.86 M	–	740603	"
"	"	"	12.2	−1.3 M	–	731004	"
"	"	"	12.6	−1.26 M	11 s	740807	"
"	"	"	18	−1.3 M	–	731004	"
"	"	"	19.5	−1.45 M	11 s	740807	"
"	"	"	20	−1.5 M	14 s	760901	"
"	"	"	22	−1.3 M	–	731004	"
K4-24	19 18 56.2	+14 00 26	10	3.6 M	–	740708	739909
AFGL 2374	19 19 13.2	+ 9 22 14	10.6	−1.9 M	–	790106	"
"	19 19 15	+ 9 23 12	8.6	−1.1 M	26 s	800213	AFGL
"	"	"	10.7	−1.1 M	26 s	"	"
"	"	"	11.0	−1.6 M	10 M	760913	
"	"	"	12.2	−1.7 M	26 s	800213	AFGL
"	"	"	19.8	−2.9 M	10 M	760913	
BD+14 3887	19 19 17.3	+14 47 08	5.0	4.24 M	–	700302	CSI 79
"	"	"	10.2	3.41 M	–	"	"
AFGL 2375	19 19 25	+17 33 54	11.0	−1.8 M	10 M	760913	
AFGL 4248	19 19 49	+57 30 12	8.6	1.2 M	26 s	800213	AFGL
"	"	"	11.0	−4.2 M	10 M	760913	
HFE 59	19 19 58	+14 08	100	24000 J	12 M	711201	
50.4+0.4	19 20	+15 35	150	60000 X	.37 D	820213	ED
W51 C CO	19 20 03	+14 00 54	1230	26.5 JU	–	760601	
AFGL 2376	19 20 09	+13 58 30	11.0	−2.5 M	10 M	760913	
"	"	"	19.8	−5.7 M	10 M	"	
"	"	"	27.4	−7.8 M	10 M	"	
W51 D	19 20 23	+14 01 54	1230	34.0 JU	–	760601	
NGC 6790	19 20 24.5	+ 1 25 02	8	S	3.4 s	791104	739909
"	"	"	8.6	2.1 M	–	741009	"
"	"	"	8.99	0.5 XU	3.4 s	791104	"
"	"	"	9.0	500 G	6 s	811008	"
"	"	"	10.5	0.98 X	3.4 s	791104	"
"	"	"	10.5	350 G	6 s	811008	"
"	"	"	10.5	3600 G	10 s	800409	"
"	"	"	10.5	17 J	22 s	720301	"
"	"	"	10.5	1.4 X	–	"	"
"	"	"	10.8	1.5 M	–	741009	"
"	"	"	11	20 J	11 s	720301	"
"	"	"	11	20 J	–	"	"
"	"	"	11	0.6 M	–	741009	"
"	"	"	11.3	0.8 M	–	"	"
"	"	"	12.8	0.30 X	3.4 s	791104	"
"	"	"	12.8	100 GU	6 s	811008	"
"	"	"	18	−1.0 M	–	741009	"
AFGL 2377S	19 20 25	+ 7 20 12	11.0	−0.6 M	10 M	770706	
AFGL 2378	19 20 38	+14 23 00	11.0	−1.7 M	10 M	760913	
"	"	"	19.8	−4.5 M	10 M	"	
IRC 00427	19 20 38	− 2 41 36	10.7	0.5 MU	–	740705	IRC
W51 E	19 20 42.6	+14 10 00	1230	21.4 JU	–	760601	
AFGL 2379	19 20 44	+14 10 00	11.0	−2.1 M	10 M	760913	
"	"	"	19.8	−4.6 M	10 M	"	
"	"	"	27.4	−6.5 M	10 M	"	
W51 B	19 20 50	+14 20	400	1.2E5 X	8.4 M	710404	
NOVA AQL 1982	19 20 50.1	+ 2 23 35	8	.0037 J	–	820711	829901
"	"	"	8.7	2.4 M	–	820709	"
"	"	"	9	.0049 J	–	820711	"
"	"	"	10	.0088 J	–	"	"
"	"	"	10.0	1.4 M	–	820709	"
"	"	"	11	.0089 J	–	820711	"
"	"	"	11.4	0.9 M	–	820709	"
"	"	"	12	.0070 J	–	820711	"
"	"	"	12.6	0.8 M	–	820709	"
"	"	"	13	.0038 J	–	820711	"
"	"	"	20.0	1.0 M	–	820709	"
AFGL 5370S	19 20 54	− 2 42 54	10.7	0.5 MU	26 s	800213	770706
AFGL 2380	19 20 55	+14 47 42	11.0	−1.4 M	10 M	760913	
"	"	"	19.8	−3.1 M	10 M	"	
W51 B	19 20 56	+14 21 00	1230	37.8 JU	–	760601	
49.5-0.3	19 21	+14 28	80	7.3E5 X	0.4 D	820213	ED
"	"	"	150	7.0E5 X	.37 D	"	"
K4-21	19 21 06	+10 46	10	1.9 M	–	740708	P−K
HFE 60	19 21 18	+14 21	100	1.3E5 J	12 M	711201	
W51 1'W	19 21 21	+14 24 40	51.8	290 X	1 M	811107	ED
W51	19 21 21.7	+14 25 10	51.8	730 X	2.2 M	801012	
"	"	"	57.3	230 X	2.2 M	"	
"	"	"	88.4	310 X	2.2 M	"	
W51 IRS2	19 21 22.1	+14 25 12	8	S	22 s	750905	
"	"	"	8.4	5.5 F	22 s	"	
"	"	"	11.2	6.4 F	22 s	"	
"	"	"	21	3000 J	50 s	790511	
"	"	"	40	13000 J	50 s	"	
"	"	"	56	27000 J	50 s	"	
"	"	"	58	25000 J	30 s	"	
"	"	"	58	28000 J	50 s	"	
"	"	"	74	22000 J	30 s	"	
"	"	"	82	28000 J	50 s	"	
"	"	"	142	17000 J	50 s	"	
W51 IRS2N	19 21 22.3	+14 25 13	5	8 J	3.5 s	820102	
"	"	"	10	76 J	3.5 s	"	
"	"	"	20	510 J	3.5 s	"	
W51 IRS2	19 21 22.3	+14 25 15	29	S	50 s	800611	
W51 IRS2S	19 21 22.4	+14 25 12	5	24 J	3.5 s	820102	
"	"	"	10	75 J	3.5 s	"	
"	"	"	20	540 J	3.5 s	"	
W51 IRS2	19 21 22.5	+14 25 16	6.98	14 XU	28 s	790210	
"	"	"	7.46	9 XU	28 s	"	
"	"	"	20	12 F	13 s	770104	ED
"	"	"	25	16 F	13 s	"	"
"	"	"	33	9.9 F	13 s	"	"
W51 A	19 21 23	+14 26	400	6.4E5 X	8.4 M	710404	
W51	19 21 23.0	+14 24 54	88.4	110 X	75 s	791008	
"	19 21 23.3	+14 24 52	55	D	V	750203	
"	"	"	100	D	V	"	
W51 A	19 21 23.9	+14 25 40	77	P	–	820913	
AFGL 2381	19 21 24	+14 24 30	8.6	−0.8 M	26 s	800213	AFGL
"	"	"	10.7	−1.6 M	26 s	"	"
"	"	"	11.0	−3.6 M	10 M	760913	
"	"	"	12.2	−3.0 M	26 s	800213	AFGL
"	"	"	18	−5.1 M	26 s	"	"
"	"	"	19.8	−6.9 M	10 M	760913	
"	"	"	27.4	−8.8 M	10 M	"	
W51 IRS1S	19 21 24.0	+14 24 40	10	75 J	3.5 s	820102	
"	"	"	20	3500 J	3.5 s	"	
W51 IRS1	19 21 24.2	+14 24 42	8	S	22 s	750905	ED
"	"	"	8.4	1.8 F	22 s	"	"
"	"	"	11.2	1.9 F	22 s	"	"
"	"	"	12.5	3.0 F	22 s	"	"
W51 A	19 21 24.5	+14 24 42	1230	125.8 J	–	760601	
W51 IRS1N	19 21 24.5	+14 24 51	10	87 J	3.5 s	820102	
"	"	"	20	4000 J	3.5 s	"	
W51 1'S	19 21 25	+14 23 40	51.8	630 X	1 M	811107	ED
W51	19 21 25	+14 24 40	34	4700 J	12 s	730805	780407
"	"	"	50	S	2.1 M	791208	"
"	"	"	51.8	790 X	1 M	811107	"
"	"	"	57.3	120 X	1 M	"	"
"	"	"	88.4	0.068 W	4 M	780407	
"	"	"	350	2700 J	63 s	730703	780407
W51 1'N	19 21 25	+14 25 40	51.8	70 XU	1 M	811107	ED
W51	19 21 27	+14 24 30	610	S	2.5 M	800602	
"	19 21 28.8	+14 24 41	17	S	2.7 M	790810	
"	"	"	18.7	330 X	2.7 M	"	
"	"	"	45	S	6 M	770604	ED
"	"	"	50.6	S	6 M	790112	
"	"	"	51.8	2100 X	6 M	"	
W51 1'E,1'S	19 21 29	+14 23 40	51.8	220 X	1 M	811107	ED
W51 1'E	19 21 29	+14 24 40	51.8	70 XU	1 M	"	ED
VY 2-2	19 21 59.0	+ 9 47 59	8	S	8.0 s	820715	739909
"	"	"	8.6	1.8 M	–	741009	"
"	"	"	10	1.3 M	–	"	"
"	"	"	10.8	0.8 M	–	"	"
"	"	"	11.3	0.95 M	–	"	"
"	"	"	12.8	0.9 M	–	"	"
"	"	"	18	−1.8 M	–	"	"
"	"	"	22	−1.9 M	–	"	"
NOVA AQL 1970	19 22 16	+ 4 08 51	10	−0.03 MV	–	700804	740813
"	"	"	22	−0.6 MV	–	"	"
IRC+30369	19 22 29	+28 25 06	10.7	0.6 MU	–	740705	IRC
AFGL 2383	19 23 10	+50 09 24	8.4	−2.1 M	11 s	800213	AFGL
"	"	"	11.0	−2.9 M	10 M	760913	

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
"	h m s	° ′ ″	11.2	−2.6 M	11 s	800213	AFGL
"	"	"	19.8	−3.5 M	10 M	760913	
AFGL 2384	19 23 11	+76 27 36	8.4	−0.3 M	11 s	800213	AFGL
"	"	"	11.0	−0.6 M	10 M	760913	
"	"	"	11.2	−0.4 M	11 s	800213	AFGL
AFGL 5374S	19 23 13	+35 56 00	11.0	−1.3 M	10 M	770706	
"	"	"	19.8	−3.0 M	10 M	"	
CH CYG	19 23 14.1	+50 08 31	8.4	−2.13 C	-	710203	779907
"	"	"	11.0	−2.57 C	-	"	"
"	"	"	20	−3.09 M	9 s	731104	"
AFGL 2385S	19 23 21	+53 32 00	11.0	−0.6 M	10 M	770706	
UX DRA	19 23 22.4	+76 27 42	8.4	−0.4 M	-	721103	779907
"	"	"	8.4	−0.28 C	-	710203	"
"	"	"	8.4	4.67 F	-	761005	"
"	"	"	8.6	3.70 F	-	"	"
"	"	"	10.8	−0.7 M	-	721103	"
"	"	"	10.8	2.18 F	-	761005	"
"	"	"	11.0	1.85 F	-	"	"
"	"	"	11.0	−0.41 C	-	710203	"
AFGL 2386S	19 23 41	+60 55 30	19.8	−2.8 M	10 M	770706	
IRC+20403	19 23 43	+21 23 30	10.7	1.0 MU	-	740705	IRC
WW VUL	19 23 49.4	+21 06 25	8.4	3.0 MU	11 s	730005	CSI 79
"	"	"	11.0	3.0 M	11 s	"	"
AFGL 5375S	19 23 54	+68 55 36	19.8	−2.7 M	10 M	770706	
IRC+20404	19 24 02	+16 34 36	10.7	0.5 M	-	740705	IRC
AFGL 5377S	19 24 10	+16 36 12	10.7	0.5 M	26 s	800213	770706
AFGL 2388	19 24 13	+71 34 12	19.8	−3.0 M	10 M	760913	
AFGL 2389	19 24 14	+36 07 06	19.8	−2.9 M	10 M	"	
IRC+10420	19 24 26	+11 15 12	8	S	-	760809	IRC
"	"	"	8.4	−2.81 M	-	760307	"
"	"	"	9.7	−3.88 M	-	"	"
"	"	"	10.5	S	1.7 s	800904	"
"	"	"	10.5	−4.25 M	-	760307	"
"	"	"	11.2	−4.34 M	-	"	"
"	"	"	12.5	−4.13 M	-	"	"
"	"	"	16	S	30 s	791015	"
"	"	"	20	21 FV	30 s	"	"
"	"	"	20	−6.44 M	-	760307	"
"	"	"	40	1450 J	-	820410	"
"	"	"	50	930 J	-	"	"
"	"	"	100	240 J	-	"	"
"	19 24 27.0	+11 15 03	8.6	−3.3 MV	-	730101	
"	"	"	10.7	−4.5 MV	-	"	
"	"	"	12.2	−4.6 MV	-	"	
"	"	"	18	−5.9 MV	-	"	
"	"	"	20	−6.3 MV	-	"	
"	"	"	22	−6.4 M	-	"	
AFGL 2390	19 24 30	+11 15 36	8.6	−3.2 M	8.5 s	800213	AFGL
"	"	"	8.6	−3.2 MV	26 s	"	"
"	"	"	10.7	−4.6 M	8.5 s	"	"
"	"	"	10.7	−4.5 MV	26 s	"	"
"	"	"	11.0	−4.2 M	10 M	760913	
"	"	"	12.2	−4.7 M	8.5 s	800213	AFGL
"	"	"	12.2	−4.0 MV	26 s	"	"
"	"	"	18	−6.4 M	8.5 s	"	"
"	"	"	19.8	−6.2 M	10 M	760913	
"	"	"	27.4	−6.7 M	10 M	"	
LHA 483-41	19 24 34	+23 48 00	10	4.7 MU	11 s	741108	820108
AFGL 5379S	19 24 41	+ 0 56 30	11.0	−0.9 M	10 M	770706	
CRL 2392	19 24 49.0	+ 6 57 36	5.0	99 J	-	760605	
"	"	"	8.4	65 J	-	"	
"	"	"	8.8	50 J	-	"	
"	"	"	10.4	125 J	-	"	
"	"	"	10.6	80 J	-	"	
"	"	"	12.6	90 J	-	"	
AFGL 2391	19 24 51	−17 25 12	11.0	−1.3 M	10 M	760913	
AFGL 2392	19 24 55	+ 6 56 54	7.9	0.5 M	8.5 s	800213	AFGL
"	"	"	8.5	0.1 M	8.5 s	"	"
"	"	"	8.6	−0.6 M	26 s	"	"
"	"	"	10.55	−0.4 M	8.5 s	"	"
"	"	"	10.7	−0.9 M	26 s	"	"
"	"	"	11.0	−1.1 M	10 M	760913	
"	"	"	12.2	−1.1 M	26 s	800213	AFGL
"	"	"	12.52	−0.4 M	8.5 s	"	"
IRC+10421	19 24 55	+11 23 42	10.7	0.3 MU	-	740705	IRC
HD 183143	19 25 13.2	+18 11 36	8.4	2.73 M	-	710403	CSI 79
"	"	"	8.5	2.73 M	-	700805	"
"	"	"	8.7	2.70 M	-	780704	"
"	"	"	10	3.14 M	11 s	770504	"
"	"	"	11	2.95 M	-	710403	"
"	"	"	11.5	2.95 M	-	700805	"
AFGL 2393S	19 25 40	+33 25 06	19.8	−3.1 M	10 M	770706	
PARSAMYAN 21	19 26 37.5	+ 9 32 24	10	3.7 M	11 s	741017	
"	"	"	18	1.4 M	11 s	"	
AFGL 2395	19 26 41	+24 32 30	11.0	0.1 M	10 M	760913	
AFGL 5381S	19 26 47	+17 54 18	19.8	−3.0 M	10 M	770706	
NOVA VUL 1976	19 27 06	+20 21	8.5	0.3 MV	-	761213	790115
"	"	"	8.5	−0.8 MV	-	780209	"
"	"	"	8.8	−1.94 MV	35 s	780001	"
"	"	"	10.6	−1.94 MV	35 s	"	"
"	"	"	10.6	−0.6 MV	-	780209	"
"	"	"	10.6	−0.1 MV	-	761213	"
"	"	"	10.7	−0.33 MV	35 s	780001	"
"	"	"	12.5	−1.89 MV	35 s	"	"
"	"	"	12.5	−1.0 MV	-	761213	"
"	"	"	12.5	−0.9 MV	-	780209	"
"	"	"	18	−2.0 MV	-	"	"
"	"	"	18	−1.7 M	-	761213	"
"	"	"	20	−2.8 MV	35 s	780001	"
AFGL 5383S	19 27 09	+ 4 27 12	11.0	−1.2 M	10 M	770706	
"	"	"	19.8	−2.9 M	10 M	"	
"	"	"	27.4	−2.0 M	10 M	"	
AFGL 2396	19 27 13	+45 56 42	11.0	−0.6 M	10 M	760913	
AFGL 2397S	19 27 20	+13 55 54	11.0	−1.4 M	10 M	770706	
AFGL 2400	19 27 37	+ 0 56 36	11.0	−1.3 M	10 M	760913	
AFGL 2398	19 27 38	+ 2 49 36	11.0	−1.6 M	10 M	"	
"	"	"	19.8	−3.5 M	10 M	"	
K4-27	19 27 57.5	+11 17 22	10	3.4 M	-	740708	769910
AFGL 4249	19 28 05	+18 11 36	11.0	−1.4 M	10 M	760913	
"	"	"	19.8	−3.2 M	10 M	"	
AFGL 2402	19 28 06	− 2 54 06	11.0	−3.2 M	10 M	"	
AFGL 2403	19 28 17	+19 42 30	11.0	−1.0 M	10 M	"	
"	"	"	19.8	−3.0 M	10 M	"	
AFGL 2405S	19 28 33	+15 32 54	19.8	−3.0 M	10 M	770706	
AFGL 2406	19 28 38	+27 52 06	11.0	−0.9 M	10 M	760913	
BET 2 CYG	19 28 44.3	+27 51 31	10	4.71 M	11 s	740807	CSI 79
AFGL 2407	19 28 53	+46 02 42	11.0	−1.0 M	10 M	760913	
NGC 6803	19 28 53.5	+ 9 57 00	9.0	900 G	6 s	811008	739909
"	"	"	9.0	1.7 J	11 s	790409	"
"	"	"	10	3.8 M	11 s	741009	"
"	"	"	10.5	2200 G	6 s	811008	"
"	"	"	10.5	10.3 J	11 s	790409	"
"	"	"	11	1.7 J	11 s	720301	"
"	"	"	11	3.3 M	11 s	741009	"
"	"	"	11	1.7 J	-	720301	"
"	"	"	12.8	1300 G	6 s	811008	"
"	"	"	18	0.7 M	11 s	741009	"
IRC+20412	19 29 02	+23 24 12	10.7	0.6 MU	-	740705	IRC
AFGL 5386S	19 29 07	+23 24 24	10.7	0.6 MU	26 s	800213	770706
AFGL 5387S	19 29 12	+49 46 24	19.8	−3.2 M	10 M	770706	
AFGL 2408	19 29 24	+18 36 48	11.0	−0.9 M	10 M	760913	
"	"	"	19.8	−3.2 M	10 M	"	
AFGL 2409	19 29 36	+43 31 24	11.0	−1.7 M	10 M	"	
"	"	"	19.8	−3.6 M	10 M	"	
"	"	"	27.4	−6.6 M	10 M	"	
55.6+0.6	19 30	+20 15	80	2.7E5 X	0.4 D	820213	ED
"	"	"	150	20000 X	.37 D	"	"
AFGL 2410	19 30 03	+13 15 12	19.8	−2.7 M	10 M	760913	
AFGL 4250	19 30 39	+13 37 30	11.0	−1.8 M	10 M	"	
"	"	"	19.8	−2.7 M	10 M	"	
AFGL 2412	19 30 41	+ 4 56 24	19.8	−2.8 M	10 M	"	
CRL 2413	19 30 42.9	+13 38 14	11	46 J	12 s	780106	770502
AFGL 5393S	19 31 11	+ 1 32 18	19.8	−3.6 M	10 M	770706	
"	"	"	27.4	−6.3 M	10 M	"	
AFGL 2414	19 31 11	+23 31 54	11.0	−1.5 M	10 M	760913	
AFGL 5394S	19 31 14	+32 35 36	11.0	−1.1 M	10 M	770706	
AQ SGR	19 31 27.0	−16 29 01	8.4	−0.03 C	-	710203	CSI 79
"	"	"	11.0	−0.49 C	-	"	"
AFGL 2416	19 31 28	−16 28 48	8.4	−0.0 M	11 s	800213	AFGL
"	"	"	11.0	−1.1 M	10 M	760913	
"	"	"	11.2	−0.5 M	11 s	800213	AFGL
AFGL 5395S	19 31 37	+45 21 48	19.8	−3.2 M	10 M	770706	
NGC 6807	19 32 06.0	+ 5 34 28	10	4.1 M	11 s	741009	739909
"	"	"	18	0.9 M	11 s	"	"
IRC+30374	19 32 12	+27 57 00	8	S	-	760610	IRC
"	"	"	8.4	−2.3 CV	-	"	"
"	"	"	8.6	−2.5 M	-	740705	"
"	"	"	10.7	−3.0 M	-	"	"
"	"	"	11.2	−2.8 CV	-	760610	"
"	"	"	12.2	−2.9 M	-	740705	"
"	"	"	12.5	−2.8 CV	-	760610	"
AFGL 2417	19 32 12	+27 57 54	8.4	−2.2 MV	17 s	800213	AFGL
"	"	"	8.6	−2.2 MV	26 s	"	"
"	"	"	10.7	−2.7 MV	26 s	"	"
"	"	"	11.0	−2.8 M	10 M	760913	
"	"	"	11.2	−2.7 MV	17 s	800213	AFGL
"	"	"	12.2	−2.7 MV	26 s	"	"
"	"	"	12.5	−2.8 M	17 s	"	"
"	"	"	12.5	−3.0 M	17 s	"	"
"	"	"	12.5	−2.8 MV	17 s	"	"
"	"	"	12.5	−2.8 M	17 s	"	"
"	"	"	18	−2.6 M	26 s	"	"
"	"	"	18	−2.9 M	26 s	"	"
"	"	"	19.8	−3.4 M	10 M	760913	
AFGL 5398S	19 32 34	+23 44 48	19.8	−3.0 M	10 M	770706	
HFE 61	19 32 41	+21 56	100	15000 J	12 M	711201	
AFGL 5399S	19 32 43	+30 40 18	19.8	−2.7 M	10 M	770706	
AFGL 4251	19 32 45	+30 23 00	11.0	−1.3 M	10 M	760913	
"	"	"	19.8	−3.6 M	10 M	"	
BD+30 3639	19 32 47.4	+30 24 20	8	S	V	730706	CSI 79
"	"	"	8	S	4.7 s	820715	"
"	"	"	8.4	2.3 F	-	720301	"
"	"	"	8.6	0.0 M	11 s	740605	"
"	"	"	8.9	5 XU	6 s	710207	"
"	"	"	9	S	6 s	700903	"
"	"	"	9.0	500 G	6 s	811008	"
"	"	"	10.3	0.0 M	11 s	740605	"
"	"	"	10.5	100 GU	6 s	811008	"
"	"	"	10.5	1.5 XU	6 s	710207	"
"	"	"	10.5	2.5 XU	6 s	700903	"
"	"	"	10.5	400 G	10 s	800409	"
"	"	"	11	80 J	11 s	720301	"
"	"	"	11	80 J	-	"	"
"	"	"	11.0	1.9 F	-	"	"
"	"	"	11.3	−0.8 M	11 s	740605	"
"	"	"	11.5	4 XU	6 s	710207	"
"	"	"	11.5	91 J	26 s	690705	"
"	"	"	12.4	−1.3 M	11 s	740605	"
"	"	"	12.8	22 X	V	730706	"
"	"	"	12.8	3800 G	6 s	811008	"
"	"	"	12.8	15 XU	6 s	710207	"
"	"	"	12.8	−1.3 M	11 s	740605	"
"	"	"	18	−2.7 M	11 s	"	"
"	"	"	18	2.4 F	-	720301	"
"	"	"	18.7	4.0 X	4.7 s	770411	"
"	"	"	20	1.12 F	13 s	761011	"
"	"	"	22	−3.0 M	11 s	740605	"
"	"	"	25	0.94 F	13 s	761011	"
"	"	"	27	−2.8 M	11 s	740605	"
"	"	"	33	0.38 F	13 s	761011	"
"	"	"	37	319 J	20 s	800604	"
"	"	"	37	283 J	27 s	"	"
"	"	"	52	240 J	20 s	"	"
"	"	"	52	195 J	55 s	"	"
"	"	"	70	133 J	27 s	"	"
"	"	"	108	55 J	55 s	"	"
AFGL 5400S	19 32 54	+ 0 36 18	19.8	−2.6 M	10 M	770706	
AFGL 2419S	19 33 09	+72 49 24	11.0	−1.0 M	10 M	"	
AFGL 5405S	19 33 26	+47 41 12	11.0	−0.4 M	10 M	"	
IRC+20418	19 34 13	+23 31 36	10.7	−0.1 MU	-	740705	IRC
M1-92	19 34 18	+29 26	20	−1.2 M	14 s	760901	730001
B335 0.2M W	19 34 23	+ 7 27 30	450	34 J	1.3 M	800806	ED
B335	19 34 35	+ 7 27 30	140	33 J	1.7 M	"	
"	"	"	190	84 J	1.7 M	"	
"	"	"	235	61 J	1.7 M	"	
"	"	"	235	94 W	1.7 M	810408	
"	"	"	350	420 JU	63 s	730703	800806
AFGL 5407S	19 34 38	+21 36 36	10.7	0.2 M	26 s	800213	770706
"	"	"	11.0	−0.8 M	10 M	770706	
"	"	"	19.8	−2.7 M	10 M	"	
IRC+30377	19 34 48	+25 13 12	10.7	0.4 M	-	740705	IRC
IRC+20419	19 34 50	+21 36 54	8.7	0.78 M	-	790604	IRC
"	"	"	10.0	0.07 M	-	"	"
"	"	"	10.7	0.2 M	-	740705	"
"	"	"	11.4	−0.05 M	-	790604	"
"	"	"	12.6	−0.46 M	-	"	"

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
55.2–0.8	19 35	+19 12	80	2.0E5 X	0.4 D	820213	ED
"	"	"	150	50000 X	.37 D	"	"
B335 0.5M E	19 35 05	+ 7 27 30	160	12 J	0.7 M	800806	ED
AFGL 5408S	19 35 09	+20 28 18	11.0	−0.9 M	10 M	770706	
"	"	"	19.8	−2.8 M	10 M	"	
R CYG	19 35 28.7	+50 05 12	8.4	−0.68 C	–	710203	779907
"	"	"	8.6	0.0 M	–	721103	"
"	"	"	10.8	−0.6 M	–	"	"
"	"	"	11.0	−1.27 C	–	710203	"
"	"	"	12.2	0.1 M	–	721103	"
"	"	"	18.0	−1.0 M	–	"	"
"	"	"	20	−2.00 M	9 S	731104	"
AFGL 2422	19 35 37	+50 05 36	8.4	−0.7 M	11 S	800213	AFGL
"	"	"	11.0	−1.1 M	10 M	760913	
"	"	"	11.2	−1.3 M	11 S	800213	AFGL
"	"	"	19.8	−2.9 M	10 M	760913	
RT AQL	19 35 38.3	+11 35 02	20	−2.12 M	–	821005	CSI 79
"	"	"	25	−2.38 M	–	"	"
AFGL 2423	19 35 40	+11 38 12	11.0	−1.4 M	10 M	760913	
AFGL 2424	19 35 40	+69 41 12	19.8	−3.7 M	10 M	"	
B335 1.1M E	19 35 41	+ 7 27 30	190	86 J	1.7 M	800806	ED
"	"	"	235	56 J	1.7 M	"	"
"	"	"	325	52 J	1.7 M	"	"
"	"	"	410	45 J	1.7 M	"	"
AFGL 2425	19 36 11	−16 57 30	11.0	−1.6 M	10 M	760913	
"	"	"	19.8	−3.0 M	10 M	"	
AFGL 5410S	19 36 46	+30 55 48	19.8	−2.5 M	10 M	770706	
AFGL 2426	19 36 52	+28 22 24	11.0	−0.9 M	10 M	760913	
AFGL 5411S	19 36 55	+16 26 00	19.8	−2.7 M	10 M	770706	
"	"	"	27.4	−6.4 M	10 M	"	
AFGL 5412S	19 37 02	+12 03 30	19.8	−3.2 M	10 M	"	
IRC+20423	19 37 06	+17 03 42	10.7	−0.2 MU	–	740705	IRC
AFGL 5413S	19 37 08	+20 02 54	11.0	−1.5 M	10 M	770706	
"	"	"	27.4	−5.3 M	10 M	"	
AFGL 5414S	19 37 32	+30 03 54	19.8	−2.7 M	10 M	"	
HE2–442	19 37 40.1	+26 22 48	8	S	4.7 S	820715	769910
"	"	"	8.6	0.7 M	–	741009	"
"	"	"	8.6	1.1 M	–	740708	"
"	"	"	10	0.4 M	–	741009	"
"	"	"	11.3	0.25 M	–	"	"
"	"	"	11.3	0.8 M	–	740708	"
"	"	"	18	−0.6 M	–	741009	"
"	"	"	18	−1.1 MU	–	740708	"
CRL 2428	19 38 06.9	+33 15 04	5.0	38 J	–	760605	
"	"	"	8.4	25 J	–	"	
"	"	"	8.8	30 J	–	"	
"	"	"	10.4	20 J	–	"	
"	"	"	10.6	20 J	–	"	
"	"	"	11.6	30 J	–	"	
"	"	"	12.6	30 J	–	"	
AFGL 2428	19 38 08	+33 15 42	8.6	0.1 M	26 S	800213	AFGL
"	"	"	10.7	−0.3 M	26 S	"	"
"	"	"	11.0	−1.0 M	10 M	760913	
"	"	"	12.2	−0.3 M	26 S	800213	AFGL
K3–44	19 38 41.0	+18 37 51	10	3.3 M	–	740708	819914
AFGL 2432	19 38 52	+32 29 54	8.4	0.8 M	11 S	800213	AFGL
"	"	"	11.2	0.8 M	11 S	"	"
AFGL 2433	19 38 58	+39 56 12	11.0	−2.1 M	10 M	760913	
"	"	"	19.8	−2.2 M	10 M	"	
TT CYG	19 39 01.9	+32 30 02	8.4	0.82 C	–	710203	779907
"	"	"	11.0	0.80 C	–	"	"
AFGL 2434	19 39 02	+17 20 36	11.0	−0.5 M	10 M	760913	
IRC+40357	19 39 10	+36 36 36	8.6	1.7 M	–	740705	IRC
"	"	"	10.7	0.4 M	–	"	"
AFGL 2436	19 39 37	+48 41 06	11.0	−0.4 M	10 M	760913	
HM SGE	19 39 41	+16 37 33	8.4	−0.65 MV	V	780217	ED
"	"	"	8.4	0.6 M	–	770712	"
"	"	"	8.4	−0.63 MV	–	780710	"
"	"	"	10.5	−1.69 MV	V	780217	"
"	"	"	10.8	−1.66 MV	V	"	"
"	"	"	11.1	−1.65 MV	V	"	"
"	"	"	11.2	−1.59 MV	V	"	"
"	"	"	11.2	−1.6 M	–	770712	"
"	"	"	11.2	−1.66 MV	–	780710	"
"	"	"	11.3	−1.60 MV	V	780217	"
"	"	"	11.6	−1.56 MV	V	"	"
"	"	"	12.5	−1.39 MV	V	"	"
"	"	"	12.5	−1.4 M	–	770712	"
"	"	"	12.8	−1.29 MV	V	780217	"
"	"	"	13.0	−1.27 MV	V	"	"
"	"	"	50	5 J	–	820410	"
"	"	"	100	5 JU	–	"	"
A63	19 39 55.2	+16 58 00	10	4.4 MU	11 S	741009	769910
NGC 6814	19 39 55.4	−10 26 37	10	0.4 J	V	700306	759903
"	"	"	10	0.15 JU	6 S	720901	"
"	"	"	10.6	0.056 J	–	781209	"
"	"	"	12.0	5.47 M	3.5 S	820311	789906
M1–74	19 40 01.3	+15 01 57	10	4.5 M	11 S	741009	739909
"	"	"	18	0.45 MU	11 S	"	"
K4–32	19 40 01.6	+24 23 06	10	4.3 MU	–	740708	819914
IRC+40359	19 40 05	+42 05 36	10.7	0.3 MU	–	740705	IRC
AFGL 5416S	19 40 33	+42 06 12	10.7	0.3 MU	26 S	800213	770706
"	"	"	11.0	−1.2 M	10 M	770706	
59.4–0.2	19 41	+23 09	80	90000 X	0.4 D	820213	ED
"	"	"	150	40000 X	.37 D	"	"
AFGL 4252	19 41 07	+ 0 04 30	11.0	−1.4 M	10 M	760913	
"	"	"	19.8	−3.9 M	10 M	"	
AFGL 2439	19 41 07	+55 21 18	11.0	−0.9 M	10 M	"	
NGC 6818	19 41 09.0	−14 16 21	10.5	12 J	22 S	720301	739909
"	"	"	10.5	4 X	–	"	"
"	"	"	11	2.7 JU	11 S	"	"
"	"	"	11	1.9 JU	–	"	"
IRC 00450	19 41 14	+ 3 37 24	8.4	0.0 C	–	760610	IRC
"	"	"	8.6	1.0 M	–	740705	"
"	"	"	10.7	−2.0 M	–	"	"
"	"	"	11.2	−1.2 C	–	760610	"
"	"	"	12.2	−1.6 M	–	740705	"
"	"	"	12.5	−1.1 C	–	760610	"
AFGL 2440	19 41 14	+ 3 38 12	8.4	0.0 MV	17 S	800213	AFGL
"	"	"	8.6	−0.3 MV	26 S	"	"
"	"	"	10.7	−1.4 MV	26 S	"	"
"	"	"	11.0	−1.8 M	10 M	760913	
"	"	"	11.2	−1.1 MV	17 S	800213	AFGL
"	"	"	12.2	−0.7 MV	26 S	"	"
"	"	"	12.5	−1.0 MV	17 S	"	"
"	"	"	18	−1.9 M	26 S	"	"
IRC+10435	19 41 42	+14 09 42	10.7	0.9 MU	–	740705	IRC
IRC+30385	19 41 42	+34 22 06	10.7	−0.2 M	–	"	IRC

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
AFGL 2443	19 41 47	+34 22 24	10.7	−0.2 M	26 S	800213	AFGL
"	"	"	11.0	−1.1 M	10 M	760913	
HE2–446	19 41 57.5	+23 19 42	10	3.2 M	11 S	741009	769910
"	"	"	10	3.5 M	–	740708	"
"	"	"	18	1.0 M	11 S	741009	"
NGC 6822	19 42 06.4	−14 55 23	1670	8.4 JU	1 M	761201	759903
CRL 2445	19 42 16.1	+35 06 50	5.0	38 J	–	760604	
"	"	"	8.8	40 J	–	"	
"	"	"	10.6	52 J	–	"	
"	"	"	10.6	40 J	–	"	
"	"	"	10.8	14 J	–	"	
"	"	"	11.6	50 J	–	"	
"	"	"	12.6	27 J	–	"	
AFGL 2445	19 42 21	+35 07 54	8.4	−0.7 M	17 S	800213	AFGL
"	"	"	11.0	−1.8 M	10 M	760913	
"	"	"	11.2	−1.9 M	17 S	800213	AFGL
"	"	"	12.5	−1.8 M	17 S	"	"
"	"	"	19.8	−3.2 M	10 M	760913	
AFGL 2447S	19 42 51	+33 15 30	11.0	−0.5 M	10 M	770706	
"	"	"	19.8	−2.6 M	10 M	"	
AFGL 2448	19 43 07	+19 46 30	11.0	−1.1 M	10 M	760913	
NGC 6826	19 43 31	+50 24	10	3.85 M	11 S	741009	RNGC
"	"	"	10.5	3.1 J	11 S	790409	"
"	"	"	10.5	4.7 J	22 S	720301	"
"	"	"	10.5	1.5 X	–	"	"
"	"	"	11	1.0 JU	11 S	"	"
"	"	"	11	3.9 MU	11 S	741009	"
"	"	"	11	3.1 JU	–	720301	"
"	"	"	11.5	12 JU	26 S	690705	"
"	"	"	18	0.5 MU	11 S	741009	"
AFGL 5426S	19 43 38	+30 07 00	11.0	−1.2 M	10 M	770706	
AFGL 2452	19 43 42	+ 1 33 36	19.8	−3.1 M	10 M	760913	
DY AQL	19 43 44.3	−11 04 22	11.3	3.2 MU	–	721203	CSI 79
GAM AQL	19 43 52.9	+10 29 23	5.0	0.09 M	–	700302	CSI 79
"	"	"	10.2	−1.13 M	–	"	"
"	"	"	22.0	−1.12 M	–	"	"
AFGL 2453	19 43 57	+10 30 42	11.0	−1.1 M	10 M	760913	
AFGL 2454	19 44 10	+24 27 18	11.0	−1.7 M	10 M	"	
"	"	"	19.8	−4.2 M	10 M	"	
S 88 STAR 5	19 44 38.5	+25 05 50	10	1.3 JU	9 S	811105	ED
S 88 STAR 1	19 44 40.0	+25 05 40	10	3.0 JU	9 S	"	ED
AFGL 2455	19 44 41	+25 05 12	10.7	1.8 M	26 S	800213	AFGL
"	"	"	11.0	−2.4 M	10 M	760913	
"	"	"	19.8	−5.2 M	10 M	"	
"	"	"	27.4	−6.9 M	10 M	"	
S 88 P	19 44 41.0	+25 05 20	10	2.3 J	9 S	811105	ED
S 88B	19 44 41.8	+25 05 18	5	S	27 S	821101	770711
"	"	"	6.99	12.0 X	27 S	"	"
"	"	"	8	S	11 S	"	"
"	"	"	8.4	0.456 F	17 S	770711	
"	"	"	10.2	0.110 F	17 S	"	
"	"	"	11.1	0.291 F	17 S	"	
"	"	"	12.6	0.42 F	17 S	"	
"	"	"	16	S	30 S	821101	770711
"	"	"	17.0	0.42 F	17 S	770711	
"	"	"	18.7	9.0 X	30 S	821101	770711
S 88 S	19 44 42.5	+25 05 10	10	2.4 J	16 S	811105	ED
AFGL 5428S	19 44 50	+53 05 00	11.0	−0.8 M	10 M	770706	
61.6+0.0	19 45	+25 09	80	30000 X	0.4 D	820213	ED
"	"	"	150	1.4E5 X	.37 D	"	"
AFGL 2456	19 45 08	+18 24 54	11.0	−1.3 M	10 M	760913	
AFGL 5429S	19 45 10	+15 55 00	11.0	−1.4 M	10 M	770706	
AFGL 5430S	19 45 22	+59 28 24	11.0	−1.0 M	10 M	"	
AFGL 4253	19 45 26	+ 9 21 54	11.0	−1.1 M	10 M	760913	
"	19 45 31.7	+ 9 20 39	11.2	0.1 M	17 S	790401	
IRC+10440	19 45 44	+14 43 00	8.6	0.8 MU	–	740705	IRC
"	"	"	10.7	0.8 MU	–	"	"
HD 187238	19 46 02.9	+22 38 13	8.7	2.18 M	–	741105	CSI 79
"	"	"	10.0	2.01 M	–	"	"
"	"	"	11.4	2.03 M	–	"	"
"	"	"	12.6	2.19 M	–	"	"
AFGL 2457S	19 46 04	+23 46 36	11.0	−0.2 M	10 M	770706	
"	"	"	19.8	−3.1 M	10 M	"	
HD 187299	19 46 15.4	+24 53 01	8.7	3.30 M	–	741105	CSI 79
"	"	"	10.0	3.18 M	–	"	"
"	"	"	11.4	3.69 M	–	"	"
HE1–3	19 46 15.5	+22 02 28	10	3.6 MU	11 S	741009	769910
64.8+1.4	19 47	+28 37	80	1.2E5 X	0.4 D	820213	ED
"	"	"	150	1.0E5 X	.37 D	"	"
AFGL 2460	19 47 10	+26 43 00	11.0	−1.5 M	10 M	760913	
"	"	"	19.8	−3.5 M	10 M	"	
DF CYG	19 47 15.7	+42 54 40	11.3	3.4 M	–	721203	779907
AFGL 2461	19 47 24	− 7 43 24	8.6	−2.2 M	26 S	800213	AFGL
"	"	"	10.7	−3.4 M	26 S	"	"
"	"	"	11.0	−3.0 M	10 M	760913	
"	"	"	12.2	−3.5 M	26 S	800213	AFGL
"	"	"	19.8	−3.6 M	10 M	760913	
GY AQL	19 47 25	− 7 44 33	20	−3.78 M	–	741002	GCVS
AFGL 4254	19 47 40	+ 8 23 30	11.0	−1.3 M	10 M	760913	
BD+24 3902	19 48 04.7	+24 49 30	20	−2.0 M	14 S	760901	CSI 79
AFGL 2462	19 48 09	+24 46 12	11.0	−1.6 M	10 M	760913	
NGC 6833	19 48 17	+48 50	10	4.6 MU	11 S	741009	RNGC
ALF AQL	19 48 19.7	+ 8 43 58	5.0	−0.20 M	–	700302	CSI 79
"	"	"	10.2	−0.32 M	–	"	"
"	"	"	11	0.26 M	–	710403	"
"	"	"	22.0	−0.24 M	–	700302	"
CI CYG	19 48 20.6	+35 33 23	5.0	4.31 M	–	"	779907
"	"	"	10	3.38 M	–	810913	"
"	"	"	10.2	3.82 M	–	700302	"
K3–47	19 48 23.8	+28 03 41	10	2.3 M	–	740708	819914
AFGL 2465	19 48 35	+32 47 18	8.4	−3.4 M	11 S	800213	AFGL
"	"	"	8.4	−3.7 MV	17 S	"	"
"	"	"	11.0	−3.9 M	10 M	760913	
"	"	"	11.2	−4.2 M	11 S	800213	AFGL
"	"	"	11.2	−4.3 MV	17 S	"	"
"	"	"	12.5	−4.2 MV	17 S	"	"
"	"	"	19.8	−4.5 M	10 M	760913	
AFGL 2464	19 48 35	+70 09 54	11.0	−0.5 M	10 M	"	
CHI CYG	19 48 38.5	+32 47 11	5	D	–	751103	779907
"	"	"	5.0	−2.61 C	–	640501	"
"	"	"	5.0	−3.19 M	–	700302	"
"	"	"	8.4	−3.35 C	–	710203	"
"	"	"	8.4	−3.21 C	–	710405	"
"	"	"	8.4	−3.51 CV	–	750104	"
"	"	"	8.4	−3.21 M	–	710403	"
"	"	"	8.6	−3.5 M	–	721103	"
"	"	"	10	0.189 F	V	660501	"
"	"	"	10	55.6 F	5.9 S	640201	"

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
"	h m s	° ′ ″	10	−3.42 M	–	650004	"
"	"	"	10	−3.35 CV	–	650101	"
"	"	"	10.1	−3.37 M	15 s	681101	"
"	"	"	10.2	−3.73 M	–	700302	"
"	"	"	10.4	−3.42 C	–	640501	"
"	"	"	10.8	−4.5 M	–	721103	"
"	"	"	11	−4.21 CV	–	750104	"
"	"	"	11	−4.00 M	–	710403	"
"	"	"	11.0	−4.16 C	–	710203	"
"	"	"	11.0	−4.00 C	–	710405	"
"	"	"	12.2	−4.3 M	–	721103	"
"	"	"	18.0	−4.6 M	–	"	"
"	"	"	20	−4.42 M	9 s	731104	"
"	"	"	22.0	−4.24 M	–	700302	"
AFGL 2466	19 48 48	+38 35 42	11.0	−0.6 M	10 M	760913	
AFGL 2468S	19 49 15	+22 24 06	11.0	−0.9 M	10 M	770706	
SV VUL	19 49 27.7	+27 19 51	8.4	3.3 M	11 s	700906	CSI 79
"	"	"	8.6	3.3 M	–	721203	"
"	"	"	11.0	2.5 M	11 s	700906	"
"	"	"	11.3	2.5 M	–	721203	"
CRL 825-2650	19 49 33.0	+ 8 36 13	5.0	37 J	–	760605	
"	"	"	8.4	60 J	–	"	
"	"	"	8.8	50 J	–	"	
"	"	"	10.4	90 J	–	"	
"	"	"	10.6	50 J	–	"	
"	"	"	11.6	100 J	–	"	
"	"	"	12.6	55 J	–	"	
AFGL 5438S	19 50 13	+42 22 24	11.0	−1.8 M	10 M	770706	
"	"	"	19.8	−2.9 M	10 M	"	
AFGL 2471	19 50 18	+22 18 18	11.0	−2.1 M	10 M	760913	
"	"	"	19.8	−3.6 M	10 M	"	
BD+22 3840	19 50 20.5	+22 19 24	20	−2.9 M	14 s	760901	CSI 79
AFGL 4255	19 51 15	+ 0 41 12	19.8	−4.1 M	10 M	760913	
K4-40	19 52 06	+24 50	10	2.9 M	–	740708	P−K
CYG XR-1	19 52 19	+32 47	100	10000 JU	12 M	711201	
AFGL 2472	19 52 23	+49 27 48	11.0	0.0 M	10 M	760913	
"	"	"	19.8	−2.9 M	10 M	"	
IRC+10443	19 52 40	+11 28 30	10.7	0.6 MU	–	740705	IRC
RR SGR	19 52 48.9	−29 19 16	20	−1.75 M	–	821005	CSI 79
AFGL 4256	19 53 05	+27 04 12	11.0	−1.3 M	10 M	760913	
"	"	"	19.8	−2.9 M	10 M	"	
AFGL 5443S	19 53 38	+15 28 18	10.7	0.6 M	26 s	800213	770706
"	"	"	19.8	−2.8 M	10 M	770706	
IRC+20441	19 53 42	+15 29 36	10.7	0.6 M	–	740705	IRC
CRL 2474	19 53 46	+22 14 06	8.4	0.14 M	17 s	790401	
"	"	"	12.5	−0.40 M	17 s	"	
AFGL 5444S	19 53 50	+32 36 42	11.0	−1.0 M	10 M	770706	
ETA CYG	19 54 25.7	+34 56 57	10.9	1.41 M	V	820417	CSI 79
AFGL 5445S	19 54 41	+17 12 06	11.0	−0.5 M	10 M	770706	
"	"	"	19.8	−2.8 M	10 M	"	
AFGL 2477	19 54 43	+30 35 18	8.4	−1.2 MV	17 s	800213	AFGL
"	"	"	11.0	−1.2 M	10 M	760913	
"	"	"	11.2	−2.1 MV	17 s	800213	AFGL
"	"	"	12.5	−2.3 MV	17 s	"	"
"	"	"	19.8	−3.0 M	10 M	760913	
"	19 54 50.0	+30 35 57	8.4	−1.23 M	17 s	790401	
"	"	"	11.2	−1.97 M	17 s	"	
"	"	"	12.5	−2.23 M	17 s	"	
IRC+40367	19 54 52	+40 16 00	10.7	0.3 MU	–	740705	IRC
AFGL 2478S	19 54 55	+33 53 36	11.0	−1.4 M	10 M	770706	
CRL 2477	19 54 55.9	+30 35 55	11	40 J	–	760605	
AFGL 2479	19 54 56	− 2 00 24	11.0	−2.7 M	10 M	760913	
"	"	"	19.8	−3.3 M	10 M	"	
RR AQL	19 54 59.7	− 2 01 06	10	−2.5 ME	–	740408	CSI 79
"	"	"	10.1	−2.42 C	–	720001	"
"	"	"	20	−3.47 M	–	741002	"
V1016 CYG	19 55 19.9	+39 41 38	8	S	10 s	801010	CSI 79
"	"	"	10	−0.5 MV	–	740208	"
"	"	"	20	−1.56 M	–	741002	"
"	"	"	20	0.72 J	–	740208	"
"	"	"	50	5 J	–	820410	"
"	"	"	100	5 JU	–	"	"
AFGL 5447S	19 55 32	+39 41 24	11.0	−0.8 M	10 M	770706	
AFGL 2481	19 55 42	− 3 40 12	19.8	−3.3 M	10 M	760913	
AFGL 2482	19 55 56	+33 00 18	11.0	−1.2 M	10 M	"	
AFGL 2483	19 56 01	−13 44 12	19.8	−5.0 M	10 M	"	
IRC+30403	19 56 22	+25 12 54	10.7	0.7 MU	–	740705	IRC
HDE 226868	19 56 28.7	+35 03 54	10	5.85 M	5 s	801214	CSI 79
AFGL 2485	19 56 39	+19 21 00	11.0	−1.0 M	10 M	760913	
"	"	"	19.8	−2.8 M	10 M	"	
AFGL 5450S	19 57 10	− 4 07 18	10.7	0.8 MU	26 s	800213	770706
IRC 00460	19 57 14	− 4 08 42	10.7	0.8 MU	–	740705	IRC
AS 374	19 57 16	+31 19	10	4.9 M	V	750505	AS
AFGL 2486	19 57 42	+17 22 48	11.0	−1.3 M	10 M	760913	
AFGL 2487S	19 57 43	−13 40 06	11.0	−1.1 M	10 M	770706	
3C 405	19 57 44.4	+40 35 45	1570	17 JU	1 M	761201	769906
AFGL 4257	19 57 47	+ 1 11 48	19.8	−3.2 M	10 M	760913	
AFGL 5452S	19 57 55	+ 9 28 12	19.8	−3.5 M	10 M	770706	
AFGL 5453S	19 57 57	+35 09 12	19.8	−2.8 M	10 M	"	
CYG A	19 58 31.0	+40 39 36	10	0.18 J	6 s	720901	
AFGL 2488	19 58 34	+36 38 36	8.4	0.1 MV	17 s	800213	AFGL
"	"	"	8.6	−0.0 MV	26 s	"	"
"	"	"	10.6	−0.6 M	26 s	"	"
"	"	"	10.7	−1.2 MV	26 s	"	"
"	"	"	11.0	−1.1 M	10 M	760913	
"	"	"	11.2	−1.3 MV	17 s	800213	AFGL
"	"	"	12.2	−1.1 MV	26 s	"	"
"	"	"	12.5	−1.1 MV	17 s	"	"
"	"	"	18	−2.0 M	26 s	"	"
"	"	"	19.8	−2.5 M	10 M	760913	
AFGL 4258	19 58 36	+ 1 14 54	19.8	−3.2 M	10 M	"	
IRC+40371	19 58 39	+36 38 12	8.4	0.0 C	–	760610	IRC
"	"	"	8.6	0.0 M	–	740705	"
"	"	"	10	−0.6 M	–	"	"
"	"	"	10.7	−1.0 M	–	"	"
"	"	"	11.2	−1.4 C	–	760610	"
"	"	"	12.5	−1.4 C	–	"	"
HD 189711	19 58 39.6	+ 9 22 30	5.0	3.54 M	–	700302	CSI 79
"	"	"	10.2	3.51 M	–	"	"
AFGL 2489S	19 58 41	−10 05 42	19.8	−3.2 M	10 M	770706	
AFGL 2490	19 58 42	+52 00 24	11.0	−0.3 M	10 M	760913	
AFGL 2492	19 59 08	+33 02 00	19.8	−3.6 M	10 M	"	
AFGL 5454S	19 59 09	+40 01 36	11.0	−1.3 M	10 M	770706	
AFGL 2494	19 59 21	+40 45 42	8.4	−1.5 MV	17 s	800213	AFGL
CRL 2494	"	"	8.4	−2.0 C	18 s	761210	"
AFGL 2494	"	"	11.0	−2.9 M	10 M	760913	
"	"	"	11.2	−2.2 MV	17 s	800213	AFGL
CRL 2494	"	"	11.2	−2.7 C	18 s	761210	"

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
AFGL 2494	h m s	° ′ ″	12.5	−2.3 MV	17 s	800213	"
CRL 2494	"	"	12.5	−2.8 C	18 s	761210	"
AFGL 2494	"	"	19.8	−3.6 M	10 M	760913	
CRL 2494	19 59 24.5	+40 47 30	5.0	260 J	–	760604	
"	"	"	8.8	230 J	–	"	
"	"	"	10.6	360 J	–	"	
"	"	"	10.6	210 J	–	"	
"	"	"	10.8	330 J	–	"	
"	"	"	11.6	330 J	–	"	
"	"	"	12.6	180 J	–	"	
HFE 62	19 59 41	+40 18	100	45000 J	12 M	711201	
K3-50 #1	19 59 50	+33 24 18	1230	24.0 J	–	760601	
K3-50	19 59 50.1	+33 24 19	6.98	5 X	28 s	790210	700802
"	"	"	7.46	11.5 XU	28 s	"	"
"	"	"	8.99	1580 G	7 s	790507	"
"	"	"	10.1	−23.8 L	V	700802	
"	"	"	10.5	1830 G	7 s	790507	700802
"	"	"	11.3	260 GU	7 s	"	"
"	"	"	12.8	5500 G	7 s	"	"
"	"	"	20	1100 J	9 s	770501	"
"	"	"	1000	18 J	55 s	780210	"
K3-50 IRS1	"	"	1000	20 J	1 M	770501	ED
K3-50	19 59 50.1	+33 24 27	8	S	22 s	750905	
"	"	"	8.4	5.4 F	22 s	"	
"	"	"	11.2	5.5 F	22 s	"	
"	19 59 50.4	+33 24 27	39	6300 J	50 s	790511	
"	"	"	57	8200 J	30 s	"	
"	"	"	58	9500 J	50 s	"	
"	"	"	80	11000 J	50 s	"	
"	"	"	139	6000 J	50 s	"	
K3-50 #2	19 59 54	+33 26 24	1230	14.8 JU	–	760601	
IRC+30407	19 59 55	+33 22 24	10.7	0.0 M	–	740705	IRC
AFGL 2495	19 59 55	+33 25 06	10.7	0.0 M	26 s	800213	AFGL
"	"	"	11.0	−2.8 M	10 M	760913	
"	"	"	19.8	−5.5 M	10 M	"	
"	"	"	27.4	−7.4 M	10 M	"	
ON 3	19 59 58.7	+33 26 01	39	970 J	50 s	790511	
"	"	"	59	1230 J	30 s	"	
"	"	"	59	1600 J	50 s	"	
"	"	"	92	2300 J	50 s	"	
"	"	"	145	1900 J	50 s	"	
ON 3 C1	19 59 59	+33 25 50	20	0.43 J	4.5 s	770501	ED
"	"	"	20	7 J	9 s	"	"
W58 C CO,OH	19 59 59	+33 26 00	1230	19.0 JU	–	760601	
K3-50	20 00	+33 24	400	50000 X	8.4 M	710404	
71.4+2.2	20 00	+34 40	80	30000 X	0.4 D	820213	ED
"	"	"	150	50000 X	.37 D	"	"
ON 3 C2	20 00 00	+33 25 50	20	30 J	9 s	770501	ED
ON 3 C	20 00 00	+33 26 00	1000	15 J	1 M	"	ED
AFGL 5455S	20 00 10	+30 39 30	19.8	−2.8 M	10 M	770706	
AFGL 5456S	20 00 14	+49 54 48	11.0	−1.2 M	10 M	"	
RR TEL	20 00 18.9	−55 51 30	8.6	1.9 M	–	730024	CSI 79
"	"	"	10	0.41 M	–	730013	"
"	"	"	11.3	0.6 M	–	730024	"
"	"	"	18	−0.8 M	–	"	"
"	"	"	20	−0.75 M	–	730013	"
HFE 63	20 00 31	+33 24	100	16000 J	12 M	711201	
HD 190073	20 00 34.3	+ 5 35 48	5.0	4.17 M	–	700302	CSI 79
"	"	"	10.2	2.26 M	–	"	"
AFGL 2498	20 00 55	+30 11 42	8.6	−0.3 M	26 s	800213	AFGL
"	"	"	10.7	−1.2 M	26 s	"	"
"	"	"	11.0	−1.1 M	10 M	760913	
"	"	"	12.2	−0.8 M	26 s	800213	AFGL
HD 331777	20 01 13.5	+31 46 39	8.7	3.40 M	–	741105	CSI 79
"	"	"	10.0	3.97 M	–	"	"
"	"	"	11.4	3.72 M	–	"	"
"	"	"	12.6	2.13 MU	–	"	"
HD 190323	20 01 31.1	+14 50 27	8.7	4.39 M	–	"	CSI 79
"	"	"	11.4	3.45 M	–	"	"
AFGL 2500	20 01 38	+30 19 12	8.6	−0.2 M	26 s	800213	AFGL
"	"	"	10.7	−1.9 M	26 s	"	"
"	"	"	11.0	−1.8 M	10 M	760913	
"	"	"	12.2	−2.0 M	26 s	800213	AFGL
"	"	"	19.8	−3.3 M	10 M	760913	
IRC+40376	20 01 41	+35 48 30	10.7	0.4 M	–	740705	IRC
IRC+30410	20 01 56	+29 00 54	10.7	0.9 MU	–	"	IRC
IRC+40378	20 01 59	+44 34 24	10.7	0.9 MU	–	"	IRC
AFGL 5458S	20 02 05	+44 34 24	10.7	0.9 MU	26 s	800213	770706
AFGL 2501	20 02 19	+67 44 06	19.8	−3.5 M	10 M	760913	
AFGL 2502	20 02 24	+40 17 48	8.6	0.6 M	26 s	800213	AFGL
"	"	"	10.7	0.4 M	26 s	"	"
AFGL 2503	20 02 33	+36 40 42	8.6	0.1 M	26 s	"	AFGL
"	"	"	10.7	−0.5 M	26 s	"	"
"	"	"	11.0	−0.9 M	10 M	760913	
HD 190603	20 02 38.3	+32 04 31	10	3.55 M	11 s	770504	CSI 79
K3-54	20 02 52.0	+25 18 04	10	3.4 MU	11 s	741009	769910
70.8+1.2	20 03	+33 37	80	60000 X	0.4 D	820213	ED
"	"	"	150	70000 X	.37 D	"	"
AFGL 5460S	20 03 04	+19 50 42	19.8	−2.7 M	10 M	770706	
AFGL 2506	20 03 38	+51 41 30	11.0	−1.0 M	10 M	760913	
AFGL 2508	20 03 45	−27 22 24	11.0	−2.2 M	10 M	"	
V1943 SGR	20 03 51	−27 22 06	20	−3.19 M	–	741002	GCVS
HD 190918	20 04 04.5	+35 38 37	8.7	4.57 MU	11 s	740907	CSI 79
"	"	"	10	5.1 M	V	750505	"
"	"	"	10.0	5.22 M	11 s	740907	"
"	"	"	10.0	5.27 M	11 s	761109	"
AFGL 2509	20 04 12	+66 19 12	19.8	−3.1 M	10 M	760913	
AFGL 4259	20 04 21	+26 51 18	11.0	−1.6 M	10 M	"	
"	"	"	19.8	−3.4 M	10 M	"	
85.073-3.428	20 05 03	+42 11 06	11	194 J	11 M	820109	
"	"	"	20	773 J	11 M	"	
IRC+10451	20 05 16	+ 5 54 12	8.4	−0.6 C	–	760610	IRC
"	"	"	10	−1.2 M	–	740705	"
"	"	"	11.2	−1.8 C	–	760610	"
"	"	"	12.5	−1.5 C	–	"	"
AFGL 2511	20 05 23	+ 5 56 42	8.4	−0.6 M	17 s	800213	AFGL
"	"	"	8.6	−0.4 MV	26 s	"	"
"	"	"	10.6	−1.2 M	26 s	"	"
"	"	"	10.7	−1.4 MV	26 s	"	"
"	"	"	11.0	−0.9 M	10 M	760913	
"	"	"	11.2	−1.8 M	17 s	800213	AFGL
"	"	"	12.2	−1.4 MV	26 s	"	"
"	"	"	12.5	−1.5 M	17 s	"	"
"	"	"	18	−2.9 MU	26 s	"	"
"	"	"	18	−1.8 MU	26 s	"	"
2005+40	20 05 59.5	+40 21 02	1000	−1.6 J	55 s	780210	809908
AFGL 2512	20 06 09	+56 51 00	8.6	0.6 M	26 s	800213	AFGL
"	"	"	10.7	0.4 M	26 s	"	"

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
"	h m s	° ′ ″	11.0	−0.7 M	10 M	760913	
AFGL 5467S	20 06 22	− 1 48 06	19.8	−3.9 M	10 M	770706	
AFGL 5469S	20 06 41	+33 06 12	11.0	−1.9 M	10 M	"	
AFGL 2513	20 07 13	+31 17 42	8.4	−1.3 M	17 S	800213	AFGL
CRL 2513	"	"	8.4	−1.6 C	18 S	761210	"
AFGL 2513	"	"	8.6	−2.1 M	26 S	800213	"
"	"	"	10.7	−2.7 M	26 S	"	"
"	"	"	11.0	−2.2 M	10 M	760913	
"	"	"	11.2	−2.0 M	17 S	800213	AFGL
CRL 2513	"	"	11.2	−2.2 C	18 S	761210	"
AFGL 2513	"	"	12.2	−2.8 M	26 S	800213	"
"	"	"	12.5	−1.9 M	17 S	"	"
CRL 2513	"	"	12.5	−2.2 C	18 S	761210	"
AFGL 2513	"	"	19.8	−3.4 M	10 M	760913	
CRL 2513	20 07 22.1	+31 17 30	5.0	200 J	-	760604	
"	"	"	8.8	170 J	-	"	
"	"	"	10.6	190 J	-	"	
"	"	"	10.6	160 J	-	"	
"	"	"	10.8	170 J	-	"	
"	"	"	11.6	170 J	-	"	
"	"	"	12.6	120 J	-	"	
IRC-10529	20 07 46	− 6 24 42	10	−3.5 ME	-	740408	IRC
"	"	"	10.1	−3.21 C	-	720001	"
AFGL 2514	20 07 46	− 6 25 24	8.6	−3.7 M	26 S	800213	AFGL
"	"	"	10.7	−4.2 M	26 S	"	"
"	"	"	11.0	−3.7 M	10 M	760913	
"	"	"	12.2	−4.8 M	26 S	800213	AFGL
"	"	"	19.8	−5.3 M	10 M	760913	
AFGL 5473S	20 08 07	+29 13 00	19.8	−3.6 M	10 M	770706	
OH69.54-0.98	20 08 09.8	+31 22 41	10.7	6.5 JU	25 S	770401	
NGC 6879	20 08 09.9	+16 46 24	10	4.5 MU	11 S	741009	739909
ON 1	20 08 10	+31 23	150	4000 J	4.5 M	811009	ED
HD 191765	20 08 21.5	+36 01 39	10	3.9 M	V	750505	CSI 79
"	"	"	10.0	4.55 M	11 S	740907	"
"	"	"	10.0	4.55 M	11 S	761109	"
AFGL 5475S	20 08 35	+48 41 30	11.0	−0.8 M	10 M	770706	
AFGL 5476S	20 08 39	+33 18 06	10.7	−0.1 M	26 S	800213	770706
"	"	"	19.8	−3.4 M	10 M	770706	
IRC+30417	20 08 39	+33 18 30	10.7	−0.1 M	-	740705	IRC
NGC 6884	20 08 49	+46 19	9.0	900 G	6 S	811008	RNGC
"	"	"	9.0	1.5 J	11 S	790409	"
"	"	"	10	4.3 M	11 S	741009	"
"	"	"	10.5	7400 G	6 S	811008	"
"	"	"	10.5	4000 G	10 S	800409	"
"	"	"	10.5	7.5 J	11 S	790409	"
"	"	"	10.5	20 J	22 S	720301	"
"	"	"	10.5	6 X	-	"	"
"	"	"	11	1.8 J	11 S	"	"
"	"	"	11	3.2 M	11 S	741009	"
"	"	"	11	0.4 J	-	720301	"
"	"	"	12.8	100 GU	6 S	811008	"
"	"	"	18	1.45 M	11 S	741009	"
AFGL 2518S	20 08 49	− 7 48 00	11.0	−1.7 M	10 M	770706	
"	"	"	19.8	−3.5 M	10 M	"	
AFGL 5477S	20 08 54	+73 50 54	11.0	−1.1 M	10 M	"	
NGC 6881	20 08 59	+37 16	10	3.4 M	11 S	741009	RNGC
"	"	"	18	0.45 M	11 S	"	"
72.2+0.6	20 09	+34 28	80	30000 X	0.4 D	820213	ED
"	"	"	150	1.6E5 X	.37 D	"	"
AFGL 5478S	20 09 03	− 8 17 18	11.0	−1.3 M	10 M	770706	
"	"	"	19.8	−3.1 M	10 M	"	
AFGL 5479S	20 09 12	−11 51 48	11.0	−0.8 M	10 M	"	
"	"	"	19.8	−3.4 M	10 M	"	
AFGL 2519	20 09 16	+35 59 18	8.6	1.3 M	26 S	800213	AFGL
"	"	"	10.7	1.1 M	26 S	"	"
"	"	"	19.8	−3.2 M	10 M	760913	
AFGL 5480S	20 09 21	+ 0 47 54	19.8	−3.0 M	10 M	770706	
AFGL 5481S	20 09 26	+ 0 34 42	19.8	−3.0 M	10 M	"	
"	"	"	27.4	−4.2 M	10 M	"	
FG SGE	20 09 42.9	+20 11 00	11	0.45 JU	4 S	710102	769910
"	"	"	11	0.6 JU	5 S	720301	"
HE1-5	"	"	11	4.4 MU	11 S	741009	"
FG SGE	"	"	11	0.6 JU	-	720301	"
HE1-5	"	"	18	−1.0 MU	11 S	741009	"
HD 192103	20 10 00.8	+36 02 49	10	5.0 M	V	750505	779907
"	"	"	11.5	12 JU	26 S	690705	"
AFGL 4260	20 10 01	+ 0 33 18	19.8	−3.3 M	10 M	760913	
HD 192163	20 10 17.0	+38 12 13	8.7	3.89 M	7 S	761109	CSI 79
"	"	"	8.7	4.11 M	11 S	"	"
"	"	"	8.7	4.11 M	11 S	740907	"
"	"	"	10	3.8 M	V	750505	"
"	"	"	10.0	3.97 M	11 S	761109	"
"	"	"	10.0	3.97 M	11 S	740907	"
"	"	"	11.3	3.4 M	V	750505	"
"	"	"	11.4	3.49 M	7 S	761109	"
"	"	"	11.4	3.52 M	11 S	740907	"
"	"	"	11.4	3.52 M	11 S	761109	"
"	"	"	11.5	12 JU	26 S	690705	"
NGC 6886	20 10 29.6	+19 50 16	9.0	100 GU	6 S	811008	739909
"	"	"	10	4.25 M	11 S	741009	"
"	"	"	10.5	4200 G	6 S	811008	"
"	"	"	10.5	3.4 J	11 S	790409	"
"	"	"	11	2.0 J	11 S	720301	"
"	"	"	11	3.1 M	11 S	741009	"
"	"	"	11	2.0 J	-	720301	"
"	"	"	12.8	100 GU	6 S	811008	"
"	"	"	18	0.65 M	11 S	741009	"
IRC+30419	20 10 31	+33 13 36	10.7	1.0 MU	-	740705	IRC
AFGL 2525S	20 10 56	+32 05 48	11.0	−0.6 M	10 M	770706	
AFGL 2526	20 11 16	+49 18 12	11.0	−1.2 M	10 M	760913	
"	"	"	19.8	−3.0 M	10 M	"	
AFGL 2527S	20 11 20	+18 48 18	11.0	−1.2 M	10 M	770706	
AC CYG	20 11 21.3	+49 17 56	20	−2.13 M	-	741002	779907
AFGL 5484S	20 11 25	+41 11 24	11.0	−0.5 M	10 M	770706	
"	"	"	19.8	−2.0 M	10 M	"	
RS CYG	20 11 34.6	+38 34 36	8.4	1.86 F	-	761005	779907
"	"	"	8.4	0.66 C	-	710203	"
"	"	"	8.4	0.66 C	-	710405	"
"	"	"	10.8	0.428 F	-	761005	"
"	"	"	10.8	0.9 M	-	721103	"
"	"	"	11.0	0.52 C	-	710405	"
"	"	"	11.0	0.744 F	-	761005	"
"	"	"	11.0	0.52 C	-	710203	"
78.10+3.835	20 11 40	+41 12 24	11	105 J	11 M	820109	
"	"	"	20	126 J	11 M	"	
AFGL 2529S	20 11 44	+17 34 06	19.8	−3.0 M	10 M	770706	
AFGL 2528	20 11 44	+38 34 48	8.4	0.7 M	11 S	800213	AFGL
"	"	"	11.2	0.5 M	11 S	"	"

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
R SGE	20 11 46.6	+16 34 25	8.4	1.6 M	11 S	700906	CSI 79
"	"	"	8.6	1.7 M	-	721203	"
"	"	"	11.0	1.3 M	11 S	700906	"
"	"	"	11.3	1.6 M	-	721203	"
HE2-459	20 11 54	+29 25	10	2.4 M	11 S	741009	P−K
"	"	"	18	−0.2 M	11 S	"	"
AFGL 4261	20 11 56	+ 0 09 06	10.7	−0.2 M	26 S	800213	AFGL
"	"	"	11.0	−0.9 M	10 M	760913	
"	"	"	19.8	−3.9 M	10 M	"	
"	"	"	27.4	−6.3 M	10 M	"	
IRC+40399	20 12 03	+44 27 54	10.7	0.1 MU	-	740705	IRC
AFGL 2531	20 12 08	+46 35 54	11.0	−0.6 M	10 M	760913	
AFGL 2535	20 12 37	+66 05 42	11.0	−1.0 M	10 M	"	
HD 192641	20 12 39.3	+36 30 27	8.6	3.3 M	V	750505	CSI 79
"	"	"	8.7	3.98 M	7 S	761109	"
"	"	"	8.7	3.43 M	11 S	740907	"
"	"	"	8.7	3.43 M	11 S	761109	"
"	"	"	10	3.6 M	V	750505	"
"	"	"	10.0	3.60 M	11 S	761109	"
"	"	"	10.0	3.60 M	11 S	740907	"
"	"	"	11.3	3.25 M	V	750505	"
"	"	"	11.4	3.30 M	7 S	761109	"
"	"	"	11.4	3.71 M	11 S	"	"
"	"	"	11.4	3.71 M	11 S	740907	"
78.401+3.803	20 12 45	+41 23 54	11	104 J	11 M	820109	
"	"	"	20	113 J	11 M	"	
NGC 6891	20 12 48.0	+12 32 54	10	4.75 M	11 S	741009	739909
"	"	"	10.5	6.5 JU	22 S	720301	"
"	"	"	10.5	2 XU	-	"	"
"	"	"	11	3.4 MU	11 S	741009	"
"	"	"	11	1.4 JU	11 S	720301	"
"	"	"	11	1.4 JU	-	"	"
IRC+30422	20 13 02	+29 36 36	10.7	0.3 MU	-	740705	IRC
AFGL 5486S	20 13 07	+29 38 06	10.7	0.3 MU	26 S	800213	770706
AFGL 2537	20 13 18	+ 7 31 00	11.0	−0.9 M	10 M	760913	
IRC+60285	20 13 31	+59 35 36	10.7	1.0 M	-	740705	IRC
AFGL 5487S	20 13 43	−18 32 42	19.8	−2.8 M	10 M	770706	
76.074+1.951	20 14 00	+38 26 06	11	115 J	11 M	820109	
"	"	"	20	70 J	11 M	"	
AFGL 2542	20 14 10	−21 28 36	11.0	−1.1 M	10 M	760913	
M1-76	20 14 34	+36 56 48	8	S	5.9 S	820715	709904
"	"	"	8.6	1.2 M	-	740708	"
"	"	"	8.6	1.3 M	-	741009	"
"	"	"	10	0.9 M	-	"	"
"	"	"	10.8	0.6 M	-	"	"
"	"	"	11.3	0.8 M	-	740708	"
"	"	"	11.3	0.75 M	-	741009	"
"	"	"	12.8	0.3 M	-	"	"
"	"	"	18	0.05 M	-	"	"
"	"	"	18	−0.1 M	-	740708	"
AFGL 5490S	20 14 39	+49 51 24	11.0	−1.0 M	10 M	770706	
HD 193077	20 15 08.5	+37 16 02	10	4.5 MU	V	750505	CSI 79
"	"	"	10.0	5.09 M	11 S	740907	"
79.051+3.603	20 15 35	+41 49 24	11	78 J	11 M	820109	
"	"	"	20	2142 J	11 M	"	
AFGL 2545S	20 15 36	+36 38 00	11.0	−0.5 M	10 M	770706	
HDE 228766	20 15 37.9	+37 09 08	10.0	5.18 MU	11 S	740907	CSI 79
P CYG	20 15 56.5	+37 52 35	5.0	2.29 M	-	700302	779907
"	"	"	8.7	1.92 M	11 S	740807	"
"	"	"	10	1.65 M	11 S	"	"
"	"	"	10.2	1.65 M	-	700302	"
"	"	"	11.4	1.65 M	11 S	740807	"
"	"	"	11.5	1.6 M	-	701105	"
"	"	"	12.6	1.29 M	11 S	740807	"
"	"	"	19.5	0.99 M	11 S	"	"
"	"	"	22.0	0.33 M	-	700302	"
AFGL 5493S	20 15 59	+37 51 36	11.0	−1.5 M	10 M	770706	
79.4+3.8	20 16	+42 13	80	1.5E5 X	0.4 D	820213	ED
"	"	"	150	50000 X	.37 D	"	"
AFGL 2547	20 16 05	+33 56 30	19.8	−3.0 M	10 M	760913	
AFGL 2549	20 16 10	+39 12 30	11.0	−1.5 M	10 M	"	
"	"	"	19.8	−2.8 M	10 M	"	
77.05+2.10	20 16 11	+39 19 36	11	114 J	11 M	820109	
"	"	"	20	126 J	11 M	"	
AFGL 2550	20 16 36	+34 14 54	11.0	−1.5 M	10 M	760913	
74.900+0.500	20 16 42	+36 39 42	11	52 J	11 M	820109	
"	"	"	20	83 J	11 M	"	
72.926-0.894	20 16 51	+34 13 48	11	120 J	11 M	"	
"	"	"	20	83 J	11 M	"	
79.223+3.428	20 16 53	+41 52 12	11	418 J	11 M	"	
AFGL 2551	20 16 58	+66 52 12	8.6	2.0 M	26 S	800213	AFGL
"	"	"	10.7	0.7 M	26 S	"	"
"	"	"	11.0	−0.7 M	10 M	760913	
"	"	"	12.2	1.2 M	26 S	800213	AFGL
77.25+2.00	20 17 12	+39 26 06	11	104 J	11 M	820109	
"	"	"	20	140 J	11 M	"	
HD 193514	20 17 19.6	+39 06 54	10	4.6 MU	11 S	770504	CSI 79
AFGL 2554	20 17 33	+40 48 18	11.0	−1.4 M	10 M	760913	
"	"	"	19.8	−4.2 M	10 M	"	
"	"	"	27.4	−5.5 M	10 M	"	
AFGL 2554.2	-	-	8.5	1.8 M	17 S	800213	ED
"	-	-	10.55	1.3 M	17 S	"	"
"	-	-	11.09	1.1 M	17 S	"	"
"	-	-	11.94	0.9 M	17 S	"	"
"	-	-	12.52	0.6 M	17 S	"	"
78.455+2.718	20 17 41	+40 50 00	11	771 J	11 M	820109	
"	"	"	20	1129 J	11 M	"	
HD 193576	20 17 42.6	+38 34 24	8.6	5.1 M	V	750505	779907
"	"	"	10	5.1 M	V	"	"
"	"	"	10.0	4.49 M	11 S	761109	"
"	"	"	10.0	4.49 M	11 S	740907	"
"	"	"	11.3	4.7 M	V	750505	"
IC 4997	20 17 51.0	+16 34 27	8	S	5.3 S	820715	739909
"	"	"	8	S	11 S	790409	"
"	"	"	8.6	3.4 M	-	741009	"
"	"	"	9.0	200 G	6 S	811008	"
"	"	"	9.0	1.8 J	11 S	790409	"
"	"	"	10.5	2000 G	6 S	811008	"
"	"	"	10.5	780 G	10 S	800409	"
"	"	"	10.5	3.9 J	11 S	790409	"
"	"	"	10.5	9.2 J	22 S	720301	"
"	"	"	10.5	3 X	-	"	"
"	"	"	11	2.8 J	5 S	"	"
"	"	"	11	2.2 J	-	"	"
"	"	"	11	2.7 M	-	741009	"
"	"	"	11.3	2.3 M	-	"	"
"	"	"	11.5	12 JU	26 S	690705	"
"	"	"	12.8	100 GU	6 S	811008	"

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF	NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
"	h m s	° ′ ″	18	−1.0 M	–	741009	"	"	h m s	° ′ ″	12.2	−2.7 M	–	721103	"
"	"	"	37	29 J	27 S	800604	"	"	"	"	18.0	−3.5 M	–	"	"
"	"	"	70	10 J	27 S	"	"	"	"	"	20	−3.87 M	9 S	731104	"
81.046+4.413	20 18 03	+43 55 06	20	695 J	11 M	820109		"	"	"	20	−3.84 M	–	821005	"
U CYG	20 18 03.4	+47 44 09	8.4	6.15 F	–	761005	779907	"	"	"	25	−3.84 M	–	"	"
"	"	"	8.4	−0.57 M	–	710403	"	"	"	"	33	−4.69 M	–	"	"
"	"	"	8.4	−1.00 C	–	710203	"	G75.84+0.4	20 19 47	+37 21 30	8.4	0.16 F	12 S	790513	
"	"	"	8.6	6.09 F	–	761005	"	"	"	"	11.1	0.21 F	12 S	"	
"	"	"	8.6	−0.3 M	–	721103	"	"	"	"	12.6	0.29 F	12 S	"	
"	"	"	10.8	−1.5 M	–	"	"	"	"	"	17	0.54 F	12 S	"	
"	"	"	10.8	3.90 F	–	761005	"	"	20 19 47.4	+37 21 32	6.99	6.0 X	27 S	811104	770401
"	"	"	11	−1.40 M	–	710403	"	G75.84+0.40	"	"	10.7	27.7 J	25 S	770401	
"	"	"	11.0	−1.61 C	–	710203	"	G75.84+0.4	"	"	18.60	S	26 S	821102	770401
"	"	"	11.0	3.79 F	–	761005	"	"	"	"	18.71	31 X	26 S	"	"
"	"	"	12.2	−1.0 M	–	721103	"	"	"	"	18.71	52.2 X	30 S	811104	"
"	"	"	12.2	2.77 F	–	761005	"	"	"	"	33.3	S	26 S	821102	"
"	"	"	18.0	−1.3 M	–	721103	"	AFGL 2562	20 19 48	+68 42 24	11.0	−0.8 M	10 M	760913	
"	"	"	18.0	0.719 F	–	761005	"	G75.77+0.34	20 19 50.0	+37 16 16	10.7	13.3 J	25 S	770401	
"	"	"	20	−1.4 M	14 S	760901	"	75.860+0.407	20 19 51	+37 23 24	11	568 J	11 M	820109	
AFGL 2556	20 18 12	+47 44 54	8.4	−1.0 M	11 S	800213	AFGL	"	"	"	20	1550 J	11 M	"	
"	"	"	11.0	−1.1 M	10 M	760913		OH75.78+0.34	20 19 52.0	+37 17 04	10.7	3.4 JU	25 S	770401	
"	"	"	11.2	−1.6 M	11 S	800213	AFGL	NGC 6905	20 20 08.5	+19 56 39	10	4.6 M	11 S	741009	739909
+40 IR2	20 18 34.4	+41 10 29	10	4.5 M	–	720402	ED	"	"	"	18	0.9 MU	11 S	"	"
77.45+1.80	20 18 38	+39 29 06	11	51 J	11 M	820109		AFGL 4264	20 20 09	+39 46 06	11.0	−0.8 M	10 M	760913	
"	"	"	20	146 J	11 M	"		"	"	"	19.8	−3.0 M	10 M	"	
AFGL 4263	20 18 42	+39 31 12	11.0	−1.6 M	10 M	760913		"	"	"	27.4	−6.4 M	10 M	"	
"	"	"	19.8	−3.0 M	10 M	"		DR 4	20 20 20	+40 00	90	76000 J	11 M	810709	
BD+40 4124	20 18 42.5	+41 12 20	5.0	3.3 M	11 S	720401	CSI 79	78.988+2.458	20 20 25	+41 07 18	11	26 J	11 M	820109	
"	"	"	8.4	2.5 M	–	710202	"	"	"	"	20	84 J	11 M	"	
"	"	"	8.5	1.9 M	11 S	720401	"	GAM CYG	20 20 25.9	+40 05 43	8.6	0.6 M	–	721203	CSI 79
"	"	"	8.6	2.5 M	11 S	"	"	"	"	"	10	0.168 FV	V	660501	"
"	"	"	10	1.6 MV	–	720402	"	"	"	"	11.3	0.8 M	–	721203	"
"	"	"	10	1.69 M	–	730503	"	AFGL 2565	20 20 35	+40 05 30	11.0	−1.6 M	10 M	760913	
"	"	"	10.8	1.5 M	11 S	720401	"	"	"	"	19.8	−4.0 M	10 M	"	
"	"	"	11.0	1.8 M	11 S	"	"	"	"	"	27.4	−6.5 M	10 M	"	
"	"	"	11.0	1.7 M	–	710202	"	77.40+1.30	20 20 36	+39 09 24	11	60 J	11 M	820109	
"	"	"	11.3	1.7 M	11 S	720401	"	"	"	"	20	134 J	11 M	"	
"	"	"	12.6	1.6 M	11 S	"	"	78.054+1.748	20 20 39	+39 57 00	11	165 J	11 M	"	
"	"	"	18	0.8 M	11 S	"	"	"	"	"	20	209 J	11 M	"	
LKHA 224	20 18 43.6	+41 11 59	5.0	3.6 MV	11 S	"	ED	78.186+1.816	20 20 46	+40 05 48	11	40 J	11 M	"	
"	"	"	8.5	2.9 MV	11 S	"	"	"	"	"	20	292 J	11 M	"	
"	"	"	10	1.7 MV	–	720402	"	AFGL 2567	20 20 49	+ 0 37 48	11.0	−0.9 M	10 M	760913	
"	"	"	11.0	1.7 MV	11 S	720401	"	CYG X FIR 1	20 20 56	+39 59 25	92	9600 J	12 M	800503	
"	"	"	18	0.0 M	11 S	"	"	AFGL 5499S	20 21 14	+36 41 42	10.7	−0.5 MU	26 S	800213	770706
LKHA 225	20 18 44.5	+41 11 56	5.0	2.9 M	11 S	"	ED	IRC+40413	20 21 14	+36 41 54	8.7	2.23 M	–	790604	IRC
"	"	"	8.5	1.1 M	11 S	"	"	"	"	"	10.0	2.04 M	–	"	"
"	"	"	8.6	0.6 M	11 S	"	"	"	"	"	10.7	−0.5 MU	–	740705	"
"	"	"	10	0.1 MV	–	720402	"	"	"	"	11.4	1.84 M	–	790604	"
"	"	"	10.8	0.0 M	11 S	720401	"	MWC 342	20 21 14.6	+39 20 09	5.0	2.30 M	–	700302	CSI 79
"	"	"	11.0	0.4 M	11 S	"	"	"	"	"	10.2	0.11 M	–	"	"
"	"	"	11.3	0.3 M	11 S	"	"	"	"	"	20	−1.68 M	–	741002	"
"	"	"	12.6	0.0 M	11 S	"	"	"	"	"	22.0	−1.84 M	–	700302	"
"	"	"	18	−1.7 M	11 S	"	"	AFGL 2569	20 21 27	+51 51 42	19.8	−3.9 M	10 M	760913	
AFGL 2557	20 18 45.0	+41 11 52	10.6	0.0 M	–	790106		AFGL 2570	20 21 29	+62 42 54	10.7	−0.4 M	26 S	800213	AFGL
HD 193793	20 18 46.7	+43 41 42	8.6	3.7 M	V	750505	CSI 79	IRC+60288	20 21 31	+62 43 42	5.0	−15.2 R	–	740401	IRC
"	"	"	8.7	3.72 MV	7 S	761109	"	"	"	"	10.2	−15.8 R	–	"	"
"	"	"	8.7	3.21 M	11 S	740907	"	"	"	"	10.7	−0.4 M	–	740705	"
"	"	"	8.7	2.75 MV	11 S	761109	"	HD 194279	20 21 31.0	+40 35 49	10	3.59 M	11 S	770504	CSI 79
"	"	"	8.9	1.99 MV	–	791107	"	CYG X FIR 2	20 21 41	+41 17 51	92	5600 J	12 M	800503	
"	"	"	10	3.0 M	V	750505	"	AFGL 5500S	20 21 45	− 2 52 48	19.8	−3.0 M	10 M	770706	
"	"	"	10.0	3.28 MV	11 S	761109	"	AFGL 2571	20 21 49	+32 02 00	11.0	−0.8 M	10 M	760913	
"	"	"	10.0	3.15 M	11 S	740907	"	79.223+2.249	20 22 03	+41 11 36	11	901 J	11 M	820109	
"	"	"	10.0	1.74 MV	–	791107	"	"	"	"	20	182 J	11 M	"	
"	"	"	11.3	3.2 M	V	750505	"	BICON. NEB A	20 22 03.2	+42 02 40	8.6	3.3 M	11 S	741017	
"	"	"	11.4	3.33 MV	7 S	761109	"	"	"	"	10	3.0 M	11 S	"	
"	"	"	11.4	2.99 M	11 S	740907	"	"	"	"	11.3	2.9 M	11 S	"	
"	"	"	11.4	2.48 MV	11 S	761109	"	"	"	"	18	0.9 M	11 S	"	
"	"	"	11.4	1.95 MV	–	791107	"	76.218+0.117	20 22 04	+37 30 36	11	52 J	11 M	820109	
"	"	"	11.5	12 JU	26 S	690705	"	"	"	"	20	83 J	11 M	"	
"	"	"	11.5	2.9 M	–	781108	"	AFGL 5501S	20 22 09	+37 27 00	11.0	−1.4 M	10 M	770706	
"	"	"	12.6	3.29 MV	7 S	761109	"	"	"	"	19.8	−3.5 M	10 M	"	
"	"	"	12.6	2.72 M	11 S	740907	"	CYG X FIR 3	20 22 18	+39 48 52	92	1300 J	12 M	800503	
"	"	"	12.6	2.90 MV	11 S	761109	"	AFGL 2572S	20 22 23	+24 07 18	19.8	−3.4 M	10 M	770706	
"	"	"	12.6	1.64 MV	–	791107	"	CYG X FIR 4	20 22 26	+37 37 41	92	3200 J	12 M	800503	
"	"	"	19.0	1.65 MV	–	"	"	BD+41 3731	20 22 31.7	+42 08 14	10	2.3 M	–	720404	CSI 79
"	"	"	23	1.28 MV	–	"	"	"	"	"	11.0	2.7 MU	11 S	730006	"
AFGL 2557	20 18 54	+41 12 54	11.0	−1.3 M	10 M	760913		AFGL 4265	20 22 41	− 7 19 18	19.8	−4.0 M	10 M	760913	
78.938+2.772	20 18 54	+41 15 36	11	52 J	11 M	820109		PARSAMYAN 22	20 22 44.7	+42 04 16	10	2.5 MU	11 S	741017	
"	"	"	20	84 J	11 M	"		IRC+60289	20 22 45	+55 03 00	5.0	−15.5 R	–	740401	IRC
+40 IR1	20 18 57.6	+41 11 31	10	2.2 M	–	720402	ED	"	"	"	10.7	0.2 MU	–	740705	"
81.677+4.586	20 19 15	+44 32 24	11	129 J	11 M	820109		73.4–2.0	20 23	+33 59	80	2.7E5 X	0.4 D	820213	ED
"	"	"	20	141 J	11 M	"		"	"	"	150	40000 X	.37 D	"	"
BD+35 4077	20 19 17.4	+35 27 34	20	−1.2 M	14 S	760901	CSI 79	LKHA 228	20 23 08	+42 19 43	11.0	2.8 MU	11 S	730006	729902
AFGL 2558	20 19 25	+35 27 48	11.0	−0.3 M	10 M	760913		78.412+1.385	20 23 17	+40 01 54	11	45 J	11 M	820109	
IRC+40407	20 19 26	+38 02 42	10.7	−1.1 MU	–	740705	IRC	AFGL 2573S	20 23 25	+33 45 48	19.8	−2.2 M	10 M	770706	
AFGL 2559	20 19 28	+36 46 54	8.6	−1.2 M	26 S	800213	AFGL	80.323+2.637	20 23 46	+42 18 48	11	124 J	11 M	820109	
"	"	"	10.7	−2.7 M	26 S	"	"	"	"	"	20	53 J	11 M	"	
"	"	"	11.0	−2.4 M	10 M	760913		79.920+2.339	20 23 49	+41 48 48	11	111 J	11 M	"	
"	"	"	12.2	−2.5 M	26 S	800213	AFGL	"	"	"	20	65 J	11 M	"	
"	"	"	18	−3.8 M	26 S	"	"	78.5+1.4	20 24	+40 07	80	1.6E5 X	0.4 D	820213	ED
"	"	"	19.8	−3.5 M	10 M	760913		"	"	"	150	2.1E5 X	.37 D	"	"
BI CYG	20 19 29.1	+36 46 20	8.4	−1.14 M	–	710403	779907	AFGL 4266	20 24 02	− 6 28 06	19.8	−3.4 M	10 M	760913	
"	"	"	8.5	−1.1 M	–	700907	"	KY CYG	20 24 06	+38 11 16	20	−3.80 M	–	821005	GCVS
"	"	"	11	−2.85 M	–	710403	"	"	"	"	20	−3.86 M	–	741002	"
"	"	"	11.4	−2.9 M	–	700907	"	"	"	"	25	−3.85 M	–	821005	"
"	"	"	20	−3.65 M	9 S	731104	"	AFGL 2575	20 24 11	+38 11 18	11.0	−2.6 M	10 M	760913	
"	"	"	20	−3.53 M	–	821005	"	"	"	"	19.8	−3.9 M	10 M	"	
"	"	"	25	−3.79 M	–	"	"	77.041+0.177	20 24 14	+38 12 54	11	225 J	11 M	820109	
"	"	"	33	−4.17 M	–	"	"	"	"	"	20	210 J	11 M	"	
75.358+0.113	20 19 36	+36 48 12	11	414 J	11 M	820109		MWC 345	20 24 14.7	+54 31 10	5.0	8.10 M	–	700302	CSI 79
"	"	"	20	231 J	11 M	"		"	"	"	10.2	4.36 M	–	"	"
CYG X	20 19 36	+40 06	100	10000 JU	12 M	711201		DR 5	20 24 25	+40 00	90	1.8E5 J	11 M	810709	
HD 193928	20 19 40.5	+36 45 26	10.0	4.96 MU	11 S	740907	CSI 79	78.45+1.10	20 24 37	+39 54 00	11	51 J	11 M	820109	
79.935+3.270	20 19 45	+42 21 48	20	410 J	11 M	820109		"	"	"	20	974 J	11 M	"	
AFGL 2560	20 19 46	+37 21 48	8.6	−1.6 MV	26 S	800213	AFGL	HFE 64	20 24 43	+40 12	100	1.3E5 J	12 M	711201	
"	"	"	10.7	−2.9 MV	26 S	"	"	T MIC	20 24 52.4	−28 25 37	20	−3.6 M	14 S	760901	CSI 79
"	"	"	11.0	−2.9 M	10 M	760913		"	"	"	20	−3.20 M	–	821005	"
"	"	"	12.2	−2.8 MV	26 S	800213	AFGL	81.039+2.892	20 24 54	+43 02 36	11	546 J	11 M	820109	
"	"	"	18	−3.4 MV	26 S	"	"	AFGL 5507S	20 24 59	+40 09 48	11.0	−1.5 M	10 M	770706	
"	"	"	19.8	−5.5 M	10 M	760913		"	"	"	19.8	−2.8 M	10 M	"	
"	"	"	27.4	−6.9 M	10 M	"		AFGL 2577	20 25 03	− 5 49 00	19.8	−2.4 M	10 M	760913	
BC CYG	20 19 46.6	+37 22 21	8	S	25 S	810215	779907	79.366+1.635	20 25 08	+40 57 12	11	59 J	11 M	820109	
"	"	"	8.4	−1.20 M	–	710403	"	AFGL 5508S	20 25 16	−15 52 30	19.8	−3.9 M	10 M	770706	
"	"	"	8.5	−1.2 M	–	700907	"	AFGL 2578	20 25 17	+39 15 30	11.0	−1.7 M	10 M	760913	
"	"	"	8.6	−1.0 M	–	721103	"	"	"	"	19.8	−4.1 M	10 M	"	
"	"	"	10.8	−3.2 M	–	"	"	"	"	"	27.4	−6.1 M	10 M	"	
"	"	"	11	−3.12 M	–	710403	"	AFGL 2581	20 25 18	+75 05 42	11.0	−1.2 M	10 M	"	
"	"	"	11.4	−3.3 M	–	700907	"	AFGL 2579	20 25 19	+39 53 06	11.0	−1.2 M	10 M	"	

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
"	h m s	° ′ ″	19.8	−3.1 M	10 M	"	
S 106 FIELD 1	20 25 25	+37 12 30	20	0.16 FU	10 S	820401	
DR 6	20 25 25	+39 21	90	13000 J	11 M	810709	
S 106 FIELD 3	20 25 29	+37 07 30	20	0.16 FU	10 S	820401	
AFGL 2583	20 25 29	+40 54 24	11.0	−0.7 M	10 M	760913	
S 106A	20 25 30	+37 12 50	8	S	24 S	800813	
"	"	"	12.81	39 X	24 S	"	
76.413−0.582	20 25 30	+37 15 06	11	363 J	11 M	820109	
"	"	"	20	1165 J	11 M	"	
78.055+0.604	20 25 30	+39 17 12	11	124 J	11 M	"	
"	"	"	20	280 J	11 M	"	
AFGL 2584	20 25 31	+37 12 06	11.0	−2.5 M	10 M	760913	
"	"	"	19.8	−5.9 M	10 M	"	
"	"	"	27.4	−7.3 M	10 M	"	
S 106 IRS1	20 25 32.2	+37 12 36	10	4.33 M	5 S	820304	
"	"	"	19.5	0.17 M	5 S	"	
S 106 C	20 25 32.4	+37 13 04	8.7	3.66 M	5 S	"	ED
"	"	"	10	2.80 M	5 S	"	"
"	"	"	11.4	2.42 M	5 S	"	"
"	"	"	12.6	1.80 M	5 S	"	"
"	"	"	19.5	−0.80 M	5 S	"	"
"	"	"	23	−2.08 M	5 S	"	"
S 106 IRS2	20 25 32.5	+37 13 00	8.7	3.36 M	5 S	"	
"	"	"	10	2.97 M	5 S	"	
"	"	"	11.4	2.49 M	5 S	"	
"	"	"	12.6	1.92 M	5 S	"	
"	"	"	19.5	−0.69 M	5 S	"	
"	"	"	23	−1.58 M	5 S	"	
S 106 IRS3	20 25 32.8	+37 12 45	8.7	2.74 M	5 S	"	
"	"	"	10	1.72 M	5 S	"	
"	"	"	11.4	1.39 M	5 S	"	
"	"	"	12.6	0.56 M	5 S	"	
"	"	"	19.5	−1.67 M	5 S	"	
"	"	"	23	−2.06 M	5 S	"	
S 106 IRS4	20 25 32.8	+37 12 50	8.7	1.89 M	5 S	"	
"	"	"	10	1.66 M	5 S	"	
"	"	"	11.4	1.62 M	5 S	"	
"	"	"	12.6	0.97 M	5 S	"	
"	"	"	19.5	−0.45 M	5 S	"	
"	"	"	23	−1.36 M	5 S	"	
S 106 PS	20 25 33.8	+37 12 52	8	S	24 S	800813	
S 106 SOURCE3	"	"	16	S	30 S	821101	760902
S 106 A	20 25 33.8	+37 12 54	10	4.87 M	5 S	820304	ED
"	"	"	19.5	0.45 M	5 S	"	"
S 106 B	20 25 33.8	+37 13 02	8.7	3.67 M	5 S	"	ED
"	"	"	10	2.81 M	5 S	"	"
"	"	"	11.4	2.34 M	5 S	"	"
"	"	"	12.6	1.52 M	5 S	"	"
"	"	"	19.5	−1.20 M	5 S	"	"
"	"	"	23	−2.20 M	5 S	"	"
S 106 IRS5	20 25 33.9	+37 12 59	8.7	3.33 M	5 S	"	
"	"	"	10	2.25 M	5 S	"	
"	"	"	11.4	1.77 M	5 S	"	
"	"	"	12.6	1.10 M	5 S	"	
"	"	"	19.5	−1.42 M	5 S	"	
"	"	"	23	−2.02 M	5 S	"	
S 106	20 25 34	+37 12 45	50	17000 J	3.5 S	820705	ED
"	"	"	100	14000 J	3.5 S	"	"
S 106 IRS6	20 25 34.1	+37 12 29	8.7	3.13 M	5 S	820304	
"	"	"	10	2.42 M	5 S	"	
"	"	"	11.4	2.06 M	5 S	"	
"	"	"	12.6	1.33 M	5 S	"	
"	"	"	19.5	−1.17 M	5 S	"	
"	"	"	23	−1.63 M	5 S	"	
S 106 SOURCE2	20 25 34.3	+37 13 07	6.99	12.2 X	27 S	821101	760902
"	"	"	8	S	11 S	"	"
S 106 C	"	"	8	S	24 S	800813	
S 106 SOURCE2	"	"	8.99	0.8 XU	11 S	821101	760902
"	"	"	10.51	2.0 XU	11 S	"	"
"	"	"	12.81	14.4 X	11 S	"	"
"	"	"	18.7	20.8 X	30 S	"	"
S 106 IRS7	20 25 34.5	+37 12 41	8.7	3.72 M	5 S	820304	
"	"	"	10	2.86 M	5 S	"	
"	"	"	11.4	2.73 M	5 S	"	
"	"	"	12.6	1.53 M	5 S	"	
"	"	"	19.5	−0.89 M	5 S	"	
"	"	"	23	−1.63 M	5 S	"	
S 106 IRS8	20 25 34.6	+37 13 03	8.7	3.61 M	5 S	"	
"	"	"	10	2.76 M	5 S	"	
"	"	"	11.4	2.34 M	5 S	"	
"	"	"	12.6	1.53 M	5 S	"	
"	"	"	19.5	−1.29 M	5 S	"	
"	"	"	23	−1.54 M	5 S	"	
IRC+40419	20 25 35	+35 56 24	10.7	0.3 MU	−	740705	IRC
IRC+40421	20 25 40	+35 23 06	10.7	0.8 MU	−	"	IRC
S 106 FIELD 2	20 25 42	+37 13 00	20	0.16 FU	10 S	820401	
CYG X FIR 5	20 25 48	+37 03 04	82	23000 J	12 M	800503	
"	"	"	92	21000 J	12 M	"	
CYG X FIR 6	20 25 51	+39 58 45	82	13000 J	12 M	"	
"	"	"	92	11000 J	12 M	"	
CYG X FIR 7	20 25 54	+39 21 50	82	11000 J	12 M	"	
"	"	"	92	11000 J	12 M	"	
80.4+2.0	20 26	+42 00	80	70000 X	0.4 D	820213	ED
"	"	"	150	70000 X	.37 D	"	"
HFE 65	20 26 17	+39 34	100	17000 J	12 M	711201	
DR 7	20 26 25	+40 47	90	13000 J	11 M	810709	
AFGL 2586	20 26 29	+40 42 30	11.0	−1.9 M	10 M	760913	
"	"	"	19.8	−4.4 M	10 M	"	
79.350+1.304	20 26 30	+40 44 42	11	86 J	11 M	820109	
"	"	"	20	336 J	11 M	"	
CYG X FIR 8	20 26 31	+37 37 02	92	2400 J	12 M	800503	
HD 195177	20 26 32.9	+38 26 50	10	3.4 MU	V	750505	CSI 79
IRC+40423	20 26 43	+41 42 42	10.7	−0.5 MU	−	740705	IRC
AFGL 2588	20 26 50	+16 06 48	11.0	−0.9 M	10 M	760913	
AFGL 5509S	20 26 50	+41 43 00	10.7	−0.5 MU	26 S	800213	770706
75.242−1.772	20 26 52	+36 36 54	11	98 J	11 M	820109	
"	"	"	20	289 J	11 M	"	
CYG X FIR 9	20 26 55	+40 49 31	82	11000 J	12 M	800503	
"	"	"	92	10000 J	12 M	"	
RW CYG	20 27 01.5	+39 48 52	8.4	−1.00 M	−	710403	779907
"	"	"	8.4	−0.89 CV	−	750104	"
"	"	"	8.4	−0.89 C	−	710203	"
"	"	"	11	−2.60 CV	−	750104	"
"	"	"	11	−2.76 M	−	710403	"
"	"	"	11.0	−2.76 C	−	710203	"
"	"	"	20	−3.43 M	9 S	731104	"
AFGL 2589	20 27 02	+ 9 44 30	27.4	−6.4 M	10 M	760913	
78.70+0.70	20 27 04	+39 51 54	11	294 J	11 M	820109	
AFGL 2590	20 27 11	+39 48 18	8.4	−0.9 MV	11 S	800213	AFGL
"	"	"	11.0	−2.4 M	10 M	760913	
"	"	"	11.2	−2.8 M	11 S	800213	AFGL
"	"	"	11.2	−2.6 M	17 S	"	"
"	"	"	12.5	−2.5 M	17 S	"	"
"	"	"	19.8	−3.6 M	10 M	760913	
"	"	"	27.4	−6.2 M	10 M	"	
77.00−0.60	20 27 18	+37 43 30	11	44 J	11 M	820109	
"	"	"	20	70 J	11 M	"	
HFE 66	20 27 20	+40 55	100	13000 J	12 M	711201	
AFGL 2591	20 27 25	+40 01 54	8.4	−2.1 MV	17 S	800213	AFGL
CRL 2591	"	"	8.4	−1.8 C	18 S	761210	"
AFGL 2591	"	"	8.6	−1.7 M	26 S	800213	"
"	"	"	10.7	−1.5 M	26 S	"	"
"	"	"	11.0	−2.6 M	10 M	760913	
"	"	"	11.2	−2.5 MV	17 S	800213	AFGL
CRL 2591	"	"	11.2	−2.2 C	18 S	761210	"
AFGL 2591	"	"	12.2	−3.1 M	26 S	800213	"
"	"	"	12.5	−3.4 MV	17 S	"	"
CRL 2591	"	"	12.5	−3.2 C	18 S	761210	"
AFGL 2591	"	"	18	−4.2 M	17 S	800213	"
"	"	"	19.8	−4.7 M	10 M	760913	
"	"	"	27.4	−6.7 M	10 M	"	
78.873+0.740	20 27 26	+40 01 42	11	248 J	11 M	820109	
"	"	"	20	446 J	11 M	"	
AFCRL809−2992	20 27 34	+40 01 54	18	S	13 S	750106	730703
AFCRL IRS	"	"	350	250 J	63 S	730703	
AFGL 2591	20 27 35	+40 01	90	9800 J	11 M	810709	
CRL 2591	20 27 35.9	+40 01 05	5.0	240 J	−	760604	
"	"	"	8.8	310 J	−	"	
"	"	"	10.6	250 J	−	"	
"	"	"	10.6	250 J	−	"	
"	"	"	10.8	340 J	−	"	
"	"	"	11.6	530 J	−	"	
"	"	"	12.6	750 J	−	"	
"	20 27 35.9	+40 01 16	20	−4.5 M	9 S	770107	
"	"	"	20	660 J	9 S	"	
AFGL 2592	20 27 41	− 4 54 54	11.0	−0.8 M	10 M	760913	
AFGL 2593	20 27 42	+38 50 18	11.0	−1.4 M	10 M	"	
"	"	"	19.8	−4.2 M	10 M	"	
CYG X FIR 10	20 28 03	+40 04 54	82	6400 J	12 M	800503	
"	"	"	92	7800 J	12 M	"	
79.442+0.995	20 28 07	+40 38 12	11	55 J	11 M	820109	
CYG X FIR 11	20 28 08	+41 23 18	92	2500 J	12 M	800503	
79.737+1.170	20 28 17	+40 58 48	11	63 J	11 M	820109	
"	"	"	20	140 J	11 M	"	
IRC+40425	20 28 35	+36 41 30	10.7	−0.5 MU	−	740705	IRC
CYG X FIR 12	20 28 40	+38 58 07	92	8700 J	12 M	800503	
80.223+1.436	20 28 41	+41 31 42	11	104 J	11 M	820109	
"	"	"	20	98 J	11 M	"	
44 CYG	20 29 05.1	+36 45 58	8.7	3.36 M	−	741105	CSI 79
"	"	"	10.0	3.44 M	−	"	"
"	"	"	11.4	3.70 M	−	"	"
"	"	"	12.6	2.97 M	−	"	"
CYG OB2 1	20 29 20	+41 21	10.9	4.50 MU	V	820417	ED
CYG OB2 2	20 29 30	+41 21	10.9	4.50 MU	V	"	ED
CYG OB2 3	20 29 49.9	+41 03 08	10.9	5.01 M	V	"	CSI 79
AFGL 2600	20 29 52	+40 28 36	19.8	−3.6 M	10 M	760913	
78.163−0.381	20 29 55	+38 47 30	11	227 J	11 M	820109	
"	"	"	20	448 J	11 M	"	
AFGL 4267	20 29 58	+38 48 00	11.0	−0.7 M	10 M	760913	
"	"	"	19.8	−3.1 M	10 M	"	
"	"	"	27.4	−5.8 M	10 M	"	
80.65+1.45	20 29 59	+41 52 48	11	100 J	11 M	820109	
"	"	"	20	154 J	11 M	"	
78.2−0.4	20 30	+38 49	80	4.1E5 X	0.4 D	820213	ED
"	"	"	150	1.3E5 X	.37 D	"	"
81.639+2.179	20 30 00	+43 06 30	11	60 J	11 M	820109	
"	"	"	20	11 8	11 M	"	
CYG X FIR 13	20 30 04	+37 19 14	92	2500 J	12 M	800503	
AFGL 2599	20 30 04	+62 46 30	19.8	−3.5 M	10 M	760913	
DR 13	20 30 05	+39 49	90	97000 J	11 M	810709	
75.406−2.500	20 30 13	+35 18 54	11	52 J	11 M	820109	
"	"	"	20	98 J	11 M	"	
AFGL 2601	20 30 15	+35 16 36	11.0	−0.8 M	10 M	760913	
"	"	"	19.8	−3.1 M	10 M	"	
AS 422	20 30 18	+40 38	8.6	4.9 M	V	750505	AS
"	"	"	10	5.1 M	V	"	"
"	"	"	11.3	5.1 M	V	"	"
81.337+1.884	20 30 18	+42 41 24	11	63 J	11 M	820109	
DR 15 #B	20 30 22	+40 03 00	1230	23.0 JU	−	760601	
CYG OB2 4	20 30 26.3	+41 16 57	10.9	4.50 MU	V	820417	CSI 79
CYG X FIR 14	20 30 28	+36 28 29	92	1100 J	12 M	800503	
76.327−1.887	20 30 30	+36 25 24	11	44 J	11 M	820109	
"	"	"	20	83 J	11 M	"	
DR 15	20 30 34	+40 04 24	100	80000 W	4 M	730207	
UCL 7	"	"	100	80000 W	−	730901	
DR 15 #A	"	"	1230	27.2 JU	−	760601	
CYG X-3	20 30 34	+40 47 17	10.1	4.5 MU	−	721008	ED
CYG OB2 5	20 30 34.8	+41 08 04	10.9	3.77 MV	V	820417	779907
CYG OB2 15	20 30 40	+41 16 40	10.9	4.50 MU	V	"	ED
CYG OB2 21	20 30 40	+41 17 20	10.9	4.50 MU	V	"	ED
AFGL 2602	20 30 44	+40 06 48	11.0	−2.4 M	10 M	760913	
"	"	"	19.8	−4.9 M	10 M	"	
"	"	"	27.4	−7.3 M	10 M	"	
DR 12	20 30 45	+39 18	90	19000 J	11 M	810709	
AFGL 2602	20 30 46.4	+40 05 48	10.6	2.9 M	−	790106	
79.343+0.287	20 30 48	+40 08 12	11	289 J	11 M	820109	
"	"	"	20	701 J	11 M	"	
CYG X FIR 15	20 30 49	+41 03 51	92	3700 J	12 M	800503	
77.989+0.0124	20 30 50	+39 40 24	11	87 J	11 M	820109	
"	"	"	20	280 J	11 M	"	
DR 15	20 30 50	+40 13	90	16000 J	11 M	810709	
CYG OB2 16	20 30 50	+41 16 20	10.9	4.50 MU	V	820417	ED
VI CYG 12	20 30 53.4	+41 04 12	5.0	2.25 M	−	700302	780403
"	"	"	8.4	9.0 J	−	741010	"
"	"	"	8.7	2.45 M	5 S	820712	"
"	"	"	8.8	7.2 J	−	741010	"
"	"	"	10	2.01 M	5 S	820712	"
"	"	"	10.2	1.89 M	−	700302	"
"	"	"	10.3	4.45 J	−	741010	"
CYG OB2 12	"	"	10.9	1.95 M	V	820417	"
VI CYG 12	"	"	11.4	2.60 M	5 S	820712	"
"	"	"	11.6	4.5 J	−	741010	"
"	"	"	12.6	2.04 M	5 S	820712	"
"	"	"	12.6	4.8 J	−	741010	"
"	"	"	19.5	2.00 M	5 S	820712	"
"	"	"	22.0	1.68 M	−	700302	"

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
CYG X FIR 16	20 30 54	+43 00 02	92	3700 J	12 M	800503	
CYG X FIR 17	20 30 57	+41 57 24	92	2900 J	12 M	"	
CRL 2603	20 30 57.3	+40 29 32	8.4	190 J	12 S	780106	
"	"	"	10.6	160 J	12 S	"	
"	"	"	11.0	170 J	12 S	"	
CYG X FIR 18	20 30 59	+38 53 40	82	12000 J	12 M	800503	
"	"	"	92	11000 J	12 M	"	
AFGL 2603	20 30 59	+40 29 30	8.4	−1.2 M	17 S	800213	AFGL
"	"	"	8.6	−1.3 M	8.5 S	"	"
"	"	"	8.6	−1.4 M	26 S	"	"
"	"	"	10.7	−1.8 M	26 S	"	"
"	"	"	11.0	−2.0 M	10 M	760913	
"	"	"	11.2	−1.7 M	17 S	800213	AFGL
"	"	"	11.3	−1.6 M	8.5 S	"	"
"	"	"	12.2	−2.0 M	26 S	"	"
"	"	"	12.5	−1.8 M	17 S	"	"
"	"	"	18	−2.5 M	8.5 S	"	"
"	"	"	19.8	−4.0 M	10 M	760913	
MWC 349	20 31 00	+40 29	5.0	0.05 M	-	700302	MWC
"	"	"	8.7	−1.33 M	10 S	800209	"
"	"	"	8.7	−1.34 M	11 S	"	"
"	"	"	10.0	−1.55 M	11 S	"	"
"	"	"	10.2	−1.73 M	-	700302	"
"	"	"	11.4	−1.75 M	10 S	800209	"
"	"	"	11.4	−1.72 M	11 S	"	"
"	"	"	12.6	−2.15 M	11 S	"	"
"	"	"	19.5	−2.50 M	10 S	"	"
"	"	"	19.5	−2.45 M	11 S	"	"
"	"	"	20	0.94 F	13 S	770902	"
"	"	"	20	−2.66 M	-	741002	"
"	"	"	22.0	−2.71 M	-	700302	"
"	"	"	25	0.42 F	13 S	770902	"
"	"	"	50	10.4 J	40 S	790205	"
"	"	"	52	10.4 J	37 S	790702	"
"	"	"	100	8.5 J	37 S	"	"
"	"	"	100	8.5 J	40 S	790205	"
MWC 349A	"	"	10.0	−1.24 M	3 S	800209	"
CYG OB2 6	20 31 00	+41 17	10.9	4.50 MU	V	820417	ED
H-C 2	20 31 03	+40 27	5.0	0.27 M	-	751004	650004
IRC+40431	20 31 07	+40 35 06	8.7	−0.85 M	-	790604	IRC
"	"	"	10.0	−1.38 M	-	"	"
"	"	"	11.4	−1.83 M	-	"	"
"	"	"	12.6	−1.82 M	-	"	"
AFGL 2604	20 31 09	+42 22 48	8.4	−0.4 M	17 S	800213	AFGL
"	"	"	8.6	−0.5 M	26 S	"	"
"	"	"	10.7	−0.7 M	26 S	"	"
"	"	"	11.0	−1.3 M	10 M	760913	
"	"	"	11.2	−1.5 M	17 S	800213	AFGL
"	"	"	12.5	−1.1 M	17 S	"	"
CRL 2604	20 31 09.0	+42 22 24	5.0	26 J	-	760605	
"	"	"	8.4	80 J	-	"	
"	"	"	10.4	60 J	-	"	
"	"	"	12.6	45 J	-	"	
CYG OB2 #41	20 31 10	+41 04 30	5.0	2.16 M	-	751004	ED
"	"	"	10.0	2 MU	-	"	"
CYG X FIR 19	20 31 13	+39 23 49	82	5900 J	12 M	800503	
"	"	"	92	5200 J	12 M	"	
79.747+0.486	20 31 13	+40 34 48	11	107 J	11 M	820109	
"	"	"	20	182 J	11 M	"	
AFGL 2605	20 31 17	+40 35 24	11.0	−1.6 M	10 M	760913	
81.20+1.55	20 31 19	+42 22 48	11	24 J	11 M	820109	
CYG OB2 22	20 31 20	+41 03	10.9	5.45 M	V	820417	ED
82.191+2.281	20 31 21	+43 36 42	11	124 J	11 M	820109	
CYG OB2 9	20 31 23.0	+41 04 51	10.9	4.50 MU	V	820417	819910
CYG OB2 7	20 31 26.5	+41 10 04	10.9	4.50 MU	V	"	819910
CYG OB2 8B	20 31 26.9	+41 08 32	10.9	4.50 MU	V	"	CSI 79
CYG OB2 8A	20 31 27.3	+41 08 31	10.9	5.09 M	V	"	CSI 79
CYG OB2 8C	20 31 28.4	+41 08 43	10.9	4.50 MU	V	"	CSI 79
CYG OB2 24	20 31 30	+41 06	10.9	4.50 MU	V	"	ED
CYG OB2 #629	20 31 30	+41 16	5.0	4 MU	-	751004	
"	-	-	10.0	2 MU	-	"	
CYG OB2 #749	-	-	5.0	4 MU	-	"	
"	-	-	10.0	1.36 M	-	"	
CYG OB2 #1093	-	-	5.0	3.1 M	-	"	
"	-	-	10.0	2 MU	-	"	
CYG OB2 #1359	-	-	5.0	4 MU	-	"	
"	-	-	10.0	2 MU	-	"	
CYG OB2 E	-	-	10.9	4.50 MU	V	820417	
CYG OB2 8D	20 31 30.3	+41 08 13	10.9	4.50 MU	V	"	829906
CYG X FIR 20	20 31 33	+40 16 07	82	22000 J	12 M	800503	
"	"	"	92	19000 J	12 M	"	
AFGL 5514S	20 31 36	+ 2 09 24	19.8	−2.5 M	10 M	770706	
AFGL 2607	20 31 44	+38 30 36	8.6	0.4 MV	26 S	800213	AFGL
"	"	"	10.7	−0.3 MV	26 S	"	"
"	"	"	11.0	−0.7 M	10 M	760913	
"	"	"	12.2	−0.8 MV	26 S	800213	AFGL
CIT 10	20 31 48	+38 29	8.6	0.4 MV	20 S	741201	661001
"	"	"	10.7	−0.3 MV	20 S	"	"
"	"	"	12.2	−0.9 MV	20 S	"	"
78.75-0.40	20 31 48	+39 15 00	11	171 J	11 M	820109	
"	"	"	20	64 J	11 M	"	
CYG X FIR 21	20 31 55	+46 17 07	92	2100 J	12 M	800503	
CYG X FIR 22	20 31 58	+43 43 32	82	5600 J	12 M	"	
"	"	"	92	3100 J	12 M	"	
CYG OB2 10	20 31 58.6	+41 22 39	10.9	4.41 M	V	820417	CSI 79
CYG X FIR 23	20 32 03	+45 16 29	82	4700 J	12 M	800503	
"	"	"	92	4900 J	12 M	"	
H-C 1	20 32 04	+42 09	5.0	0.22 M	-	751004	650004
82.484+2.315	20 32 10	+43 52 00	11	87 J	11 M	820109	
"	"	"	20	287 J	11 M	"	
IRC+40434	20 32 14	+42 15 12	8.7	−0.67 M	-	790604	IRC
"	"	"	10.0	−1.40 M	-	"	"
"	"	"	11.4	−1.90 M	-	"	"
"	"	"	12.6	−1.76 M	-	"	"
AFGL 2609	20 32 15	+42 15 36	11.0	−2.0 M	10 M	760913	
"	"	"	19.8	−2.7 M	10 M	"	
AFGL 5516S	20 32 17	+28 06 00	19.8	−2.6 M	10 M	770706	
83.813+3.282	20 32 18	+45 30 30	11	80 J	11 M	820109	
"	"	"	20	154 J	11 M	"	
CYG X FIR 24	20 32 19	+41 16 32	92	3800 J	12 M	800503	
CYG OB2 19	20 32 20	+41 08 50	10.9	4.50 MU	V	820417	ED
80.405+0.712	20 32 21	+41 14 30	20	308 J	11 M	820109	
CYG OB2 11	20 32 21.1	+41 26 38	10.9	4.41 M	V	820417	CSI 79
83.050+2.690	20 32 23	+44 32 36	11	148 J	11 M	820109	
"	"	"	20	129 J	11 M	"	
AFGL 5517S	20 32 44	+52 51 12	11.0	−0.8 M	10 M	770706	
"	"	"	19.8	−3.7 M	10 M	"	
79.371-0.123	20 32 49	+39 58 12	11	39 J	11 M	820109	

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
"	"	"	20	139 J	11 M	"	
78.464-0.844	20 32 52	+38 45 18	11	1000 J	11 M	"	
"	"	"	20	554 J	11 M	"	
79.4-0.2	20 33	+39 53	80	1.6E5 X	0.4 D	820213	ED
"	"	"	150	3.3E5 X	.37 D	"	"
81.763+1.555	20 33 08	+42 50 00	11	35 J	11 M	820109	
"	"	"	20	214 J	11 M	"	
81.360+1.211	20 33 18	+42 18 18	11	350 J	11 M	"	
"	"	"	20	991 J	11 M	"	
CYG X FIR 25	20 33 19	+42 04 00	82	13000 J	12 M	800503	
"	"	"	92	12000 J	12 M	"	
CYG X FIR 26	20 33 21	+39 46 54	82	4000 J	12 M	"	
"	"	"	92	2700 J	12 M	"	
80.381+0.425	20 33 30	+41 03 00	11	87 J	11 M	820109	
"	"	"	20	409 J	11 M	"	
AFGL 2612	20 33 32	+41 04 18	11.0	−1.2 M	10 M	760913	
"	"	"	19.8	−3.3 M	10 M	"	
AFGL 5519S	20 33 34	+42 23 30	11.0	−0.3 M	10 M	770706	
"	"	"	19.8	−3.2 M	10 M	"	
84.897+3.809	20 33 37	+46 41 24	11	161 J	11 M	820109	
"	"	"	20	222 J	11 M	"	
CYG X FIR 27	20 33 40	+41 06 17	82	6700 J	12 M	800503	
"	"	"	92	4900 J	12 M	"	
NGC 6946	20 33 48.8	+59 58 50	10	0.47 J	4.3 S	760510	769909
"	"	"	10	0.49 J	5.7 S	780305	"
"	"	"	10	0.49 J	5.7 S	760510	"
"	"	"	10	0.56 J	6 S	720901	"
"	"	"	10	0.88 J	8.5 S	760510	"
"	"	"	10	0.87 J	14 S	"	"
"	"	"	10.6	0.75 J	8.5 S	790405	"
"	"	"	21	4.7 J	5.7 S	"	"
"	"	"	21	3.4 J	6 S	720901	"
"	"	"	33	6 J	28 S	800108	"
"	"	"	83	76 J	30 S	"	"
"	"	"	1570	82 JU	1 M	761201	"
AFGL 4268	20 33 49	− 8 44 18	19.8	−3.3 M	10 M	760913	
HFE 67	20 33 50	+42 22	100	16000 J	12 M	711201	
80.078+0.105	20 33 52	+40 36 54	11	93 J	11 M	820109	
"	"	"	20	23 J	11 M	"	
DR 17	20 34	+42 20	90	19560 JE	15 S	821004	ED
CRL 2613	20 34 04.4	+53 38 57	8.7	−0.35 M	11 S	760606	
"	"	"	10	−0.55 M	11 S	"	
"	"	"	11.4	−0.77 M	11 S	"	
"	"	"	12.5	−0.70 M	11 S	"	
"	"	"	19.5	−0.72 M	11 S	"	
MR 112	20 34 06	+41 10	8.6	4.5 M	V	750505	629902
"	"	"	10	4.5 M	V	"	"
"	"	"	11.3	4.15 M	V	"	"
AFGL 2613	20 34 08	+53 39 00	8	S	25 S	810215	AFGL
"	"	"	11.0	−0.6 M	10 M	760913	
IRC+30441	20 34 16	+34 57 12	10.7	0.0 M	-	740705	IRC
AFGL 5523S	20 34 22	+32 14 00	19.8	−4.0 M	10 M	770706	
V VUL	20 34 24.1	+26 25 45	8.6	3.4 M	-	721203	CSI 79
"	"	"	11.3	1.6 M	-	"	"
CYG X FIR 28	20 34 31	+40 29 05	82	6600 J	12 M	800503	
"	"	"	92	3900 J	12 M	"	
80.869+0.501	20 34 45	+41 29 06	11	100 J	11 M	820109	
"	"	"	20	295 J	11 M	"	
DR 20	20 35	+41 30	90	13040 JE	15 S	821004	ED
WU 2035-29.3	20 35	−29 18	280	5E6 X	1 D	741104	ED
AFGL 2616	20 35 00	+41 24 54	11.0	−1.3 M	10 M	760913	
"	"	"	19.8	−3.7 M	10 M	"	
CYG X FIR 29	20 35 02	+41 15 33	82	11000 J	12 M	800503	
"	"	"	92	9600 J	12 M	"	
AFGL 2617	20 35 03	+37 42 06	8.4	0.5 M	17 S	800213	AFGL
IRC+40435	"	"	8.4	0.5 C	-	760610	IRC
AFGL 2617	"	"	8.6	−0.4 MV	26 S	800213	AFGL
IRC+40435	"	"	8.6	−0.3 M	-	740705	IRC
AFGL 2617	"	"	10.7	−1.3 MV	26 S	800213	AFGL
IRC+40435	"	"	10.7	−1.5 M	-	740705	IRC
AFGL 2617	"	"	11.0	−1.3 M	10 M	760913	
"	"	"	11.2	−0.7 M	17 S	800213	AFGL
IRC+40435	"	"	11.2	−0.7 C	-	760610	IRC
AFGL 2617	"	"	12.2	−1.1 MV	26 S	800213	AFGL
IRC+40435	"	"	12.2	−1.4 M	-	740705	IRC
AFGL 2617	"	"	12.5	−0.7 M	17 S	800213	AFGL
IRC+40435	"	"	12.5	−0.7 C	-	760610	IRC
AFGL 2617	"	"	18	−2.2 MU	26 S	800213	AFGL
CYG X FIR 30	20 35 06	+42 37 16	92	2100 J	12 M	800503	
77.969-1.853	20 35 19	+37 45 06	11	104 J	11 M	820109	
"	"	"	20	98 J	11 M	"	
AFGL 5524S	20 35 28	+59 53 42	19.8	−3.2 M	10 M	770706	
EU DEL	20 35 37.7	+18 05 29	20	−1.8 M	14 S	760901	CSI 79
AFGL 2618	20 35 41	+18 05 54	11.0	−1.8 M	10 M	760913	
CYG X FIR 31	20 35 52	+41 50 41	82	8300 J	12 M	800503	
"	"	"	92	6000 J	12 M	"	
AFGL 5525S	20 35 53	+33 34 30	19.8	−3.1 M	10 M	770706	
78.744-1.432	20 36 01	+38 37 24	11	24 J	11 M	820109	
"	"	"	20	98 J	11 M	"	
81.472+0.554	20 36 29	+41 59 42	11	73 J	11 M	"	
"	"	"	20	98 J	11 M	"	
AFGL 2620	20 36 31	+41 55 42	11.0	−1.3 M	10 M	760913	
AFGL 2621	20 36 34	+42 27 54	11.0	−1.1 M	10 M	"	
"	"	"	19.8	−4.2 M	10 M	"	
CYG X FIR 32	20 36 35	+38 33 43	82	3700 J	12 M	800503	
"	"	"	92	2600 J	12 M	"	
81.871+0.816	20 36 41	+42 28 12	11	43 J	11 M	820109	
"	"	"	20	326 J	11 M	"	
CYG X FIR 33	20 36 47	+42 24 21	82	14000 J	12 M	800503	
"	"	"	92	11000 J	12 M	"	
W75 N	20 36 50.6	+42 26 57	53	10000 J	25 S	770208	ED
"	"	"	100	9200 J	28 S	"	"
"	"	"	175	3020 J	35 S	"	"
W75 N OH	20 36 51.1	+42 27 19	9	S	5 S	740203	ED
W75 N	"	"	20	1.3 F	13 S	770104	740203
"	"	"	25	1.4 F	13 S	"	"
"	"	"	33	1.1 F	13 S	"	"
"	"	"	1230	21.0 JU	-	760601	
CYG X FIR 34	20 36 59	+40 27 56	92	1900 J	12 M	800503	
W75N	20 37	+42 20	90	22820 JE	15 S	821004	ED
W75 IRS1	20 37 10.0	+42 12 10	20	0.41 F	13 S	770104	740203
"	"	"	25	0.41 F	13 S	"	"
"	"	"	33	0.24 F	13 S	"	"
W75 IRS2	20 37 11.7	+42 09 14	20	0.08 F	13 S	"	740203
DR 21	20 37 12	+42 09	21	−4.74 M	1 M	721005	
DR 21 N+S	20 37 12.7	+42 09 09	20	1.3 F	13 S	770104	
"	"	"	25	1.9 F	13 S	"	
"	"	"	33	1.8 F	13 S	"	

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
DR 21 N	h m s	° ′ ″	350	1300 J	63 s	730703	770104
DR 21	20 37 13	+42 09	400	88000 X	8.4 M	710404	
DR 21 S	20 37 13.3	+42 09 04	350	1000 J	63 s	730703	790909
DR 21	20 37 13.5	+42 03 51	63.2	81 X	75 s	791008	
"	"	"	88.4	20 XU	75 s	"	
W75 S	20 37 13.5	+42 12 00	53	1050 J	25 s	770208	ED
"	"	"	100	3690 J	28 s	"	"
"	"	"	175	2070 J	35 s	"	"
"	20 37 13.7	+42 12 00	62	2000 J	50 s	790511	
"	"	"	107	6100 J	50 s	"	
"	"	"	108	3700 J	30 s	"	
"	"	"	150	4600 J	50 s	"	
DR 21	20 37 14	+42 08 55	51.8	70 XU	1 M	811107	ED
"	"	"	350	1200 J	56 s	760705	"
DR 21 OH	20 37 14	+42 11 45	350	1400 J	56 s	"	ED
"	20 37 14	+42 12 00	1230	21.1 J	–	760601	
DR 21 B	20 37 14.0	+42 09 03	12.8	3 X	15 s	790909	
"	"	"	12.8	35 X	30 s	"	
DR 21	20 37 14.1	+42 09 18	53	4310 J	25 s	770208	ED
"	"	"	100	4390 J	28 s	"	"
"	"	"	175	1720 J	35 s	"	"
DR 21 OH	"	"	1000	29 J	55 s	780210	770208
DR 21	"	"	1000	32 J	65 s	740402	ED
"	20 37 14.2	+42 09 07	1230	21.6 J	–	760601	
DR 21 IRS	20 37 14.8	+42 08 57	20	0.20 F	13 s	770104	
"	"	"	25	0.34 F	13 s	"	
"	"	"	33	0.31 F	13 s	"	
DR 21	"	"	1000	36 J	55 s	780210	770208
"	20 37 14.9	+42 09 12	42	3000 J	50 s	790511	
"	"	"	59	4300 J	30 s	"	
"	"	"	59	8300 J	50 s	"	
"	"	"	83	5300 J	30 s	"	
"	"	"	86	9300 J	50 s	"	
"	"	"	144	7800 J	50 s	"	
W75 S OH	20 37 14.9	+42 12 10	10	S	9 s	740203	ED
AFGL 2624	20 37 17	+42 09 48	11.0	−1.0 M	10 M	760913	
"	"	"	19.8	−4.6 M	10 M	"	
DR 21	20 37 21.9	+42 09 18	124.2	6.3 XU	60 s	810705	
81.725+0.544	20 37 22	+42 11 18	11	71 J	11 M	820109	
"	"	"	20	608 J	11 M	"	
CYG X FIR 35	20 37 23	+43 10 22	92	1800 J	12 M	800503	
CYG X FIR 36	20 37 24	+42 06 20	82	26000 J	12 M	"	
"	"	"	92	30000 J	12 M	"	
AFGL 2625	20 37 28	+41 08 06	11.0	−1.4 M	10 M	760913	
"	"	"	19.8	−4.6 M	10 M	"	
82.55+1.15	20 37 30	+43 12 42	11	73 J	11 M	820109	
CYG X FIR 37	20 37 37	+39 13 07	92	2500 J	12 M	800503	
CIT 11	20 37 42	+39 01	5.0	0.93 M	–	751004	661001
"	"	"	8.4	32 J	–	741010	"
"	"	"	8.6	0.6 M	20 s	741201	"
"	"	"	8.8	31 J	–	741010	"
"	"	"	10.3	40 J	–	"	"
"	"	"	10.7	−0.7 M	20 s	741201	"
"	"	"	11.6	39 J	–	741010	"
"	"	"	12.2	−0.7 M	20 s	741201	"
"	"	"	12.6	34 J	–	741010	"
IRC+40439	20 37 43	+39 01 30	5.0	0.93 M	–	700302	IRC
"	"	"	8.6	0.7 M	–	740705	"
"	"	"	8.7	0.63 M	–	790604	"
"	"	"	10.0	0.04 M	–	"	"
"	"	"	10.7	−0.2 M	–	740705	"
"	"	"	11.4	−0.37 M	–	790604	"
"	"	"	12.6	−0.46 M	–	"	"
AFGL 2626	20 37 46	+39 01 18	8.4	0.5 M	17 s	800213	AFGL
"	"	"	8.6	0.7 MV	26 s	"	"
"	"	"	10.7	−0.4 MV	26 s	"	"
"	"	"	11.2	−0.4 M	17 s	"	"
"	"	"	12.2	−0.7 M	26 s	"	"
81.000–0.142	20 37 54	+41 11 42	11	406 J	11 M	820109	
"	"	"	20	818 J	11 M	"	
AFGL 2628S	20 37 55	+50 00 12	11.0	−1.5 M	10 M	770706	
CYG X FIR 38	20 37 57	+41 04 26	82	14000 J	12 M	800503	
"	"	"	92	13000 J	12 M	"	
DR 22	20 38	+41 10	90	16300 JE	15 s	821004	ED
DR 21	20 38	+42 10	90	39120 JE	15 s	"	ED
81.591–0.003	20 38 02	+41 44 48	11	149 J	11 M	820109	
"	"	"	20	761 J	11 M	"	
79.55–1.35	20 38 13	+39 18 36	11	87 J	11 M	"	
"	"	"	20	98 J	11 M	"	
AFGL 2629	20 38 20	+ 1 00 42	11.0	−0.3 M	10 M	760913	
HFE 68	20 38 24	+42 27	100	39000 J	12 M	711201	
HFE 69	20 38 38	+41 29	100	65000 J	12 M	"	
CYG X FIR 39	20 38 52	+41 42 46	82	9900 J	12 M	800503	
"	"	"	92	12000 J	12 M	"	
DR 23	20 39	+41 50	90	16300 JE	15 s	821004	ED
81.8+0.3	20 39	+42 06	80	2.0E6 X	0.4 D	820213	ED
"	"	"	150	1.0E6 X	.37 D	"	"
HFE 70	20 39 23	+42 03	100	22000 J	12 M	711201	
IRC+40440	20 39 24	+40 55 42	8.6	1.0 MU	–	740705	IRC
"	"	"	10.7	0.0 MU	–	"	"
AFGL 2631	20 39 26	+41 40 24	11.0	−1.3 M	10 M	760913	
"	"	"	19.8	−3.4 M	10 M	"	
AFGL 2632	20 39 31	+47 57 42	8.4	−3.1 M	11 s	800213	AFGL
"	"	"	8.4	−2.8 M	17 s	"	"
"	"	"	8.6	−3.0 M	26 s	"	"
"	"	"	10.7	−3.5 M	26 s	"	"
"	"	"	11.0	−3.5 M	10 M	760913	
"	"	"	11.2	−3.8 M	11 s	800213	AFGL
"	"	"	11.2	−3.4 M	17 s	"	"
"	"	"	12.2	−3.7 M	26 s	"	"
"	"	"	12.5	−3.3 M	17 s	"	"
"	"	"	18	−3.6 M	26 s	"	"
"	"	"	19.8	−3.6 M	10 M	760913	
AFGL 2633	20 39 35	+45 06 18	11.0	−0.9 M	10 M	"	
80.595–0.879	20 39 39	+40 25 30	11	145 J	11 M	820109	
"	"	"	20	113 J	11 M	"	
V CYG	20 39 41.3	+47 57 44	8	S	–	760708	CSI 79
"	"	"	8.4	−3.07 C	–	710203	"
"	"	"	8.4	25.4 F	–	761005	"
"	"	"	8.4	−3.04 CV	–	750104	"
"	"	"	8.6	−2.7 M	–	721103	"
"	"	"	8.6	23.2 F	–	761005	"
"	"	"	10.8	−3.4 M	–	721103	"
"	"	"	10.8	18.1 F	–	761005	"
"	"	"	11	−3.65 CV	–	750104	"
"	"	"	11.0	16.9 F	–	761005	"
"	"	"	11.0	−3.76 C	–	710203	"
"	"	"	12.2	11.1 F	–	761005	"
"	"	"	12.2	−3.3 M	–	721103	"
"	"	"	16	S	30 s	810806	"
"	"	"	18.0	1.99 F	–	761005	"
"	"	"	18.0	−3.2 M	–	721103	"
"	"	"	20	−3.88 M	9 s	731104	"
"	"	"	20.0	2.58 F	–	761005	"
AFGL 2634S	20 39 43	+62 17 24	11.0	−0.6 M	10 M	770706	
ALF CYG	20 39 43.4	+45 06 02	5.0	0.75 M	–	700302	CSI 79
"	"	"	8.4	0.81 M	–	710403	"
"	"	"	8.6	0.70 M	11 s	770504	"
"	"	"	9.5	0.73 C	–	641101	"
"	"	"	10	0.69 M	11 s	770504	"
"	"	"	10.2	0.63 M	–	700302	"
"	"	"	11	0.83 M	–	710403	"
"	"	"	11.3	0.67 M	11 s	770504	"
"	"	"	18	0.09 M	11 s	"	"
"	"	"	22.0	−0.02 M	–	700302	"
HD 197406	20 39 51.1	+52 24 38	8.7	4.29 MU	11 s	740907	CSI 79
86.567+3.744	20 39 55	+47 58 18	11	743 J	11 M	820109	
"	"	"	20	237 J	11 M	"	
NOVA DEL 1967	20 40 04	+18 58 47	10	3.1 MV	–	700804	GCVS
CYG X FIR 40	20 40 22	+38 40 29	92	2100 J	12 M	800503	
CYG X FIR 41	20 40 35	+42 41 00	82	7800 J	12 M	"	
"	"	"	92	6400 J	12 M	"	
AFGL 2635	20 40 39	+38 31 48	11.0	−1.0 M	10 M	760913	
AFGL 2636	20 40 42	+42 46 42	19.8	−3.8 M	10 M	"	
AFGL 2636.1	–	–	8.6	2.0 M	8.5 s	800213	ED
"	–	–	10.7	2.2 M	8.5 s	"	"
"	–	–	12.2	1.6 M	8.5 s	"	"
"	–	–	18	−0.1 M	8.5 s	"	"
AFGL 2636.2	–	–	8.6	2.7 M	8.5 s	"	"
"	–	–	10.7	2.7 M	8.5 s	"	"
"	–	–	12.2	1.5 M	8.5 s	"	"
"	–	–	18	−1.6 M	8.5 s	"	"
IRC+20476	20 40 44	+21 52 12	10.7	−0.1 MU	–	740705	IRC
AFGL 2636IRS2	20 40 46.6	+42 45 59	8.7	3.38 MV	4.5 s	800801	
"	"	"	8.7	2.71 M	9 s	"	
"	"	"	10	2.87 MV	4.5 s	"	
"	"	"	10	2.68 M	9 s	"	
"	"	"	11.4	2.63 MV	4.5 s	"	
"	"	"	12.6	2.05 MV	4.5 s	"	
"	"	"	12.6	1.50 M	9 s	"	
"	"	"	18	−1.57 M	9 s	"	
"	"	"	19.5	−1.83 MV	4.5 s	"	
AFGL 2636	20 40 47.0	+42 45 52	8.4	2.99 MV	17 s	790401	
"	"	"	11.2	2.56 MV	17 s	"	
"	"	"	12.5	2.44 MV	17 s	"	
AFGL 2636IRS1	20 40 47.3	+42 46 01	8	S	9 s	800801	
"	"	"	8.7	2.60 MV	4.5 s	"	
"	"	"	8.7	1.96 MV	9 s	"	
"	"	"	10	2.34 MV	4.5 s	"	
"	"	"	10	2.20 MV	9 s	"	
"	"	"	11.4	2.12 MV	4.5 s	"	
"	"	"	12.6	1.55 MV	4.5 s	"	
"	"	"	12.6	1.55 MV	9 s	"	
"	"	"	18	−0.11 M	9 s	"	
"	"	"	19.5	0.13 MV	4.5 s	"	
B SUPERGIANT	20 40 48.7	+42 45 46	10	7.0 MU	4.5 s	"	ED
82.609+0.412	20 40 53	+42 48 12	11	51 J	11 M	820109	
"	"	"	20	366 J	11 M	"	
AFGL 2636	20 41	+42 50	90	6520 JE	15 s	821004	ED
AFGL 5532S	20 41 18	+11 40 24	11.0	−1.4 M	10 M	770706	
"	"	"	19.8	−2.4 M	10 M	"	
MARK 509	20 41 26.4	−10 54 16	8.3	5.77 M	3.5 s	820311	789901
"	"	"	8.4	4.3 MU	13 s	760706	"
"	"	"	9.4	5.41 M	3.5 s	820311	"
"	"	"	10.3	5.56 M	3.5 s	"	"
"	"	"	10.6	0.140 J	–	781209	"
"	"	"	12.0	5.25 M	3.5 s	820311	"
X CYG	20 41 26.6	+35 24 24	8.6	1.1 MU	–	721203	779907
"	"	"	11.3	3.8 M	–	"	"
AFGL 5533S	20 41 28	+27 04 24	10.7	−0.1 MU	26 s	800213	770706
AFGL 2637	20 41 36	+43 00 30	8.6	−0.2 MV	26 s	"	AFGL
"	"	"	10.7	−0.9 MV	26 s	"	"
"	"	"	12.2	−1.1 MV	26 s	"	"
CIT 12	20 41 36	+43 01	8.6	−0.2 MV	20 s	741201	661001
"	"	"	10.7	−0.9 MV	20 s	"	"
"	"	"	12.2	−1.2 MV	20 s	"	"
IRC+40442	20 41 36	+43 01 00	5.0	0.65 M	–	700302	IRC
"	"	"	10.2	−15.8 R	–	740401	"
IRC+40444	20 41 59	+44 17 36	8.7	1.40 M	–	790604	IRC
"	"	"	10.0	0.69 M	–	"	"
"	"	"	10.7	0.7 M	–	740705	"
"	"	"	11.4	0.19 M	–	790604	"
"	"	"	12.6	0.45 M	–	"	"
CYGNUS REGION	20 42	+41 48	670	56000 J	1.6 D	790809	
"	"	"	1250	20000 JU	1.6 D	"	
82.941+0.323	20 42 23	+43 00 30	11	20 J	11 M	820109	
"	"	"	20	128 J	11 M	"	
AFGL 5535S	20 42 40	+32 20 12	11.0	−1.1 M	10 M	770706	
AFGL 2644	20 43 06	+56 19 30	11.0	−1.3 M	10 M	760913	
"	"	"	19.8	−3.7 M	10 M	"	
AFGL 2641	20 43 07	+17 55 36	8.4	−0.7 M	11 s	800213	AFGL
"	"	"	11.0	−1.4 M	10 M	760913	
"	"	"	11.2	−1.7 M	11 s	800213	AFGL
"	"	"	19.8	−3.6 M	10 M	760913	
U DEL	20 43 10.7	+17 54 25	8.4	−0.69 C	–	710203	CSI 79
"	"	"	11.0	−1.74 C	–	"	"
"	"	"	20	−2.4 M	14 s	760901	"
AFGL 5538S	20 43 18	+67 12 12	11.0	−1.5 M	10 M	770706	
"	"	"	19.8	−2.4 M	10 M	"	
AFGL 2642S	20 43 20	+42 09 06	10.7	0.3 M	26 s	800213	770706
IRC+40446	20 43 28	+42 09 00	10.7	0.3 M	–	740705	IRC
83.940+0.794	20 43 49	+44 04 54	11	59 J	11 M	820109	
"	"	"	20	140 J	11 M	"	
CYG X FIR 42	20 43 53	+43 56 03	92	3600 J	12 M	800503	
AFGL 2646	20 43 55	− 1 04 36	8.4	−0.1 M	17 s	800213	AFGL
"	"	"	8.6	−0.6 MV	26 s	"	"
"	"	"	10.7	−1.6 MV	26 s	"	"
"	"	"	11.0	−1.9 M	10 M	760913	
"	"	"	11.2	−1.3 M	17 s	800213	AFGL
"	"	"	12.2	−1.3 MV	26 s	"	"
"	"	"	12.5	−1.1 M	17 s	"	"
"	"	"	18	−2.1 MU	26 s	"	"
"	"	"	19.8	−2.8 M	10 M	760913	
82.014–0.857	20 44 03	+41 34 06	11	76 J	11 M	820109	
"	"	"	20	84 J	11 M	"	
IRC 00490	20 44 04	− 1 05 12	8.4	−0.1 C	–	760610	IRC

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
"	h m s	° ′ ″	8.6	−1.0 M	–	740705	"
"	"	"	10.7	−2.1 M	–	"	"
"	"	"	11.2	−1.3 C	–	760610	"
"	"	"	12.2	−1.7 M	–	740705	"
"	"	"	12.5	−1.2 C	–	760610	"
IRC+40448	20 44 33	+39 56 06	5.0	−2.75 M	–	700302	IRC
"	"	"	5.0	−13.5 R	–	740401	"
"	"	"	10.2	−5.16 M	–	700302	"
"	"	"	10.2	−13.7 R	–	740401	"
"	"	"	20	−6.85 M	–	751002	"
"	"	"	22.0	−6.39 M	–	700302	"
"	"	"	25	−7.09 M	–	751002	"
"	"	"	33	−7.57 M	–	"	"
NML CYG	20 44 33.9	+39 55 58	10.1	−5.3 C	–	720001	
AFGL 2650	20 44 34	+39 56 36	8.4	−5.0 MV	17 s	800213	AFGL
"	"	"	8.6	−4.6 M	8.5 s	"	"
"	"	"	10.7	−4.9 M	8.5 s	"	"
"	"	"	11.0	−5.7 M	10 M	760913	
"	"	"	11.2	−5.6 MV	17 s	800213	AFGL
"	"	"	12.2	−5.4 M	8.5 s	"	"
"	"	"	12.5	−5.9 MV	17 s	"	"
"	"	"	18	−6.2 M	8.5 s	"	"
"	"	"	19.8	−6.7 M	10 M	760913	
"	"	"	27.4	−7.2 M	10 M	"	
NML CYG	20 44 39	+39 56	5	D	–	751103	650701
"	"	"	5.0	−3.47 M	–	751004	"
"	"	"	5.0	−3.47 M	–	700502	"
"	"	"	5.0	−3.47 M	–	650003	"
"	"	"	7.5	S	–	690302	"
"	"	"	8.3	−5.2 M	–	770608	"
"	"	"	8.4	−5.0 M	11 s	700906	"
"	"	"	8.4	−4.7 CV	–	760610	"
"	"	"	8.4	−5.17 M	–	710403	"
"	"	"	8.4	−5.17 C	–	710405	"
"	"	"	8.5	−5.0 M	–	700907	"
"	"	"	8.6	−5.1 M	20 s	741201	"
"	"	"	8.6	−4.8 M	–	721103	"
"	"	"	10	−5.39 C	–	670801	"
"	"	"	10	P	–	720803	"
"	"	"	10	−5.39 M	–	650004	"
"	"	"	10	−5.3 ME	–	740408	"
"	"	"	10.0	−5.19 M	–	751004	"
"	"	"	10.1	−5.0 M	–	691102	"
"	"	"	10.2	176 F	–	650003	"
"	"	"	10.2	−5.19 M	–	700502	"
"	"	"	10.2	−5.5 M	–	770608	"
"	"	"	10.7	−5.5 M	20 s	741201	"
"	"	"	10.8	−5.5 M	–	721103	"
"	"	"	11	−5.77 M	–	710403	"
"	"	"	11.0	−5.4 M	11 s	700906	"
"	"	"	11.0	−5.77 C	–	710405	"
"	"	"	11.1	−5.8 M	–	770608	"
"	"	"	11.2	−5.2 CV	–	760610	"
"	"	"	11.4	−5.4 M	–	700907	"
"	"	"	12.2	−6.0 M	20 s	741201	"
"	"	"	12.2	−5.7 M	–	721103	"
"	"	"	12.5	−5.5 CV	–	760610	"
"	"	"	18	−6.8 M	20 s	741201	"
"	"	"	18.0	−6.7 M	–	721103	"
"	"	"	20	−6.85 M	9 s	731104	"
"	"	"	20	−6.75 M	10 s	721002	"
"	"	"	20	60 F	–	650003	"
"	"	"	20	44 F	–	690401	"
"	"	"	22	−6.74 M	–	700502	"
84.292+0.885	20 44 39	+44 24 48	11	186 J	11 M	820109	
"	"	"	20	140 J	11 M	"	
CYG X FIR 43	20 44 43	+40 48 36	82	3900 J	12 M	800503	
"	"	"	92	2600 J	12 M	"	
80.883−1.889	20 44 49	+40 01 06	11	5682 J	11 M	820109	
"	"	"	20	3560 J	11 M	"	
80.120−2.554	20 44 54	+39 00 24	11	121 J	11 M	"	
"	"	"	20	167 J	11 M	"	
CYG X FIR 44	20 44 54	+39 13 27	92	1600 J	12 M	800503	
AS 441	20 44 58	+43 34	8.4	3.2 MU	11 s	730004	AS
"	"	"	10	4.9 M	–	730607	"
"	"	"	11	2.25 M	11 s	730004	"
"	"	"	18	0.2 M	11 s	"	"
AFGL 5543S	20 44 59	+39 40 42	10.7	0.7 MU	26 s	800213	770706
IRC+40449	20 45 02	+39 41 30	10.7	0.7 MU	–	740705	IRC
3 AQR	20 45 05.9	− 5 12 42	8.4	−0.27 M	–	730002	CSI 79
"	"	"	10.2	−0.30 M	–	"	"
"	"	"	11.2	−0.36 M	–	"	"
AFGL 2652	20 45 07	− 5 11 18	11.0	−1.3 M	10 M	760913	
AFGL 2653	20 45 14	+45 22 30	11.0	−2.6 M	10 M	"	
83.364−0.020	20 45 18	+43 07 18	11	90 J	11 M	820109	
"	"	"	20	154 J	11 M	"	
CYG X FIR 45	20 45 41	+43 16 55	82	4300 J	12 M	800503	
"	"	"	92	2900 J	12 M	"	
AFGL 2655	20 45 44	+58 14 30	19.8	−3.3 M	10 M	760913	
AS 442	20 45 52	+43 35	8.4	3.1 M	11 s	730004	AS
"	"	"	10	3.2 M	–	730607	"
"	"	"	11	3.0 M	11 s	730004	"
"	"	"	18	−1.5 MU	11 s	"	"
AFGL 2656S	20 45 53	+44 14 12	19.8	−3.9 M	10 M	770706	
83.662+0.066	20 45 58	+43 24 30	11	83 J	11 M	820109	
"	"	"	20	113 J	11 M	"	
AFGL 2657	20 46 16	+28 03 54	11.0	−0.7 M	10 M	760913	
LKHA 134	20 46 18	+43 36	8.4	3.25 M	11 s	730004	730001
"	"	"	10	1.8 M	–	730607	"
"	"	"	11	1.7 M	11 s	730004	"
"	"	"	18	0.4 M	11 s	"	"
LKHA 135	20 46 36	+43 29	8.4	2.1 M	11 s	"	730001
"	"	"	10	2.7 MU	–	730607	"
"	"	"	11	2.3 M	11 s	730004	"
AFGL 2658	20 46 49	+ 0 44 30	11.0	−1.4 M	10 M	760913	
85.0−1.0	20 47	+45 02	80	30000 XU	0.4 D	820213	ED
"	"	"	150	1.5E5 X	.37 D	"	"
AFGL 2660	20 47 06	+31 40 06	11.0	−0.4 M	10 M	760913	
55 CYG	20 47 13.9	+45 55 40	10	3.40 M	11 s	770504	CSI 79
CYG X FIR 46	20 47 29	+44 21 46	92	2300 J	12 M	800503	
84.567+0.446	20 47 32	+44 20 48	11	911 J	11 M	820109	
"	"	"	20	2000 J	11 M	"	
TX DEL	20 47 41.9	+ 3 27 53	10	4.59 MU	–	741008	CSI 79
AFGL 2662	20 47 48	+ 5 53 42	11.0	−0.6 M	10 M	760913	
AFGL 5548S	20 47 59	+50 34 54	11.0	−1.0 M	10 M	770706	
IRC+40454	20 48 10	+37 18 54	10.7	0.7 M	–	740705	IRC
HFE 71	20 48 24	+43 26	100	63000 J	12 M	711201	
AFGL 2666	20 48 44	−11 16 00	11.0	−1.6 M	10 M	760913	
IRC+40456	20 48 49	+39 38 12	10.7	0.6 M	–	740705	IRC
V1329 CYG	20 49 02.6	+35 23 37	10	4.9 MU	–	740708	749903
AFGL 5549S	20 49 05	+39 38 12	10.7	0.6 M	26 s	800213	770706
T VUL	20 49 20.7	+28 03 42	11.3	3.4 M	–	721203	CSI 79
AFGL 2667	20 50 02	+47 09 36	11.0	−1.1 M	10 M	760913	
AFGL 5552S	20 50 11	+35 01 36	19.8	−3.7 M	10 M	770706	
"	"	"	27.4	−6.6 M	10 M	"	
LKHA 169	20 50 21	+43 52 24	10	3.0 MU	–	730607	589902
"	"	"	11	3.1 MU	11 s	730004	"
AFGL 2670	20 50 21	−12 33 30	11.0	−2.1 M	10 M	760913	
MWC 1032	20 50 23.7	+44 14 42	8.4	3.0 MU	11 s	730004	CSI 79
"	"	"	10	2.3 M	–	730607	"
"	"	"	11	3.2 MU	11 s	730004	"
87.076+1.870	20 50 27	+47 11 18	11	65 J	11 M	820109	
"	"	"	20	153 J	11 M	"	
AFGL 2672	20 50 43	+23 10 00	11.0	−0.8 M	10 M	760913	
AFGL 2673S	20 51 00	+29 29 36	11.0	−1.2 M	10 M	770706	
IRC+50350	20 51 08	+49 40 36	10.7	0.0 MU	–	740705	IRC
CYG X FIR 47	20 51 45	+44 18 55	92	3100 J	12 M	800503	
85.012−0.245	20 52 05	+44 14 48	11	912 J	11 M	820109	
"	"	"	20	998 J	11 M	"	
AFGL 5554S	20 52 08	+33 15 24	19.8	−2.5 M	10 M	770706	
CYG X FIR 48	20 52 16	+47 11 50	92	1900 J	12 M	800503	
UX CYG	20 52 59.1	+30 13 19	10.1	−0.47 C	–	720001	CSI 79
AFGL 2677	20 53 04	+30 12 00	11.0	−1.9 M	10 M	760913	
"	"	"	19.8	−3.9 M	10 M	"	
LKHA 183	20 53 25	+44 51 30	10	2.5 MU	–	730607	589902
"	"	"	11	3.1 MU	11 s	730004	"
CYG X FIR 49	20 54 43	+43 21 07	92	2400 J	12 M	800503	
BS 8023	20 54 48.7	+44 43 53	10.7	1.8 MU	–	730303	CSI 79
AFGL 2679	20 54 55	+37 13 00	8.6	0.3 MV	26 s	800213	AFGL
"	"	"	10.7	−0.1 MV	26 s	"	"
"	"	"	11.0	−0.3 M	10 M	760913	
"	"	"	12.2	0.1 MV	26 s	800213	AFGL
"	20 54 55.8	+37 13 35	8.4	0.40 M	17 s	790401	
"	"	"	11.2	−0.12 M	17 s	"	
AFGL 5556S	20 55 29	+25 20 54	11.0	−0.2 M	10 M	770706	
"	"	"	19.8	−4.1 M	10 M	"	
86.987+0.585	20 55 49	+46 17 12	11	100 J	11 M	820109	
FJM 3	20 56 13	+57 37	100	1.1E5 X	4.5 M	720902	
AZ CYG	20 56 15.8	+46 16 22	8.5	−0.3 M	–	700907	779907
"	"	"	11.4	−1.7 M	–	"	"
"	"	"	20	−2.76 M	9 s	731104	"
AFGL 2683	20 56 25	+46 16 30	11.0	−1.5 M	10 M	760913	
"	"	"	19.8	−3.5 M	10 M	"	
LKHA 189	20 56 36	+43 42 18	10	4.0 MU	–	730607	589902
LKHA 188	20 56 37	+43 41 35	10	4.0 MU	–	"	729902
"	"	"	11	2.8 MU	11 s	730004	"
CRL 2686	20 57 00.5	+27 15 08	11	280 J	–	760605	
AFGL 2686	20 57 00.7	+27 14 42	8.4	−2.24 MV	17 s	790401	
"	"	"	11.2	−3.08 MV	17 s	"	
84.60−1.800	20 57 06	+42 55 12	11	69 J	11 M	820109	
"	"	"	20	168 J	11 M	"	
V1057 CYG	20 57 06	+44 03 49	5	0.89 F	10 s	720806	GCVS
"	"	"	5	3.37 MV	–	750407	"
"	"	"	5.0	3.2 MV	–	720204	"
"	"	"	8	S	–	800509	"
LKHA 190	"	"	8.4	1.2 MV	11 s	730004	"
"	"	"	8.4	1.4 M	26 s	"	"
V1057 CYG	"	"	8.5	1.68 M	–	800509	"
LKHA 190	"	"	8.6	0.8 M	11 s	711105	"
V1057 CYG	"	"	9.6	1.41 M	–	800509	"
"	"	"	10	0.4 M	–	730607	"
"	"	"	10	0.65 MV	–	750407	"
"	"	"	10.2	0.2 MV	–	720204	"
LKHA 190	"	"	10.8	−0.3 M	11 s	711105	"
"	"	"	10.8	−0.1 MV	11 s	730004	"
"	"	"	10.8	0.3 M	26 s	"	"
V1057 CYG	"	"	11	0.67 F	10 s	720806	"
LKHA 190	"	"	11	−0.2 MV	11 s	730004	"
"	"	"	11.3	−0.5 M	11 s	711105	"
V1057 CYG	"	"	11.5	−0.7 M	–	720204	"
"	"	"	11.6	0.80 M	–	800509	"
LKHA 190	"	"	12.6	−0.4 M	11 s	711105	"
"	"	"	12.8	−0.2 MV	11 s	730004	"
"	"	"	12.8	−0.5 M	26 s	"	"
V1057 CYG	"	"	13.0	−0.9 M	–	720204	"
LKHA 190	"	"	18	−2.7 M	11 s	711105	"
"	"	"	18	−2.6 MV	11 s	730004	"
V1057 CYG	"	"	20	0.72 F	10 s	720806	"
LKHA 190	"	"	20	−2.4 MV	11 s	730004	"
"	"	"	20	−2.5 M	11 s	711105	"
V1057 CYG	"	"	20	0.32 F	13 s	770902	"
"	"	"	20	−1.97 MV	–	750407	"
LKHA 190	"	"	22	−2.9 MV	11 s	730004	"
"	"	"	22	−3.2 M	11 s	711105	"
V1057 CYG	"	"	22	−2.6 MV	–	720204	"
"	"	"	25	0.19 F	13 s	770902	"
"	"	"	40	37 J	–	820410	"
"	"	"	50	52 J	–	"	"
"	"	"	100	35 J	–	"	"
"	"	"	160	38 J	–	"	"
AFGL 2686	20 57 09	+27 15 48	7.9	−1.8 M	8.5 s	800213	AFGL
"	"	"	8.4	−2.5 M	17 s	"	"
"	"	"	8.5	−1.9 M	8.5 s	"	"
"	"	"	8.6	−2.3 MV	26 s	"	"
"	"	"	10.55	−2.4 M	8.5 s	"	"
"	"	"	10.7	−3.0 MV	26 s	"	"
"	"	"	11.0	−2.5 M	10 M	760913	
"	"	"	11.2	−3.1 M	17 s	800213	AFGL
"	"	"	12.2	−3.0 MV	26 s	"	"
"	"	"	12.5	−3.1 M	17 s	"	"
"	"	"	12.52	−2.5 M	8.5 s	"	"
"	"	"	18	−3.4 MV	26 s	"	"
"	"	"	19.8	−3.1 M	10 M	760913	
LKHA 191	20 57 18	+43 45 20	10	4.0 MU	–	730607	729902
"	"	"	11	3.0 MU	11 s	730004	"
LKHA 192	20 57 30	+44 06 06	10	3.5 MU	–	730607	589902
"	"	"	11	3.0 MU	11 s	730004	"
HFE 72	20 57 44	+43 20	100	98000 J	12 M	711201	
AFGL 5560S	20 58 06	+13 26 00	19.8	−2.8 M	10 M	770706	
"	"	"	27.4	−6.1 M	10 M	"	
AFGL 4270	20 58 42	−74 15 36	19.8	−3.9 M	10 M	760913	
AFGL 5563S	20 59 07	+49 56 12	10.7	0.6 M	26 s	800213	770706
IRC+50353	20 59 10	+45 11 24	10.7	0.6 M	–	740705	IRC
IRC+50354	20 59 31	+49 56 24	10.7	0.5 MU	–	"	IRC
LKHA 120	20 59 31	+50 10	10	3.8 M	11 s	741108	729902
"	"	"	18	1.5 M	11 s	"	"

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
AFGL 2690	21 00 01.8	+82 51 41	10.6	0.4 M	–	790106	
AFGL 2688	21 00 16	+36 30 00	7.9	4.0 M	8.0 S	800213	AFGL
CRL 2688	"	"	8	S	V	750802	"
AFGL 2688	"	"	8.4	−0.9 MV	17 S	800213	"
CRL 2688	"	"	8.4	−0.9 C	18 S	761210	"
AFGL 2688	"	"	8.5	−0.9 M	8.0 S	800213	"
"	"	"	8.6	−1.3 MV	26 S	"	"
"	"	"	10.55	−2.3 M	8.0 S	"	"
"	"	"	10.7	−2.6 MV	26 S	"	"
"	"	"	11.0	−2.6 M	10 M	760913	
"	"	"	11.09	−3.3 M	8.0 S	800213	AFGL
"	"	"	11.2	−2.7 MV	17 S	"	"
CRL 2688	"	"	11.2	−3.0 C	18 S	761210	"
AFGL 2688	"	"	11.94	−6.0 M	8.0 S	800213	"
"	"	"	12.2	−3.4 MV	26 S	"	"
"	"	"	12.5	−3.3 MV	17 S	"	"
CRL 2688	"	"	12.5	−3.5 C	18 S	761210	"
"	"	"	16	S	18 S	750802	"
AFGL 2688	"	"	18	−5.8 MV	26 S	800213	"
"	"	"	19.8	−6.0 M	10 M	760913	
IV ZW 67	"	"	20	−6.1 M	14 S	760901	
AFGL 2688	"	"	27.4	−7.6 M	10 M	760913	
"	"	"	35	6202 JV	22 S	780411	AFGL
"	"	"	35	6140 J	45 S	"	"
"	"	"	53	3343 JV	22 S	"	"
"	"	"	128	550 JU	45 S	"	"
LKHA 321	21 00 26	+49 40	10	3.75 M	11 S	741108	729902
"	"	"	18	1.2 MU	11 S	"	"
86.279–1.165	21 00 38	+44 36 00	11	73 J	11 M	820109	
"	"	"	20	65 J	11 M	"	
AFGL 5569S	21 00 47	+48 00 54	19.8	−3.1 M	10 M	770706	
AFGL 2690	21 00 48	+82 52 42	8.6	0.8 M	26 S	800213	AFGL
"	"	"	10.7	0.0 M	26 S	"	"
"	"	"	11.0	−1.3 M	10 M	760913	
"	"	"	12.2	0.0 M	26 S	800213	AFGL
"	"	"	19.8	−3.5 M	10 M	760913	
HD 200775 #3	21 00 54.3	+67 58 25	85	240 J	30 S	810605	ED
HD 200775 #5	21 00 55.2	+67 58 40	140	580 J	1.7 M	"	ED
"	"	"	170	410 J	1.7 M	"	"
"	"	"	200	220 J	1.0 M	"	"
"	"	"	200	350 J	1.7 M	"	"
"	"	"	300	110 J	1.7 M	"	"
"	"	"	400	53 J	1 M	"	"
HD 200775 #6	21 00 55.2	+67 59 25	400	60 J	1 M	"	ED
AFGL 2693S	21 00 56	+59 30 12	10.7	0.6 M	26 S	800213	770706
"	"	"	11.0	−0.9 M	10 M	770706	
IRC+60303	21 00 56	+59 31 00	10.7	0.6 M	–	740705	IRC
HD 200775	21 00 59.6	+67 57 55	8.4	2.2 M	–	710202	CSI 79
"	"	"	8.7	1.85 M	7 S	801011	"
"	"	"	8.7	1.93 M	–	780704	"
"	"	"	10	1.63 M	7 S	801011	"
"	"	"	10	1.70 M	–	730503	"
"	"	"	11.0	1.7 M	–	710202	"
"	"	"	11.4	1.46 M	7 S	801011	"
"	"	"	11.4	1.59 M	–	780704	"
"	"	"	12.6	1.51 M	7 S	801011	"
"	"	"	30	90 JU	30 S	810605	"
"	"	"	85	120 J	30 S	"	"
"	"	"	400	14 J	1 M	"	"
HD 200775 #1	21 00 59.6	+67 58 25	85	230 J	30 S	"	ED
HD 200775 #2	21 00 59.6	+67 58 55	85	220 J	30 S	"	ED
AFGL 2695	21 00 59.7	+67 57 56	10.6	1.5 M	–	790106	
WU 2101-24.3	21 01	−24 18	280	4E6 X	1 D	741104	ED
HD 200775 #4	21 01 04.9	+67 58 40	85	160 JU	30 S	810605	ED
AFGL 2694	21 01 18	+23 48 18	19.8	−3.8 M	10 M	760913	
AFGL 2695	21 01 19	+67 58 42	11.0	−1.4 M	10 M	"	
"	"	"	19.8	−2.7 M	10 M	"	
NGC 7009 7"W	21 01 27.1	−11 33 54	10.5	7000 G	7 S	811008	ED
NGC 7009 6"W	21 01 27.2	−11 33 54	9.0	1200 G	7 S	"	ED
NGC 7009	21 01 27.6	−11 33 54	8.9	4 XU	6 S	710207	739909
"	"	"	9.0	1800 G	7 S	811008	"
"	"	"	10	2.85 M	11 S	741009	"
"	"	"	10.5	2 X	6 S	710207	"
"	"	"	10.5	8400 G	7 S	811008	"
"	"	"	10.5	57 J	22 S	720301	"
"	"	"	10.5	16 X	–	"	"
"	"	"	10.50	S	6 S	710207	"
"	"	"	11	1.0 M	11 S	741009	"
"	"	"	11	14 J	22 S	720301	"
"	"	"	11	10 J	–	"	"
"	"	"	11.5	12 JU	26 S	690705	"
"	"	"	12.8	100 G	7 S	811008	"
"	"	"	18	1.4 M	11 S	741009	"
NGC 7009 6"E	21 01 28.0	−11 33 54	9.0	1200 G	7 S	811008	ED
NGC 7009 7"E	21 01 28.1	−11 33 54	10.5	7000 G	7 S	"	ED
AFGL 2697	21 02 16	+37 39 24	8.6	−0.8 M	26 S	800213	AFGL
"	"	"	10.6	−1.1 M	26 S	"	"
"	"	"	10.7	−0.5 M	26 S	"	"
"	"	"	12.2	−1.3 M	26 S	"	"
"	"	"	18	−1.5 M	26 S	"	"
"	"	"	19.8	−2.5 M	10 M	760913	
IRC+40465	21 02 19	+37 38 42	10.7	0.8 MU	–	740705	IRC
LKHA 324	21 02 20	+50 03	10	4.3 MU	11 S	741108	729902
AFGL 2698	21 02 35	+37 04 42	11.0	−1.3 M	10 M	760913	
CRL 2699	21 02 42.9	+53 09 07	8.7	−0.88 M	11 S	760606	
"	"	"	10	−1.15 M	11 S	"	
"	"	"	11.4	−1.51 M	11 S	"	
"	"	"	12.5	−1.66 M	11 S	"	
"	"	"	19.5	−2.07 M	11 S	"	
"	"	"	23	−2.32 M	11 S	"	
"	21 02 43.3	+53 09 00	5.0	98 J	–	760605	
"	"	"	8.4	120 J	–	"	
"	"	"	8.8	85 J	–	"	
"	"	"	10.4	120 J	–	"	
"	"	"	10.6	100 J	–	"	
"	"	"	11.6	120 J	–	"	
"	"	"	12.6	70 J	–	"	
IRC+30469	21 02 47	+27 12 06	10.7	−0.4 M	–	740705	IRC
AFGL 5573S	21 02 47	+42 14 18	19.8	−3.9 M	10 M	770706	
AFGL 2699	21 02 49	+53 08 54	7.9	−0.6 M	8.5 S	800213	AFGL
"	"	"	8	S	25 S	810215	"
"	"	"	8.5	−0.6 M	8.5 S	800213	"
"	"	"	10.55	−1.1 M	8.5 S	"	"
"	"	"	11.0	−1.3 M	10 M	760913	
"	"	"	12.52	−1.2 M	8.5 S	800213	AFGL
AFGL 2700	21 02 52	+27 11 30	10.7	−0.4 M	26 S	"	AFGL
EH CEP	21 02 53	+67 47 32	10	8.75 MV	12 S	760107	GCVS
XI CYG	21 03 06.5	+43 43 38	5.0	0.10 M	–	700302	CSI 79
62 CYG	"	"	8.6	−0.1 M	–	721203	"
XI CYG	"	"	10	0.677 FV	V	660501	"
"	"	"	10.2	−0.07 M	–	700302	"
62 CYG	"	"	11.3	−0.2 M	–	721203	"
XI CYG	"	"	22.0	−0.18 M	–	700302	"
AFGL 2701S	21 03 11	−18 19 42	19.8	−3.1 M	10 M	770706	
AFGL 2702	21 03 18	+ 0 24 54	11.0	−2.4 M	10 M	760913	
"	"	"	19.8	−3.0 M	10 M	"	
AFGL 2704	21 03 28	+51 36 30	8.4	−1.7 MV	17 S	800213	AFGL
"	"	"	8.6	−1.3 MV	26 S	"	"
"	"	"	10.6	−1.7 M	26 S	"	"
"	"	"	10.7	−1.8 MV	26 S	"	"
"	"	"	11.0	−1.6 M	10 M	760913	
"	"	"	11.2	−2.2 MV	17 S	800213	AFGL
"	"	"	12.2	−2.1 MV	26 S	"	"
"	"	"	12.5	−2.2 MV	17 S	"	"
"	"	"	18	−2.1 MV	26 S	"	"
"	"	"	19.8	−3.2 M	10 M	760913	
86.067–2.061	21 03 33	+43 50 24	11	93 J	11 M	820109	
"	"	"	20	153 J	11 M	"	
IRC+50357	21 03 34	+51 36 42	5.0	−14.6 R	–	740401	IRC
"	"	"	8.4	−1.6 CV	–	760610	"
"	"	"	8.6	−1.2 M	–	740705	"
"	"	"	10.2	−15.2 R	–	740401	"
"	"	"	10.7	−1.6 M	–	740705	"
"	"	"	11.2	−2.1 CV	–	760610	"
"	"	"	12.2	−1.8 M	–	740705	"
"	"	"	12.5	−2.1 CV	–	760610	"
AFGL 2708	21 04 23	−16 37 12	11.0	−2.3 M	10 M	760913	
"	"	"	19.8	−2.9 M	10 M	"	
DT CYG	21 04 24.2	+30 58 58	11.3	4.3 M	–	721203	CSI 79
RS CAP	21 04 27.9	−16 37 25	20	−2.7 M	14 S	760901	CSI 79
NGC 7026	21 04 38	+47 39	9.0	1400 G	6 S	811008	RNGC
"	"	"	9.0	2.2 J	11 S	790409	"
"	"	"	10	3.6 M	11 S	741009	"
"	"	"	10.5	19200 G	6 S	811008	"
"	"	"	10.5	18.8 J	11 S	790409	"
"	"	"	10.5	30 J	22 S	720301	"
"	"	"	10.5	9 X	–	"	"
"	"	"	11	1.75 M	11 S	741009	"
"	"	"	11	6.9 J	22 S	720301	"
"	"	"	11	5.0 J	–	"	"
"	"	"	12.8	100 U	6 S	811008	"
"	"	"	18	0.65 M	11 S	741009	"
AFGL 5574S	21 05 08	+ 7 10 06	11.0	−1.3 M	10 M	770706	
"	"	"	19.8	−3.2 M	10 M	"	
AFGL 2713	21 05 08	+42 01 48	8.4	−1.2 M	17 S	800213	AFGL
"	"	"	11.0	−2.1 M	10 M	760913	
"	"	"	11.2	−2.4 M	17 S	800213	AFGL
"	"	"	11.3	−1.9 M	8.5 S	"	"
"	"	"	12.5	−2.8 M	17 S	"	"
"	"	"	12.8	−2.4 M	8.5 S	"	"
"	"	"	18	−4.3 M	8.5 S	"	"
"	"	"	19.8	−4.6 M	10 M	760913	
NGC 7027	21 05 09	+42 02 03	400	12000 XU	8.4 M	710404	
"	"	"	1230	30.6 JU	–	760601	
NGC 7027 W	21 05 09.0	+42 02 03	8	S	3.6 S	801106	
"	"	"	9	0.07 F	3.6 S	"	
"	"	"	12	0.06 F	3.6 S	"	
NGC 7027 2S2W	21 05 09.2	+42 02 01	9.0	960 G	6 S	811008	ED
NGC 7027 3S2W	"	"	10.5	18900 G	6 S	"	"
NGC 7027 S	21 05 09.3	+42 01 59	8	S	3.6 S	801106	
"	"	"	9	0.34 F	3.6 S	"	
"	"	"	12	0.52 F	3.6 S	"	
NGC 7027 CEN	21 05 09.3	+42 02 03	8	S	3.6 S	"	
"	"	"	9	0.63 F	3.6 S	"	
"	"	"	12	0.82 F	3.6 S	"	
NGC 7027	21 05 09.4	+42 02 03	5.0	4.72 M	–	700302	749905
"	"	"	7.5	S	17 S	771105	"
"	"	"	8	S	9 S	791104	"
"	"	"	8	S	20 S	"	"
"	"	"	8	S	22 S	730706	"
"	"	"	8.4	4.8 F	–	720301	"
"	"	"	8.6	−0.5 M	11 S	740605	"
"	"	"	8.9	5 XU	6 S	710207	"
"	"	"	8.99	4.7 X	9 S	791104	"
"	"	"	8.99	12.8 X	20 S	"	"
"	"	"	9	S	6 S	700903	"
"	"	"	9.0	3660 G	6 S	811008	"
"	"	"	9.0	5 XU	6 S	700903	"
"	"	"	9.0	3 X	10 S	730603	"
"	"	"	10	S	9 S	730014	"
"	"	"	10.2	−0.20 M	–	700302	"
"	"	"	10.3	−1.1 M	11 S	740605	"
"	"	"	10.5	19300 G	6 S	811008	"
"	"	"	10.5	10 X	6 S	710207	"
"	"	"	10.5	10 X	6 S	700903	"
"	"	"	10.5	35.8 X	9 S	791104	"
"	"	"	10.5	25800 G	10 S	800409	"
"	"	"	10.5	48.8 X	20 S	791104	"
"	"	"	10.5	310 J	22 S	720301	"
"	"	"	10.5	35 X	–	"	"
"	"	"	10.50	S	6 S	710207	"
"	"	"	10.87	S	6 S	750202	"
"	"	"	10.9	S	20 S	790611	"
"	"	"	11	220 J	11 S	720301	"
"	"	"	11	326 J	22 S	"	"
"	"	"	11	320 J	–	"	"
"	"	"	11.0	5.0 F	–	"	"
"	"	"	11.3	−1.5 M	11 S	740605	"
"	"	"	11.5	4 XU	6 S	710207	"
"	"	"	11.5	310 J	26 S	690705	"
"	"	"	11.7	48 J	4 S	730205	"
"	"	"	12.4	−1.8 M	11 S	740605	"
"	"	"	12.8	5 XU	6 S	710207	"
"	"	"	12.8	3570 G	6 S	811008	"
"	"	"	12.8	9.0 X	9 S	791104	"
"	"	"	12.8	−2.3 M	11 S	740605	"
"	"	"	12.8	19.7 X	20 S	791104	"
"	"	"	16	S	30 S	800805	"
"	"	"	16	S	32 S	780808	"
"	"	"	18	−3.8 M	11 S	740605	"
"	"	"	18	5.4 F	–	720301	"
"	"	"	18.7	7.7 X	4.7 S	770411	"
"	"	"	20	4.72 F	13 S	761011	"
"	"	"	22	−4.2 M	11 S	740605	"
"	"	"	22.0	−3.08 M	–	700302	"
"	"	"	24.3	30 X	30 S	800805	"

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
"	h m s	° ′ ″	25	4.23 F	13 s	761011	"
"	"	"	25.9	58 X	30 s	800805	"
"	"	"	27	−4.3 M	11 s	740605	"
"	"	"	33	3.04 F	13 s	761011	"
"	"	"	36	1509 J	v	770105	"
"	"	"	37	1552 JV	27 s	800604	"
"	"	"	51.8	100 XU	50 s	810104	"
"	"	"	51.8	15 XU	1 M	811107	"
"	"	"	52	949 JV	55 s	800604	"
"	"	"	53	770 J	v	770105	"
"	"	"	61	573 J	v	"	"
"	"	"	62.9	S	50 s	810104	"
"	"	"	63.2	100 X	50 s	"	"
"	"	"	70	547 JV	27 s	800604	"
"	"	"	88.35	10 XU	50 s	810104	"
"	"	"	88.4	20 XU	75 s	791008	"
"	"	"	88.4	8.9 XU	1 M	811107	749905
"	"	"	108	206 JV	55 s	800604	"
"	"	"	124.2	4.1 XU	60 s	810705	"
"	"	"	131	76 JU	v	770105	749905
"	"	"	153	100 XU	1 M	820603	"
"	"	"	1000	7.0 J	55 s	821106	"
"	21 05 09.5	+42 02 03	8.7	143 J	3.5 s	821211	ED
"	"	"	10.0	233 J	3.5 s	"	"
"	"	"	11.4	290 J	3.5 s	"	"
"	"	"	19.5	885 J	3.5 s	"	"
"	"	"	23	1277 J	3.5 s	"	"
NGC 7027 3S2E	21 05 09.6	+42 02 00	9.0	3670 G	6 s	811008	ED
NGC 7027 5S2E	"	"	10.5	4850 G	6 s	"	"
NGC 7027 3S2E	"	"	12.8	3240 G	6 s	"	"
NGC 7027 E	21 05 09.6	+42 02 03	8	S	3.6 s	801106	
"	"	"	9	0.65 F	3.6 s	"	
"	"	"	12	0.65 F	3.6 s	"	
NGC 7027 4"E	21 05 09.8	+42 02 03	9.0	2890 G	6 s	811008	ED
"	"	"	10.5	7950 G	6 s	"	"
IRC+50360	21 05 45	+53 12 00	10.7	0.7 MU	-	740705	IRC
AFGL 2716	21 05 52	+ 6 48 36	11.0	−1.6 M	10 M	760913	
2106-413	21 06	−41 18	1000	1.1 JU	-	800818	ED
AFGL 5575S	21 06 02	+ 4 44 42	11.0	−1.7 M	10 M	770706	
"	"	"	19.8	−3.3 M	10 M	"	
AFGL 5576S	21 06 03	+32 01 12	11.0	−0.9 M	10 M	"	
AFGL 2718S	21 07 32	+37 42 48	19.8	−2.7 M	10 M	"	
GAM EQU	21 07 54.5	+ 9 55 44	8.7	3.94 M	11 s	740807	CSI 79
"	"	"	10	3.96 M	11 s	"	"
"	"	"	11.4	3.94 M	11 s	"	"
IRC+40472	21 08 24	+39 28 24	10.7	0.8 MU	-	740705	IRC
AFGL 4271	21 08 26	−18 42 12	19.8	−3.7 M	10 M	760913	
NGC 7029	21 08 26	−49 29 18	1925	9.64 C	66 s	790103	759905
IRC+50361	21 08 28	+48 30 54	10.7	0.5 MU	-	740705	IRC
AFGL 2719	21 08 39	+47 27 36	11.0	−0.7 M	10 M	760913	
IRC+50362	21 08 39	+52 38 36	8.6	0.8 M	-	740705	IRC
"	"	"	10.7	−0.5 M	-	"	"
AFGL 2720	21 08 52	+52 38 24	8.6	0.8 M	26 s	800213	AFGL
"	"	"	10.7	−0.5 M	26 s	"	"
"	"	"	11.0	−0.9 M	10 M	760913	
"	"	"	19.8	−2.9 M	10 M	"	
T CEP	21 08 52.7	+68 17 13	8.4	−2.72 C	-	710203	779907
"	"	"	11.0	−3.15 C	-	"	"
"	"	"	20	−3.60 M	9 s	731104	"
FJM 6	21 08 57	+47 17	100	50000 X	4.5 M	720902	
"	21 08 57	+47 17 00	500	2.3E6 GU	10 M	791003	751202
AFGL 5580S	21 09 03	+67 05 00	11.0	−1.5 M	10 M	770706	
"	"	"	19.8	−2.7 M	10 M	"	
AFGL 2721	21 09 05	+68 17 30	8.4	−2.7 M	11 s	800213	AFGL
"	"	"	11.0	−3.1 M	10 M	760913	
"	"	"	11.2	−3.2 M	11 s	800213	AFGL
"	"	"	19.8	−3.9 M	10 M	760913	
NOVA CYG 1975	21 09 53	+47 56 42	5.0	2.24 MV	-	760210	GCVS
"	"	"	8.5	0.7 MV	27 s	760204	"
"	"	"	8.7	50 JV	-	770606	"
"	"	"	8.8	0.0 MU	-	760003	"
"	"	"	9.5	40 JV	-	770606	"
"	"	"	10	1.7 MV	20 s	770509	"
"	"	"	10.0	20 JV	-	770606	"
"	"	"	10.2	0.07 MV	-	790705	"
"	"	"	10.2	1.81 MV	-	760210	"
"	"	"	10.6	0.4 MV	27 s	760204	"
"	"	"	10.6	0.0 MU	-	760003	"
"	"	"	11.2	34 JV	-	770606	"
"	"	"	12.5	−0.3 MV	27 s	760204	"
"	"	"	12.5	34 JV	-	770606	"
"	"	"	20	13 JV	-	"	"
AFGL 2722	21 09 53	−14 35 24	11.0	−1.4 M	10 M	760913	
B361 6'W	21 10 00	+47 10 30	235	38 WU	2.2 M	810408	ED
AFGL 5582S	21 10 04	+41 39 18	11.0	−0.9 M	10 M	770706	
FIRSSE 292	21 10 08	+81 29 18	93	39 J	10 M	830201	
B361 4'W	21 10 16	+47 10 30	235	46 W	2.2 M	810408	ED
B361 2'W	21 10 28	+47 10 30	235	71 W	2.2 M	"	ED
B361	21 10 40	+47 10 30	235	92 W	2.2 M	"	
B361 2'E	21 10 52	+47 10 30	235	54 W	2.2 M	"	ED
AFGL 2724S	21 11 11	+70 51 24	11.0	−1.1 M	10 M	770706	
AFGL 5586S	21 11 21	+31 53 48	11.0	−0.8 M	10 M	"	
"	"	"	19.8	−3.1 M	10 M	"	
IRC+50364	21 11 21	+50 25 06	10.7	1.0 MU	-	740705	IRC
IRC+50365	21 11 24	+50 13 30	10.7	0.6 MU	-	"	IRC
AFGL 2725	21 11 27	+59 53 18	11.0	−0.6 M	10 M	760913	
FIRSSE 293	21 11 46	+73 15 18	93	39 J	10 M	830201	
AFGL 5587S	21 11 47	+42 44 24	19.8	−3.9 M	10 M	770706	
AFGL 5590S	21 12 50	+61 40 18	19.8	−3.5 M	10 M	"	
AFGL 2726S	21 13 00	− 1 19 12	11.0	−1.0 M	10 M	"	
AFGL 2727	21 13 01	−15 22 00	19.8	−2.2 M	10 M	760913	
AFGL 5594S	21 13 45	+38 00 18	11.0	−0.5 M	10 M	770706	
93.8+2.8	21 14	+52 48	80	1.0E6 X	0.4 D	820213	ED
"	"	"	150	50000 X	.37 D	"	"
AFGL 5597S	21 14 27	−20 35 06	11.0	−1.6 M	10 M	770706	
AFGL 2732S	21 14 40	+ 8 27 18	11.0	−1.1 M	10 M	"	
AFGL 2733S	21 14 47	+41 45 36	19.8	−3.5 M	10 M	"	
IRC+40477	21 14 57	+40 50 54	10.7	0.7 MU	-	740705	IRC
AFGL 2735	21 15 13	+40 49 24	10.7	0.7 MU	26 s	800213	AFGL
"	"	"	11.0	−1.5 M	10 M	760913	
SIG CYG	21 15 26.9	+39 11 03	10	3.94 M	11 s	770504	CSI 79
AFGL 5599S	21 15 35	+47 53 12	11.0	−0.7 M	10 M	770706	
AFGL 4273	21 16 01	−19 25 00	19.8	−3.1 M	10 M	760913	
AFGL 5600S	21 16 01	−68 49 42	19.8	−3.2 M	10 M	770706	
AFGL 5601S	21 16 09	−13 20 24	19.8	−3.6 M	10 M	"	
AFGL 2740	21 16 34	+76 46 06	19.8	−2.6 M	10 M	760913	
68 CYG	21 16 35.1	+43 44 04	10.7	3.0 MU	-	730303	CSI 79
AFGL 5602S	21 16 41	+40 46 18	11.0	−0.4 M	10 M	770706	

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
AFGL 5603S	21 17 00	+17 02 00	11.0	−0.7 M	10 M	"	
"	"	"	19.8	−3.1 M	10 M	"	
AFGL 2743	21 17 01	+55 03 48	8.6	1.1 M	26 s	800213	AFGL
"	"	"	10.7	0.1 M	26 s	"	"
"	"	"	11.0	−1.1 M	10 M	760913	
AFGL 2747	21 17 36	+50 35 06	10.7	0.7 MU	26 s	800213	AFGL
IRC+50372	21 17 43	+50 35 42	10.7	0.7 MU	-	740705	IRC
IRC+60316	21 19 02	+56 09 54	5.0	−15.4 R	-	740401	IRC
"	"	"	10.2	−16.1 R	-	"	"
"	"	"	10.7	0.5 M	-	740705	"
M1-78	21 19 05	+51 40 41	8	S	5.9 s	820715	709904
"	"	"	8.6	1.5 M	-	741009	"
"	"	"	10	0.35 M	-	"	"
"	"	"	10.8	0.4 M	-	"	"
"	"	"	11.3	0.1 M	-	"	"
"	"	"	12.8	−0.2 M	-	"	"
"	"	"	18	−2.8 M	-	"	"
"	"	"	22	−3.4 M	-	"	"
AFGL 5606S	21 19 33	+56 09 18	10.7	0.5 M	26 s	800213	770706
AFGL 5607S	21 19 50	+57 11 36	11.0	−0.3 M	10 M	770706	
AFGL 5611S	21 20 20	−19 53 12	19.8	−2.9 M	10 M	"	
"	"	"	27.4	−6.4 M	10 M	"	
V MIC	21 20 35.5	−40 55 18	10.2	−1.48 MV	-	720501	CSI 79
"	"	"	20	−3.7 M	-	"	"
AFGL 2756	21 20 45	+23 14 54	11.0	−0.7 M	10 M	760913	
FIRSSE 294	21 20 49	+77 40 42	20	39 J	10 M	830201	
"	"	"	40	2075 J	10 M	"	
AFGL 2757	21 20 54	+77 38 30	11.0	−0.8 M	10 M	760913	
"	"	"	19.8	−4.0 M	10 M	"	
IRC+20508	21 21 09	+23 02 06	10.7	0.1 MU	-	740705	IRC
94.2+1.6	21 22	+52 14	150	60000 X	.37 D	820213	ED
L1014	21 22 22	+49 46 10	235	37 W	1.7 M	810408	
IRC+50377	21 23 01	+48 48 30	10.7	0.2 M	-	740705	IRC
AFGL 2763S	21 23 40	−31 18 06	19.8	−3.7 M	10 M	770706	
AFGL 5613S	21 23 53	−24 10 12	19.8	−3.6 M	10 M	"	
AFGL 2765	21 24 13	+62 22 06	11.0	−1.4 M	10 M	760913	
AFGL 5614S	21 25 05	+13 54 54	11.0	−0.7 M	10 M	770706	
IRC+40483	21 25 23	+36 29 00	8.4	−0.9 CV	-	760610	IRC
"	"	"	8.6	−1.7 M	-	740705	"
"	"	"	10	−2.2 M	-	"	"
"	"	"	10.1	−1.96 C	-	720001	"
"	"	"	10.7	−2.4 M	-	740705	"
"	"	"	11.2	−1.9 CV	-	760610	"
"	"	"	12.5	−1.9 CV	-	"	"
AFGL 5615S	21 25 26	+36 27 54	8.4	−0.9 MV	17 s	800213	770706
"	"	"	8.6	−1.0 MV	8.5 s	"	"
"	"	"	8.6	−1.1 MV	26 s	"	"
"	"	"	10.6	−2.2 M	26 s	"	"
"	"	"	10.7	−1.3 M	8.5 s	"	"
"	"	"	10.7	−2.0 MV	26 s	"	"
"	"	"	11.2	−1.9 MV	17 s	"	"
"	"	"	11.3	−2.3 M	8.5 s	"	"
"	"	"	12.2	−1.4 M	8.5 s	"	"
"	"	"	12.2	−1.9 MV	26 s	"	"
"	"	"	12.5	−1.9 MV	17 s	"	"
"	"	"	18	−3.1 MV	8.5 s	"	"
"	"	"	18	−2.8 MU	26 s	"	"
"	"	"	19.8	−3.7 M	10 M	770706	
AFGL 4274	21 25 34	+10 15 48	19.8	−3.6 M	10 M	760913	
"	"	"	27.4	−6.7 M	10 M	"	
AFGL 5617S	21 26 04	+24 27 06	19.8	−2.6 M	10 M	770706	
FIRSSE 295	21 26 35	+73 23 36	93	108 J	10 M	830201	
AFGL 2769	21 26 39	+21 57 42	11.0	−0.2 M	10 M	760913	
AFGL 2768	21 26 40	+70 00 00	11.0	−1.3 M	10 M	"	
AFGL 2770S	21 26 54	+51 02 30	19.8	−3.8 M	10 M	770706	
IRC+70171	21 26 59	+71 36 06	5.0	−15.1 RV	-	740401	IRC
"	"	"	8.6	−0.5 M	-	740705	"
"	"	"	10.2	−15.7 RV	-	740401	"
"	"	"	10.7	−1.4 M	-	740705	"
AFGL 2771	21 27 03	+71 35 36	8.6	−0.3 MV	26 s	800213	AFGL
"	"	"	10.7	−1.2 MV	26 s	"	"
"	"	"	11.0	−1.3 M	10 M	760913	
"	"	"	12.2	−0.8 MV	26 s	800213	AFGL
"	"	"	18	−2.1 MU	26 s	"	"
"	"	"	19.8	−2.9 M	10 M	760913	
M15	21 27 35	+11 57	10.2	1.6 M	10 s	730011	RNGC
AFGL 5618S	21 27 38	+55 11 36	11.0	−1.1 M	10 M	770706	
AFGL 5619S	21 28 04	+47 07 24	11.0	−1.1 M	10 M	"	
AFGL 2775	21 28 38	+10 55 48	11.0	−2.3 M	10 M	760913	
"	"	"	19.8	−3.3 M	10 M	"	
UU PEG	21 28 39	+10 56 02	20	−3.47 M	-	741002	GCVS
AFGL 5621S	21 28 46	+12 56 42	11.0	−0.7 M	10 M	770706	
BET AQR	21 28 55.6	− 5 47 30	5.0	0.52 M	-	700302	CSI 79
"	"	"	10.2	0.34 M	-	"	"
"	"	"	22.0	−0.04 M	-	"	"
AFGL 5622S	21 28 59	+50 27 54	11.0	−1.1 M	10 M	770706	
"	"	"	19.8	−3.6 M	10 M	"	
AFGL 5623S	21 29 25	+61 27 48	11.0	−0.3 M	10 M	"	
"	"	"	19.8	−3.2 M	10 M	"	
AFGL 4276	21 29 34	−27 47 36	19.8	−3.6 M	10 M	760913	
AFGL 4277	21 29 43	−57 03 30	19.8	−4.0 M	10 M	"	
AFGL 5624S	21 29 48	+ 0 33 00	11.0	−0.4 M	10 M	770706	
II ZW 136	21 30 01.2	+ 9 55 01	10.6	0.140 J	-	781209	789906
K3-62	21 30 08.8	+52 20 37	10	3.6 MU	11 s	741009	819914
AFGL 2778S	21 30 14	+74 30 24	19.8	−3.8 M	10 M	770706	
AFGL 4278	21 30 16	−56 46 30	19.8	−4.2 M	10 M	760913	
IC 5117	21 30 37	+44 22	8	S	5.9 s	820715	IC
"	"	"	8	S	11 s	790409	"
"	"	"	8.6	2.6 M	-	741009	"
"	"	"	9.0	400 G	6 s	811008	"
"	"	"	10	1.5 M	-	741009	"
"	"	"	10.5	2800 G	6 s	811008	"
"	"	"	10.5	14.3 J	11 s	790409	"
"	"	"	10.8	1.05 M	-	741009	"
"	"	"	11.3	1.0 M	-	"	"
"	"	"	12.8	100 GU	6 s	811008	"
"	"	"	12.8	0.7 M	-	741009	"
"	"	"	18	−1.3 M	-	"	"
"	"	"	22	−0.8 M	-	"	"
M2 #11	21 30 55	− 1 03	11.3	4.3 MU	-	721203	RNGC
HU1-2	21 31 06	+39 25	10	5.3 M	11 s	741009	P−K
AFGL 2779	21 31 15	+54 04 54	11.0	−1.2 M	10 M	760913	
AFGL 5625S	21 31 32	+56 32 18	11.0	−2.0 M	10 M	770706	
"	"	"	19.8	−3.1 M	10 M	"	
AFGL 2781	21 32 03	+38 49 48	8.4	−2.2 MV	17 s	800213	AFGL
"	"	"	8.6	−2.0 MV	26 s	"	"
"	"	"	10.7	−2.6 MV	26 s	"	"
"	"	"	11.0	−2.0 M	10 M	760913	

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
"	h m s	° ′ ″	11.2	−2.8 MV	17 s	800213	AFGL
"	"	"	12.2	−3.0 MV	26 s	"	"
"	"	"	12.5	−2.7 MV	17 s	"	"
IRC+40485	21 32 05	+38 51 00	5.0	−14.4 RV	-	740401	IRC
"	"	"	8	S	-	760610	"
"	"	"	8.4	−2.2 CV	-	"	"
"	"	"	10.2	−15.1 RV	-	740401	"
"	"	"	11.2	−2.8 CV	-	760610	"
"	"	"	12.5	−2.7 CV	-	"	"
CIT 13	21 32 06	+38 51	8.6	−2.0 MV	20 s	741201	661001
"	"	"	8.6	−1.8 M	-	721103	"
"	"	"	8.6	15.9 F	-	761005	"
"	"	"	10.7	−2.6 MV	20 s	741201	"
"	"	"	10.7	10.8 F	-	761005	"
"	"	"	10.8	−2.6 M	-	721103	"
"	"	"	12.2	−3.0 MV	20 s	741201	"
"	"	"	12.2	8.85 F	-	761005	"
"	"	"	12.2	−2.6 M	-	721103	"
AFGL 2782	21 32 14	+ 1 37 12	11.0	−0.7 M	10 M	760913	
AFGL 5626S	21 32 19	−65 08 12	11.0	−1.6 M	10 M	770706	
ABELL 78	21 33 24	+31 28	10	4.3 M	11 s	741009	P−K
"	"	"	18	−0.2 M	11 s	"	"
AFGL 5627S	21 33 29	+60 39 00	11.0	−1.3 M	10 M	770706	
K4-45	21 33 41.0	+53 33 46	10	3.55 M	11 s	741009	819914
"	"	"	18	0.1 M	11 s	"	"
AFGL 5628S	21 33 55	+32 17 06	10.7	−0.4 M	26 s	800213	770706
2134+00	21 34 05.3	+ 0 28 25	1000	3.6 J	55 s	810103	809908
2134+004	"	"	1000	1.5 J	-	800818	"
IRC+30475	21 34 08	+32 17 42	10.7	−0.4 M	-	740705	IRC
PKS 2135-14	21 35 01.2	−14 46 27	10	1.51 Q	V	790509	809908
"	"	"	1000	0.8 JU	55 s	821106	"
AFGL 5629S	21 35 02	−35 20 18	19.8	−3.5 M	10 M	770706	
LKHA 349	21 35 45	+57 03 04	10	4.8 MU	11 s	741108	729902
"	"	"	10	4.8 MU	-	740708	"
S CEP	21 35 52.6	+78 23 58	8.4	20.8 F	-	761005	CSI 79
"	"	"	8.4	−2.63 C	-	710203	"
"	"	"	8.6	−2.7 M	-	721103	"
"	"	"	8.6	17.5 F	-	761005	"
"	"	"	10.8	12.5 F	-	"	"
"	"	"	10.8	−3.3 M	-	721103	"
"	"	"	11	−2.91 M	-	710403	"
"	"	"	11.0	11.3 F	-	761005	"
"	"	"	11.0	−3.11 C	-	710203	"
"	"	"	12.2	−3.1 M	-	721103	"
"	"	"	12.2	6.97 F	-	761005	"
"	"	"	16	S	30 s	810806	"
"	"	"	18.0	−3.1 M	-	721103	"
"	"	"	18.0	2.26 F	-	761005	"
AFGL 4279	21 36 15	−36 29 36	11.0	−2.6 M	10 M	760913	
AFGL 2785	21 36 21	+78 23 36	8.4	−2.6 M	11 s	800213	AFGL
"	"	"	11.0	−2.9 M	10 M	760913	
"	"	"	11.2	−3.1 M	11 s	800213	AFGL
"	"	"	19.8	−3.4 M	10 M	760913	
99.0+3.5	21 37	+56 54	150	1.9E5 X	.37 D	820213	ED
AFGL 4280	21 37 24	−36 16 36	19.8	−3.8 M	10 M	760913	
AFGL 2787	21 37 40	− 1 59 12	11.0	−2.1 M	10 M	"	
AFGL 4281	21 37 41	−54 46 18	11.0	−2.7 M	10 M	"	
AFGL 4282	21 37 57	−34 47 00	19.8	−3.1 M	10 M	"	
AFGL 5634S	21 38 05	− 7 38 30	19.8	−3.3 M	10 M	770706	
CRL 2789	21 38 10.4	+50 00 35	5.0	17 J	-	760605	
"	"	"	8.4	50 J	-	"	
"	"	"	8.8	50 J	-	"	
"	"	"	10.4	60 J	-	"	
"	"	"	10.6	62 J	-	"	
"	"	"	11.6	90 J	-	"	
"	"	"	12.6	70 J	-	"	
V645 CYG	21 38 12	+50 00 46	40	360 J	-	820410	GCVS
"	"	"	50	290 J	-	"	"
"	"	"	100	400 J	-	"	"
AFGL 2789	21 38 12	+50 00 48	8	S	17 s	790401	
"	"	"	8.4	−0.39 M	17 s	"	
"	"	"	11.2	−0.98 M	17 s	"	
"	"	"	12.5	−1.46 M	17 s	"	
V644 CYG	21 38 19	+45 10 34	8.4	0.1 C	-	760610	GCVS
"	"	"	11.2	−0.6 C	-	"	"
"	"	"	12.5	−0.5 C	-	"	"
AFGL 2789	21 38 23	+50 01 12	8.4	−0.4 MV	17 s	800213	AFGL
"	"	"	8.5	−0.4 M	V	800402	"
"	"	"	8.6	−0.5 M	8.5 s	800213	"
"	"	"	8.6	−0.4 MV	26 s	"	"
"	"	"	10.5	−0.7 M	V	800402	"
"	"	"	10.7	−0.7 M	8.5 s	800213	"
"	"	"	10.7	−0.6 MV	26 s	"	"
"	"	"	11.0	−1.4 M	10 M	760913	
"	"	"	11.2	−1.1 M	V	800402	AFGL
"	"	"	11.2	−1.1 MV	17 s	800213	"
"	"	"	12.2	−1.5 M	V	800402	"
"	"	"	12.2	−1.5 M	8.5 s	800213	"
"	"	"	12.2	−1.4 MV	26 s	"	"
"	"	"	12.5	−1.5 M	V	800402	"
"	"	"	12.5	−1.5 MV	17 s	800213	"
"	"	"	18	−3.0 M	V	800402	"
"	"	"	18	−2.7 M	8.5 s	800213	"
"	"	"	18	−2.9 M	26 s	"	"
IRC+60322	21 38 43	+59 22 12	10.7	0.2 MU	-	740705	IRC
AFGL 2790	21 38 57	+54 06 06	11.0	−2.2 M	10 M	760913	
"	"	"	19.8	−3.3 M	10 M	"	
AFGL 4283	21 39 32	−45 50 42	11.0	−2.7 M	10 M	"	
AFGL 2792	21 39 43	+ 5 25 42	19.8	−3.2 M	10 M	"	
V460 CYG	21 39 54.4	+35 16 53	5.0	0.04 M	-	700302	779907
"	"	"	8.4	−0.6 M	-	721103	"
DS PEG	"	"	8.6	4.17 F	-	761005	"
"	"	"	10	1.80 F	V	660501	"
"	"	"	10	3.94 F	5.9 s	640201	"
"	"	"	10	−0.25 C	-	650101	"
V460 CYG	"	"	10.2	−0.12 M	-	700302	"
DS PEG	"	"	10.4	−0.52 C	-	640501	"
"	"	"	10.8	2.46 F	-	761005	"
V460 CYG	"	"	10.8	−1.0 M	-	721103	"
"	"	"	11	−1.04 M	-	710403	"
DS PEG	"	"	11.0	2.30 F	-	761005	"
V460 CYG	"	"	11.0	0.79 C	-	710405	"
DS PEG	"	"	12.2	1.38 F	-	761005	"
V460 CYG	"	"	12.2	−0.8 M	-	721103	"
"	"	"	20	−1.1 M	14 s	760901	"
AFGL 2795	21 40 12	+54 37 00	11.0	−1.1 M	10 M	760913	
NOVA CYG 1978	21 40 38.1	+43 48 11	8.6	3.4 MV	-	781014	780911
"	"	"	8.6	2.8 M	-	780911	
"	"	"	8.7	2.77 M	V	800710	780911
"	"	"	9.5	3.35 M	V	"	"
"	"	"	10	2.89 M	V	"	"
"	"	"	10.0	3.5 MV	-	781014	"
"	"	"	11.4	2.44 M	V	800710	"
"	"	"	11.4	3.3 MV	-	781014	"
"	"	"	12.6	2.12 M	V	800710	"
"	"	"	12.6	2.7 MV	-	781014	"
"	"	"	19.5	1.54 M	V	800710	"
B163	21 40 39	+56 30 00	235	40 WU	1.7 M	810408	
NOVA CYG 1980	21 40 46.2	+31 13 45	8.5	2.2 M	-	801211	801210
"	"	"	10	2.7 M	-	801210	
"	"	"	10.6	1.4 M	-	801211	801210
"	"	"	20	1.6 MU	-	801210	
AFGL 2797S	21 40 50	+61 31 24	19.8	−3.7 M	10 M	770706	
RV CYG	21 41 11.9	+37 47 17	8.4	−0.67 C	-	710203	779907
"	"	"	8.4	−0.9 M	-	721103	"
"	"	"	10.8	−1.1 M	-	"	"
"	"	"	11.0	−1.11 C	-	710203	"
"	"	"	12.2	−1.1 M	-	721103	"
H-H 103	21 41 15.8	+65 49 55	80	−25 J	V	781207	
IRC+60324	21 41 16	+61 31 42	10.7	1.0 MU	-	740705	IRC
AFGL 2798	21 41 20	+37 47 12	8.4	−0.7 M	11 s	800213	AFGL
"	"	"	11.0	−1.3 M	10 M	760913	
"	"	"	11.2	−1.1 M	11 s	800213	AFGL
AFGL 4284	21 41 21	−50 28 30	11.0	−2.7 M	10 M	760913	
M2-49	21 41 29.9	+50 11 29	10	4.6 M	11 s	741009	819914
"	"	"	18	0.85 MU	11 s	"	"
AFGL 2799	21 41 42	+76 09 12	8.6	0.4 M	26 s	800213	AFGL
"	"	"	10.7	0.0 M	26 s	"	"
"	"	"	11.0	−1.1 M	10 M	760913	
"	"	"	12.2	−0.1 M	26 s	800213	AFGL
"	"	"	19.8	−3.3 M	10 M	760913	
BD+65 1637	21 41 42.9	+65 52 36	10	0.07 J	6 s	781207	CSI 79
"	"	"	10	3.8 M	-	720404	"
EPS PEG	21 41 43.7	+ 9 38 40	20	−1.20 M	9 s	731104	CSI 79
AFGL 2800	21 41 45	+ 9 39 18	11.0	−1.6 M	10 M	760913	
BD+65 1638	21 41 50.9	+65 52 07	10	0.04 J	6 s	781207	CSI 79
"	"	"	80	100 J	V	"	"
NGC 7129	21 41 53.2	+65 50 02	110	−8 J	V	"	
"	21 41 57.2	+65 50 02	110	58 J	V	"	
"	"	"	160	78 J	45 s	"	
"	"	"	999	1.5 J	V	"	
"	21 41 57.2	+65 50 32	80	22 J	V	"	
LKHA 234	21 41 57.5	+65 53 03	10	2.2 J	6 s	"	
"	"	"	10	3.7 M	-	720404	
"	"	"	10.4	2.3 J	6 s	781207	
"	"	"	20	2.5 J	6 s	"	
NGC 7129	21 41 57.8	+65 53 04	40	200 J	34 s	"	
"	"	"	53	390 J	V	"	
"	"	"	80	650 J	V	"	
"	"	"	100	520 J	V	"	
"	21 41 58	+65 52 50	175	410 J	V	"	
"	"	"	999	3.2 J	V	"	
MUU CEP	21 41 58.5	+58 33 01	5.0	−2.03 C	-	650002	779907
"	"	"	5.0	−2.20 M	-	700302	"
"	"	"	5.0	−1.95 C	-	640501	"
"	"	"	7	S	-	690304	"
"	"	"	7.5	S	-	690303	"
"	"	"	8	S	-	690101	"
"	"	"	8.4	−2.85 M	-	710403	"
"	"	"	8.4	−2.78 C	-	710405	"
"	"	"	8.4	−2.72 C	-	710203	"
"	"	"	8.5	−2.9 M	-	700907	"
"	"	"	8.6	−3.0 M	-	721103	"
"	"	"	8.6	−3.3 M	-	721203	"
"	"	"	10	20.12 FV	V	660501	"
"	"	"	10	28 F	5 s	680703	"
"	"	"	10	4.51 F	5.9 s	640201	"
"	"	"	10	P	-	720803	"
"	"	"	10	−3.27 C	-	670801	"
"	"	"	10.1	−3.28 M	15 s	681101	"
"	"	"	10.2	−3.61 M	-	700302	"
"	"	"	10.4	−3.28 C	-	650002	"
"	"	"	10.4	−3.31 C	-	640501	"
"	"	"	10.8	−4.3 M	-	721203	"
"	"	"	10.8	−4.4 M	-	721103	"
"	"	"	11	−4.17 M	-	710403	"
"	"	"	11.0	−4.03 C	-	710203	"
"	"	"	11.0	−4.16 C	-	710405	"
"	"	"	11.3	−4.1 M	-	721203	"
"	"	"	11.4	−4.2 M	-	700907	"
"	"	"	12.2	−3.9 M	-	721103	"
"	"	"	12.8	−4.1 M	-	721203	"
"	"	"	16	S	30 s	791015	"
"	"	"	18	−4.7 M	-	721203	"
"	"	"	20	−4.76 M	9 s	731104	"
"	"	"	20	−4.82 MV	10 s	721002	"
"	"	"	20	6.1 FV	30 s	791015	"
"	"	"	20	−4.68 M	-	821005	"
"	"	"	20	−4.76 M	-	751002	"
"	"	"	22	−4.6 M	-	721203	"
"	"	"	22.0	−4.52 M	-	700302	"
"	"	"	25	−4.85 M	-	751002	"
"	"	"	25	−5.03 M	-	821005	"
"	"	"	33	−5.50 M	-	"	"
"	"	"	33	−5.62 M	-	751002	"
NGC 7129	21 42 01.2	+65 50 02	110	17 J	V	781207	
AFGL 2802	21 42 11	+58 32 42	8.4	−2.7 M	11 s	800213	AFGL
"	"	"	8.4	−2.9 M	17 s	"	"
"	"	"	8.6	−3.1 MV	26 s	"	"
"	"	"	10.7	−4.3 MV	26 s	"	"
"	"	"	11.0	−4.0 M	10 M	760913	
"	"	"	11.2	−4.0 M	11 s	800213	AFGL
"	"	"	11.2	−4.1 M	17 s	"	"
"	"	"	12.2	−3.8 MV	26 s	"	"
"	"	"	12.5	−4.0 M	17 s	"	"
"	"	"	18	−4.1 MV	26 s	"	"
"	"	"	19.8	−4.7 M	10 M	760913	
AFGL 2804	21 42 49	+12 27 48	8.6	0.5 M	26 s	800213	AFGL
"	"	"	10.7	0.0 M	26 s	"	"
"	"	"	11.0	−2.4 M	10 M	760913	
"	"	"	12.2	−0.4 M	26 s	800213	AFGL
WU 2143+01.0	21 43	+ 1 00	280	6.0E7 X	1 D	741104	ED
AFGL 5638S	21 43 28	+67 21 48	19.8	−3.4 M	10 M	770706	
AFGL 2805	21 43 47	+73 24 18	8.6	−1.6 M	26 s	800213	AFGL
"	"	"	10.7	−1.9 M	26 s	"	"
"	"	"	11.0	−1.8 M	10 M	760913	

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
"	h m s	° ′ ″	12.2	−2.0 M	26 s	800213	AFGL
HD 207076	21 43 56.4	− 2 26 40	20	−4.25 M	–	741002	CSI 79
"	"	"	20	−4.16 M	–	821005	"
"	"	"	25	−4.16 M	–	"	"
"	"	"	33	−4.44 M	–	"	"
HD 207260	21 44 00.2	+60 53 22	8.7	2.55 M	–	780704	CSI 79
NUU CEP	"	"	10	2.91 M	11 s	770504	"
AFGL 2806	21 44 01	− 2 26 06	11.0	−3.1 M	10 M	760913	
"	"	"	19.8	−4.2 M	10 M	"	
IC 5146 #12	21 45 26.9	+47 18 08	8.7	3.5 M	1 M	780804	
"	"	"	9.5	3.3 M	1 M	"	
"	"	"	10	3.05 M	1 M	"	
"	"	"	11.2	2.8 M	1 M	"	
"	"	"	12.5	2.5 M	1 M	"	
"	"	"	20	0.4 M	1 M	"	
PKS 2145+06	21 45 36.1	+ 6 43 41	10	1.44 QU	V	790509	809908
AFGL 2808	21 45 40	+64 21 54	8.6	−1.2 M	26 s	800213	AFGL
"	"	"	10.7	−2.0 M	26 s	"	"
"	"	"	11.0	−1.9 M	10 M	760913	
"	"	"	12.2	−2.0 M	26 s	800213	AFGL
"	"	"	19.8	−3.4 M	10 M	760913	
AFGL 2809S	21 46 15	+60 27 30	11.0	−1.4 M	10 M	770706	
"	"	"	19.8	−3.4 M	10 M	"	
IRC+40497	21 46 47	+39 42 54	8.6	1.2 MU	–	740705	IRC
"	"	"	10.7	0.0 M	–	"	"
IC 5146 #4	21 48 21.0	+47 33 58	8.7	3.3 M	1 M	780804	
"	"	"	9.5	3.5 M	1 M	"	
"	"	"	10	3.4 M	1 M	"	
"	"	"	11.2	3.6 M	1 M	"	
"	"	"	12.5	2.7 M	1 M	"	
AG PEG	21 48 36.1	+12 23 26	5.0	3.39 M	–	700302	CSI 79
"	"	"	10	2.80 MU	–	730013	"
"	"	"	11.5	15 J	26 s	690705	"
AFGL 5644S	21 49 42	+74 35 54	11.0	−0.6 M	10 M	770706	
"	"	"	19.8	−2.7 M	10 M	"	
AFGL 5645S	21 49 44	−46 34 00	19.8	−3.3 M	10 M	"	
AFGL 2812	21 50 01	+21 01 42	11.0	−1.0 M	10 M	760913	
IC 5146 #14	21 50 15.1	+47 35 05	10	4.9 MU	1 M	780804	
IC 5146 #5	21 50 33.5	+47 09 05	8.7	2.7 M	1 M	"	
"	"	"	9.5	2.9 M	1 M	"	
"	"	"	10	2.77 M	1 M	"	
"	"	"	11.2	2.5 M	1 M	"	
"	"	"	12.5	2.4 M	1 M	"	
IC 5146 #15	21 50 38.5	+46 59 34	10	3.5 M	1 M	"	
"	"	"	20	1.4 MU	1 M	"	
IC 5146 W6	21 50 39.6	+46 59 20	8.4	3.35 MU	11 s	730004	CSI 79
"	"	"	11.0	3.1 MU	11 s	"	"
"	"	"	18	−1.5 MU	11 s	"	"
AFGL 5646S	21 50 42	+62 34 48	11.0	−0.7 M	10 M	770706	
IC 5146 SW	21 51 15	+47 00	150	800 J	4.5 M	811009	ED
IC 5146 W8	21 51 30	+47 02	11.0	2.8 MU	11 s	730004	IC
IC 5146 W53	–	–	11.0	2.7 MU	11 s	"	"
IC 5146 W74	–	–	11.0	3.35 MU	11 s	"	"
IC 5146 W42	21 51 32.9	+47 01 49	11.0	3.1 MU	11 s	"	CSI 79
IC 5146 N	21 51 40	+47 03	150	800 J	4.5 M	811009	ED
MWC 645	21 51 41	+52 46	5.0	4.46 M	–	700302	MWC
"	"	"	10.2	1.29 M	–	"	"
IC 5146 SE	21 51 50	+46 58	150	800 J	4.5 M	811009	ED
LKHA 257	21 52 23	+46 57 27	11.0	3.15 MU	11 s	730004	729902
AFGL 2814S	21 52 30	+79 19 00	19.8	−2.8 M	10 M	770706	
AFGL 2815	21 52 57	+51 14 24	11.0	−0.8 M	10 M	760913	
"	"	"	19.8	−3.7 M	10 M	"	
13 CEP	21 53 12.0	+56 22 25	10	3.65 M	11 s	770504	CSI 79
AFGL 5647S	21 53 43	− 9 51 54	11.0	−0.7 M	10 M	770706	
AFGL 2818	21 53 58	+22 37 42	11.0	−1.1 M	10 M	760913	
AFGL 2819	21 54 26	−14 20 36	11.0	−1.5 M	10 M	"	
AFGL 5649S	21 54 39	−66 45 30	19.8	−3.0 M	10 M	770706	
VV CEP	21 55 14.5	+63 23 14	5.0	−0.11 M	–	700302	779907
"	"	"	8.-	−0.40 C	–	710203	"
"	"	"	10.2	−0.47 M	–	700302	"
"	"	"	11	−0.69 M	–	710403	"
"	"	"	11.0	−0.72 C	–	710203	"
AFGL 2821	21 55 15	+63 23 24	8.4	−0.4 M	11 s	800213	AFGL
"	"	"	8.6	−0.7 MV	26 s	"	"
"	"	"	10.7	−0.7 MV	26 s	"	"
"	"	"	11.0	−0.8 M	10 M	760913	
"	"	"	11.2	−0.7 M	11 s	800213	AFGL
"	"	"	12.2	−0.6 MV	26 s	"	"
"	"	"	19.8	−4.3 M	10 M	760913	
AFGL 2822	21 55 26	+80 04 06	11.0	−1.1 M	10 M	"	
AFGL 2825	21 56 10	+56 29 42	8.6	−0.4 MV	26 s	800213	AFGL
"	"	"	10.6	−0.4 M	26 s	"	"
"	"	"	10.7	−1.4 MV	26 s	"	"
"	"	"	11.0	−1.7 M	10 M	760913	
"	"	"	12.2	−1.3 MV	26 s	800213	AFGL
"	"	"	18	−2.1 M	26 s	"	"
IRC+60334	21 56 20	+56 30 54	8.6	−0.1 M	–	740705	IRC
"	"	"	10	−0.4 M	–	"	"
"	"	"	10.2	−15.6 R	–	740401	"
"	"	"	10.7	−1.4 M	–	740705	"
AFGL 5653S	21 56 32	−25 30 00	19.8	−3.2 M	10 M	770706	
"	"	"	27.4	−7.0 M	10 M	"	
IC 5146 #7	21 56 59.2	+47 33 08	10	4.2 M	1 M	780804	
AFGL 5654S	21 57 23	−42 06 06	11.0	−0.3 M	10 M	770706	
"	"	"	19.8	−3.5 M	10 M	"	
AFGL 2828	21 57 30	+23 42 00	11.0	−1.2 M	10 M	760913	
IC 5146 #9	21 58 02.8	+47 29 33	10	4.6 M	1 M	780804	
AFGL 2829S	21 58 36	+76 25 30	19.8	−2.9 M	10 M	770706	
AFGL 5658S	21 58 38	+ 5 52 54	11.0	−0.3 M	10 M	"	
AFGL 5657S	21 58 38	+ 8 00 36	11.0	−0.8 M	10 M	"	
AFGL 2832	21 59 56	+48 29 18	11.0	−1.2 M	10 M	760913	
BL LAC	22 00 39.4	+42 02 09	10	0.69 JV	–	720903	809908
"	"	"	10.5	0.22 J	–	740904	"
"	"	"	11.0	0.5 J	–	710503	"
"	"	"	650	10 JU	75 s	770901	"
"	"	"	1000	1.9 J	55 s	810103	"
"	"	"	1000	5.9 JV	55 s	821105	"
"	"	"	1000	5.1 J	55 s	821106	"
"	"	"	1000	6.4 JV	55 s	780210	"
"	"	"	1670	5.9 JU	1 M	761201	"
OMI AQR	22 00 43.6	− 2 23 49	8.7	4.25 M	11 s	740807	CSI 79
"	"	"	10	3.53 M	11 s	"	"
4C 31.63	22 01 01.1	+31 31 10	10	1.76 Q	V	790509	809908
"	"	"	1000	1.7 J	55 s	821106	"
AFGL 5660S	22 01 39	−30 06 54	11.0	−1.1 M	10 M	770706	
AFGL 2837	22 01 43	+28 07 06	11.0	−2.0 M	10 M	760913	
TW PEG	22 01 43.2	+28 06 19	11	−2.26 M	–	710403	CSI 79
"	"	"	20	−3.05 M	9 s	731104	"
"	"	"	20	−3.29 M	–	821005	"
"	"	"	25	−3.37 M	–	"	"
ALF AQR	22 03 12.9	− 0 33 47	8.6	0.9 M	–	721203	CSI 79
"	"	"	11.3	0.9 M	–	"	"
AFGL 5664S	22 03 13	−39 44 18	11.0	−0.9 M	10 M	770706	
"	"	"	19.8	−0.9 M	10 M	"	
AFGL 2844	22 03 17	+ 0 34 12	11.0	−1.1 M	10 M	760913	
AFGL 2845	22 03 24	+35 06 00	11.0	−2.6 M	10 M	"	
"	"	"	19.8	−2.6 M	10 M	"	
AFGL 2846S	22 03 34	+10 18 48	11.0	−0.7 M	10 M	770706	
AFGL 5669S	22 04 39	−40 39 12	11.0	−0.7 M	10 M	"	
"	"	"	19.8	−1.6 M	10 M	"	
"	"	"	27.4	−6.9 M	10 M	"	
AFGL 2851	22 04 48	+11 38 12	8.6	−0.6 M	26 s	800213	AFGL
"	"	"	10.7	−1.5 M	26 s	"	"
"	"	"	11.0	−1.3 M	10 M	760913	
"	"	"	12.2	−1.6 M	26 s	800213	AFGL
AFGL 4286	22 05 08	+59 14 30	8.6	1.0 M	26 s	"	AFGL
"	"	"	10.7	−0.7 M	26 s	"	"
"	"	"	11.0	−0.7 M	10 M	760913	
"	"	"	12.2	−0.3 M	26 s	800213	AFGL
25 PEG	22 05 29.2	+21 27 30	10	5.18 M	11 s	740807	CSI 79
AFGL 5671S	22 05 30	+47 28 42	8.6	0.4 MU	26 s	800213	770706
"	"	"	10.7	0.1 M	26 s	"	"
AFGL 5672S	22 05 31	−34 49 18	19.8	−3.1 M	10 M	770706	
IRC+50419	22 05 37	+47 29 42	8.6	0.4 MU	–	740705	IRC
"	"	"	10.7	0.1 M	–	"	"
AFGL 4287	22 05 41	−50 10 12	19.8	−3.1 M	10 M	760913	
NGC 7213	22 06 09	−47 24 42	8.3	6.83 M	3.5 s	820311	759905
"	"	"	10.3	5.38 M	3.5 s	"	"
"	"	"	12.0	5.05 M	3.5 s	"	"
AFGL 2857	22 06 38	+59 18 06	8.6	1.3 M	26 s	800213	AFGL
"	"	"	10.7	0.8 M	26 s	"	"
"	"	"	11.0	−1.5 M	10 M	760913	
"	"	"	12.2	0.5 M	26 s	800213	AFGL
"	"	"	18	−0.4 M	26 s	"	"
AFGL 2864	22 09 02	+57 57 36	11.0	−0.5 M	10 M	760913	
21 CEP	22 09 06.9	+57 57 14	8.6	0.0 M	–	721203	CSI 79
"	"	"	11.3	−0.1 M	–	"	"
AFGL 2865	22 09 34	+56 46 54	8.6	−0.4 M	26 s	800213	AFGL
"	"	"	10.7	−1.0 M	26 s	"	"
"	"	"	11.0	−1.7 M	10 M	760913	
"	"	"	12.2	−1.5 M	26 s	800213	AFGL
"	"	"	19.8	−3.3 M	10 M	760913	
AFGL 2866	22 09 44	+14 17 06	11.0	−1.5 M	10 M	"	
"	"	"	19.8	−3.1 M	10 M	"	
LAM CEP	22 09 48.5	+59 10 02	10	4.44 MU	11 s	770504	CSI 79
"	"	"	10.9	4.30 M	V	820417	"
"	"	"	11.5	5 J	26 s	690705	"
AFGL 2872	22 12 20	+57 45 00	19.8	−3.0 M	10 M	760913	
AFGL 4288	22 13 44	−80 41 06	11.0	−2.0 M	10 M	"	
AFGL 2874S	22 13 45	+ 3 06 00	19.8	−3.9 M	10 M	770706	
MARK 304	22 14 45.2	+13 59 27	10.6	0.073 J	–	781209	739901
IRC+50424	22 14 57	+49 50 42	10.7	0.4 MU	–	740705	IRC
AFGL 2878S	22 14 57	+66 45 42	11.0	−0.5 M	10 M	770706	
AFGL 5680S	22 15 09	−10 17 12	19.8	−4.1 M	10 M	"	
AFGL 5681S	22 15 37	+61 17 18	19.8	−3.3 M	10 M	"	
AFGL 2879	22 15 39	+ 2 27 36	19.8	−2.4 M	10 M	760913	
2216-03	22 16 16.0	− 3 50 36	1000	2.1 JU	–	800818	809908
CRL 2881	22 16 32.0	+43 31 45	8.7	−0.54 M	11 s	760606	
"	"	"	10	−0.55 M	11 s	"	
"	"	"	11.4	−0.80 M	11 s	"	
"	"	"	12.5	−0.80 M	11 s	"	
"	"	"	19.5	−0.97 M	11 s	"	
"	"	"	23	−1.33 M	11 s	"	
AFGL 2881	22 16 36	+43 31 00	11.0	−0.9 M	10 M	760913	
AFGL 2881.1	–	–	8.6	−0.1 M	26 s	800213	ED
"	–	–	10.7	−0.4 M	26 s	"	"
"	–	–	12.2	−0.6 M	26 s	"	"
HD 211853	22 16 54.5	+55 52 30	10.0	4.86 MU	11 s	740907	779907
AFGL 2884	22 17 29	+63 03 18	8.6	−0.7 MV	26 s	800213	AFGL
"	"	"	10.7	−1.1 MV	26 s	"	"
"	"	"	11.0	−2.1 M	10 M	760913	
"	"	"	12.2	−2.7 MV	26 s	800213	AFGL
"	"	"	18	−4.4 MV	26 s	"	"
"	"	"	19.8	−5.0 M	10 M	760913	
S 140	22 17 40.6	+63 03 41	12.8	0.3 WU	7 s	790113	
AFGL 2885	22 17 41	+59 35 24	8.4	−1.4 MV	17 s	800213	AFGL
CRL 2885	"	"	8.4	−0.9 C	18 s	761210	"
AFGL 2885	"	"	8.6	−1.9 MV	26 s	800213	"
"	"	"	10.7	−1.5 MV	26 s	"	"
"	"	"	11.0	−2.3 M	10 M	760913	
"	"	"	11.2	−1.6 MV	17 s	800213	AFGL
CRL 2885	"	"	11.2	−0.8 C	18 s	761210	"
AFGL 2885	"	"	12.2	−2.9 MV	26 s	800213	"
"	"	"	12.5	−2.3 MV	17 s	"	"
CRL 2885	"	"	12.5	−1.7 C	18 s	761210	"
AFGL 2885	"	"	18	−4.2 MV	26 s	800213	"
"	"	"	19.8	−4.1 M	10 M	760913	
S 140 IRS2	22 17 41.1	+63 04 02	10	19 J	3.5 s	820102	
"	"	"	20	77 J	3.5 s	"	
S 140 IRS1	22 17 41.2	+63 03 44	10	150 J	3.5 s	"	
"	"	"	20	740 J	3.5 s	"	
S 140	22 17 41.3	+63 03 49	80	64000 X	–	770410	790510
"	"	"	150	32000 X	–	"	"
"	22 17 41.6	+63 03 46	35	5700 J	V	780202	
"	"	"	53	8200 J	V	"	
"	"	"	80	9900 J	V	"	
"	"	"	100	8600 J	V	"	
"	"	"	175	5400 J	V	"	
"	22 17 42	+63 03 45	610	S	2.5 M	800602	
S 140 IR	22 17 42	+63 03 50	29	S	V	780810	
CRL 2885	22 17 42.1	+59 36 06	11	80 J	–	760605	
S 140 IRS3	22 17 42.7	+63 03 47	10	2.8 J	3.5 s	820102	
"	"	"	20	85 J	3.5 s	"	
AFGL 2887	22 18 27	+61 54 42	8.6	0.6 M	26 s	800213	AFGL
"	"	"	10.7	0.3 M	26 s	"	"
"	"	"	11.0	−0.9 M	10 M	760913	
"	"	"	12.2	0.2 M	26 s	800213	AFGL
AFGL 5682S	22 18 38	−61 05 36	19.8	−2.8 M	10 M	770706	
AFGL 2889	22 19 00	− 7 52 06	11.0	−1.2 M	10 M	760913	
31 PEG	22 19 03.3	+11 57 08	10	3.23 MU	11 s	740807	CSI 79
AFGL 5683S	22 19 40	−51 01 06	11.0	−1.9 M	10 M	770706	
PI 1 GRU	22 19 41.1	−46 12 01	8.4	−2.88 M	–	760307	CSI 79
"	"	"	9.7	−3.24 M	–	"	"
"	"	"	10.5	−3.50 M	–	"	"
"	"	"	11.2	−3.57 M	–	"	"
"	"	"	12.5	−3.47 M	–	"	"

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
	h m s	° ′ ″					
"	"	"	20	−4.35 M	-	"	"
AFGL 4289	22 19 48	−46 10 18	11.0	−3.6 M	10 M	760913	
"	"	"	19.8	−4.4 M	10 M	"	
110+10	22 20	+68 40	800	1.0E5 EE	5.2 D	820114	ED
AFGL 4290	22 20 37	− 2 46 00	11.0	−0.9 M	10 M	760913	
RW CEP	22 21 14.0	+55 42 36	8.4	0.4 M	11 S	700906	779907
"	"	"	8.4	0.46 M	-	710403	"
"	"	"	8.4	0.33 C	-	710203	"
"	"	"	8.4	0.33 C	-	710405	"
"	"	"	8.5	0.2 M	-	700907	"
"	"	"	11	−1.23 M	-	710403	"
"	"	"	11.0	−1.2 M	11 S	700906	"
"	"	"	11.0	−1.40 C	-	710203	"
"	"	"	11.0	−1.40 C	-	710405	"
"	"	"	11.4	−1.2 M	-	700907	"
"	"	"	20	−2.16 M	9 S	731104	"
3C 445	22 21 14.7	− 2 21 27	1670	12.6 JU	1 M	761201	769906
AFGL 2896	22 21 38	+55 42 18	8.4	0.3 M	11 S	800213	AFGL
"	"	"	11.0	−1.4 M	10 M	760913	
"	"	"	11.2	−1.4 M	11 S	800213	AFGL
"	"	"	19.8	−3.5 M	10 M	760913	
AFGL 2897S	22 21 43	+35 46 00	11.0	−1.2 M	10 M	770706	
IC 5217	22 21 56	+50 43	10	4.4 M	11 S	741009	IC
"	"	"	10.5	2000 G	6 S	811008	"
"	"	"	10.5	7.4 J	22 S	720301	"
"	"	"	10.5	2 X	-	"	"
"	"	"	11	3.2 M	11 S	741009	"
"	"	"	11	1.8 J	11 S	720301	"
"	"	"	11	1.3 J	-	"	"
"	"	"	12.8	100 GU	6 S	811008	"
"	"	"	18	0.8 MU	11 S	741009	"
4 LAC	22 22 28.9	+49 13 20	10	4.37 M	11 S	770504	CSI 79
PI AQR	22 22 43.3	+ 1 07 21	5	6.5 J	-	701105	CSI 79
"	"	"	8.5	3.4 J	-	"	"
"	"	"	8.7	2.35 M	11 S	740807	"
"	"	"	10	2.66 M	11 S	"	"
"	"	"	11	2.3 M	-	731106	"
"	"	"	11.4	2.61 M	11 S	740807	"
"	"	"	12.6	2.32 M	11 S	"	"
AFGL 5685S	22 22 56	+51 01 00	19.8	−3.6 M	10 M	770706	
3C 446	22 23 11.1	− 5 12 17	10	1.27 Q	V	790509	809908
"	"	"	1670	5.5 JU	1 M	761201	"
AFGL 5687S	22 23 12	−48 40 12	11.0	−1.6 M	10 M	770706	
AFGL 2900	22 23 13	+30 13 00	11.0	−1.7 M	10 M	760913	
AFGL 2901	22 24 04	+60 04 30	8	S	25 S	810215	AFGL
"	"	"	8.6	−2.1 MV	26 S	800213	"
"	"	"	10.7	−2.4 MV	26 S	"	"
"	"	"	11.0	−2.0 M	10 M	760913	
"	"	"	12.2	−2.6 MV	26 S	800213	AFGL
"	"	"	18	−3.1 M	26 S	"	"
"	"	"	19.8	−3.0 M	10 M	760913	
CRL 2901	22 24 08.1	+60 05 25	8.7	−1.97 M	11 S	760606	
"	"	"	10	−2.18 M	11 S	"	
"	"	"	11.4	−2.46 M	11 S	"	
"	"	"	12.5	−2.69 M	11 S	"	
"	"	"	19.5	−3.24 M	11 S	"	
"	"	"	23	−3.44 M	11 S	"	
WU 2225-30.7	22 25	−30 42	280	5E6 X	1 D	741104	ED
AFGL 5689S	22 25 51	+31 34 54	19.8	−3.1 M	10 M	770706	
AFGL 5690S	22 26 06	−65 41 30	19.8	−3.4 M	10 M	"	
AFGL 2910	22 26 36	+58 58 06	11.0	−1.1 M	10 M	760913	
DEL 2 GRU	22 26 46.6	−44 00 19	8.4	−0.98 M	-	730002	CSI 79
"	"	"	10.2	−1.01 M	-	"	"
"	"	"	11.2	−0.94 M	-	"	"
S LAC	22 26 49.2	+40 03 33	8.4	1.45 C	-	710203	779907
"	"	"	10.2	−16.4 R	-	740401	"
"	"	"	11.0	1.05 C	-	710203	"
AFGL 5691S	22 26 57	+40 02 12	8.4	1.5 M	11 S	800213	770706
"	"	"	11.2	1.1 M	11 S	"	"
DEL CEP	22 27 18.5	+58 09 32	8.6	2.0 M	-	721203	779907
"	"	"	11.3	2.2 M	-	"	"
AFGL 2913	22 27 20	+47 26 18	8.6	−0.1 M	26 S	800213	AFGL
"	"	"	10.7	−0.4 M	26 S	"	"
AFGL 5692S	22 27 37	+34 28 54	19.8	−3.6 M	10 M	770706	
IRC+50434	22 27 44	+45 34 54	10.7	0.2 M	-	740705	IRC
AFGL 5693S	22 27 52	− 5 40 00	19.8	−3.8 M	10 M	770706	
ST CEP	22 28 16.5	+56 44 39	8.5	1.2 M	-	700907	779907
"	"	"	11.4	−1.0 M	-	"	"
"	"	"	20	−1.6 M	14 S	760901	"
AFGL 2916	22 28 20	+56 44 42	11.0	−1.0 M	10 M	760913	
AFGL 2917S	22 28 41	−31 56 06	11.0	−1.6 M	10 M	770706	
IRC+30495	22 30 04	+30 36 30	10.7	0.6 MU	-	740705	IRC
M2-53	22 30 24	+55 55	10	4.8 MU	11 S	741009	P−K
AFGL 2919	22 30 37	+55 10 30	10.6	0.8 M	26 S	800213	AFGL
"	"	"	11.0	−1.2 M	10 M	760913	
IRC+60359	22 30 40	+55 10 54	10	0.8 M	-	740705	IRC
AFGL 5697S	22 31 19	+58 11 12	19.8	−2.9 M	10 M	770706	
IRC+70188	22 31 31	+66 40 00	10.7	0.0 MU	-	740705	IRC
AFGL 2920S	22 31 36	+66 40 42	10.7	0.0 M	26 S	800213	770706
AFGL 2921	22 31 39	+24 16 42	11.0	−0.3 M	10 M	760913	
AFGL 2922	22 31 45	+58 38 30	11.0	−1.7 M	10 M	"	
"	"	"	19.8	−4.0 M	10 M	"	
AFGL 5698S	22 32 08	+56 21 48	11.0	−2.5 M	10 M	770706	
LKHA 233	22 32 30	+40 23	8.6	3.2 M	11 S	741108	
"	"	"	10	3.0 M	11 S	"	
"	"	"	11.3	2.7 M	11 S	"	
"	"	"	18	0.1 M	11 S	"	
AFGL 2925	22 34 25	+58 10 12	8.6	−0.8 MV	26 S	800213	AFGL
"	"	"	10.7	−1.1 MV	26 S	"	"
"	"	"	11.0	−1.5 M	10 M	760913	
"	"	"	12.2	−1.5 M	26 S	800213	AFGL
W CEP	22 34 32.8	+58 10 00	8.4	−0.4 M	11 S	700906	779907
"	"	"	8.4	−0.37 M	-	710403	"
"	"	"	8.6	−0.9 M	-	731004	"
"	"	"	8.6	−0.9 M	-	740809	"
"	"	"	8.7	−0.68 M	-	741105	"
"	"	"	10.0	−1.18 M	-	"	"
"	"	"	10.7	−1.7 M	-	740809	"
"	"	"	11	−1.70 M	-	710403	"
"	"	"	11.0	−1.7 M	11 S	700906	"
"	"	"	11.3	−1.8 M	-	731004	"
"	"	"	11.4	−1.69 M	-	741105	"
"	"	"	12.2	−1.3 M	-	731004	"
"	"	"	12.2	−1.5 M	-	740809	"
"	"	"	12.6	−1.40 M	-	741105	"
"	"	"	18	−2.3 M	-	731004	"
"	"	"	19.5	−2.39 M	-	741105	"
"	"	"	20	−2.49 M	9 S	731104	"
"	"	"	22	−3.0 M	-	731004	"
"	"	"	23	−2.67 M	-	741105	"
AFGL 2926S	22 34 36	+65 34 42	19.8	−2.5 M	10 M	770706	
NGC 7331	22 34 47.7	+34 09 35	10	0.074 JU	5.7 S	780305	769909
IRC+50438	22 34 50	+52 21 54	10.7	−0.3 MU	-	740705	IRC
HD 214419	22 34 56.8	+56 38 46	10.0	4.80 M	11 S	740907	779907
AFGL 5702S	22 35 53	−14 18 48	11.0	−0.9 M	10 M	770706	
AFGL 2927S	22 36 26	+72 48 36	19.8	−3.2 M	10 M	"	
AFGL 2928	22 36 28	+56 32 00	11.0	−0.4 M	10 M	760913	
IRC+20533	22 36 33	+20 52 06	10.7	0.6 MU	-	740705	IRC
AFGL 5703S	22 36 47	+20 53 00	10.7	0.6 MU	26 S	800213	770706
AFGL 2929	22 36 50	+75 06 00	11.0	−1.9 M	10 M	760913	
AFGL 5704S	22 36 56	−61 50 30	19.8	−2.7 M	10 M	770706	
10 LAC	22 37 00.7	+38 47 21	5.0	6.83 M	-	700302	CSI 79
AFGL 2932	22 38 29	+49 45 18	8.6	0.3 MU	26 S	800213	AFGL
"	"	"	10.7	−0.3 MV	26 S	"	"
"	22 38 34	+49 45 36	8.4	0.93 M	17 S	790401	
"	"	"	11.2	−0.04 M	17 S	"	
IRC+50440	22 38 35	+49 44 30	8.6	0.3 MU	-	740705	IRC
"	"	"	10.7	−0.3 M	-	"	"
AFGL 2933S	22 38 54	+10 45 24	19.8	−2.8 M	10 M	770706	
AFGL 2934	22 39 20	+20 55 18	11.0	−0.7 M	10 M	760913	
AFGL 4292	22 39 34	−47 09 12	11.0	−3.6 M	10 M	"	
"	"	"	19.8	−3.8 M	10 M	"	
BET GRU	22 39 41.3	−47 08 47	8.4	−3.29 M	-	730002	CSI 79
"	"	"	10	−3.45 M	9 S	790804	"
"	"	"	10.2	−3.42 M	-	730002	"
"	"	"	11.2	−3.45 M	-	"	"
"	"	"	20	−3.58 M	9 S	790804	"
WU 2240-15.9	22 40	−15 54	280	1.1E7 X	1 D	741104	ED
SZ AQR	22 40 07.6	−21 26 27	11.3	−0.6 MU	-	721203	CSI 79
AFGL 2940	22 40 37.0	+27 53 42	8.4	0.77 M	17 S	790401	
"	"	"	11.2	0.24 M	17 S	"	
"	"	"	12.5	0.36 M	17 S	"	
ETA PEG	22 40 39.2	+29 57 32	5.0	0.68 M	-	700302	CSI 79
"	"	"	10.2	0.50 M	-	"	"
"	"	"	22.0	0.54 M	-	"	"
AFGL 2941	22 40 55	+59 30 18	11.0	−1.5 M	10 M	760913	
"	22 41 16	+59 29 30	8.4	0.14 M	17 S	790401	
"	"	"	11.2	−0.64 M	17 S	"	
"	"	"	12.5	−0.51 M	17 S	"	
AFGL 5709S	22 41 36	+41 33 24	11.0	−2.8 M	10 M	770706	
AFGL 2949	22 42 25.3	+74 31 51	10.6	−0.3 M	-	790106	
"	22 42 38	+74 32 36	8.6	0.5 M	26 S	800213	AFGL
"	"	"	10.7	0.2 M	26 S	"	"
"	"	"	11.0	−1.0 M	10 M	760913	
"	"	"	12.2	−0.2 M	26 S	800213	AFGL
AFGL 2951S	22 42 50	+ 6 37 00	11.0	−1.6 M	10 M	770706	
AFGL 5713S	22 43 48	−11 24 54	19.8	−4.3 M	10 M	"	
EV LAC	22 44 38.5	+44 04 32	8.7	4.74 C	10 S	741205	779907
"	"	"	11.4	4.77 C	10 S	"	"
AFGL 2956S	22 45 20	+12 02 48	11.0	−1.3 M	10 M	770706	
AFGL 2957	22 45 38	+54 53 06	11.0	−1.6 M	10 M	760913	
"	"	"	19.8	−3.1 M	10 M	"	
U LAC	22 45 39.7	+54 53 40	20	−1.96 M	-	741002	779907
AFGL 5715S	22 45 46	+61 00 00	11.0	−0.6 M	10 M	770706	
K4-57	22 46 34.8	+58 13 12	10	4.9 M	-	740708	729903
AFGL 2960	22 46 42	+27 05 36	11.0	−0.9 M	10 M	760913	
AFGL 2962	22 46 59	−13 50 00	11.0	−0.7 M	10 M	"	
"	"	"	19.8	−2.7 M	10 M	"	
AFGL 2963	22 47 23	+59 40 30	11.0	−0.9 M	10 M	"	
"	"	"	19.8	−3.2 M	10 M	"	
AFGL 5719S	22 47 26	−40 08 42	19.8	−2.7 M	10 M	770706	
AFGL 2965	22 47 34	+40 47 00	11.0	−1.3 M	10 M	760913	
RX LAC	22 47 40.8	+40 47 10	20	−1.5 M	14 S	760901	779907
AFGL 2967	22 47 53	+65 56 00	19.8	−3.2 M	10 M	760913	
AFGL 2968	22 48 04	+60 01 30	8.4	0.1 MV	17 S	800213	AFGL
"	"	"	8.6	−0.3 M	8.5 S	"	"
"	"	"	8.6	−0.3 MV	26 S	"	"
"	"	"	10.7	−1.8 M	8.5 S	"	"
"	"	"	10.7	−1.9 MV	26 S	"	"
"	"	"	11.0	−1.6 M	10 M	760913	
"	"	"	11.2	−1.7 MV	17 S	800213	AFGL
"	"	"	12.2	−1.5 M	8.5 S	"	"
"	"	"	12.2	−1.8 MV	26 S	"	"
"	"	"	12.5	−1.4 MV	17 S	"	"
"	"	"	18	−2.8 M	8.5 S	"	"
"	"	"	18	−3.0 MV	26 S	"	"
"	"	"	19.8	−3.6 M	10 M	760913	
IRC+60370	22 48 06	+60 01 42	8.6	−0.3 M	-	740809	IRC
"	"	"	10.7	−2.0 M	-	"	"
"	"	"	12.2	−1.8 M	-	"	"
"	"	"	18	−3.0 M	-	"	"
AFGL 2971	22 49 04	+64 00 00	11.0	−0.8 M	10 M	760913	
AFGL 2974	22 49 29	−25 33 06	11.0	−1.5 M	10 M	"	
"	"	"	19.8	−4.3 M	10 M	"	
IRC+50449	22 49 50	+50 42 24	10.7	−0.4 MU	-	740705	IRC
AFGL 2979S	22 49 57	+50 42 12	10.7	−0.4 MU	26 S	800213	770706
AFGL 2977	22 49 57	− 7 51 12	11.0	−1.3 M	10 M	760913	
AFGL 2982	22 51 19	+61 01 24	8.6	0.4 M	26 S	800213	AFGL
"	"	"	10.7	−1.0 M	26 S	"	"
"	"	"	11.0	−1.2 M	10 M	760913	
"	"	"	12.2	−1.1 M	26 S	800213	AFGL
2251-178	22 51 25.9	−17 50 54	10	6.7 M	-	821209	809908
3C 454.3	22 51 29.5	+15 52 55	10	1.23 Q	V	790509	809908
"	"	"	1000	4.6 J	55 S	821106	"
2251+15	"	"	1000	2.4 J	-	800818	"
3C 454.3	"	"	1670	5.3 JU	1 M	761201	"
IRC+10523	22 51 40	+ 8 37 54	5.0	−14.8 RV	-	740401	IRC
"	"	"	10.2	−15.2 RV	-	"	"
AFGL 2984	22 51 44	+ 8 37 42	11.0	−1.8 M	10 M	760913	
CRL 2985	22 51 51.9	+66 00 49	8.4	120 J	12 S	780106	
"	"	"	10.6	100 J	12 S	"	
"	"	"	11.0	120 J	12 S	"	
AFGL 2985	22 51 54	+66 00 00	8.6	−0.9 M	26 S	800213	AFGL
"	"	"	10.7	−1.3 M	26 S	"	"
"	"	"	11.0	−1.2 M	10 M	760913	
"	"	"	12.2	−1.0 M	26 S	800213	AFGL
"	"	"	18	−2.7 M	26 S	"	"
AFGL 2986	22 52 11	+16 40 12	19.8	−4.7 M	10 M	760913	
NGC 7419 A	22 52 18	+60 34	10	3.75 M	11 S	741006	RNGC
NGC 7419 C	-	-	10	3.10 M	11 S	"	"
NGC 7419 D	-	-	10	2.93 M	11 S	"	"
NGC 7419 E	-	-	10	2.96 M	11 S	"	"
NGC 7419 G	-	-	10	2.96 M	11 S	"	"
AFGL 5725S	22 52 30	+20 03 24	19.8	−5.0 M	10 M	770706	
IRC+60375	22 52 31	+60 33 12	8.6	−0.14 M	11 S	741006	IRC
"	"	"	10	−0.92 M	11 S	"	"

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
"	h m s	° ′ ″	10.8	−1.27 M	11 s	"	"
"	"	"	11.3	−1.30 M	11 s	"	"
"	"	"	12.8	−1.42 M	11 s	"	"
"	"	"	18	−2.24 M	11 s	"	"
"	"	"	22	−2.28 M	11 s	"	"
AFGL 2987	22 52 33	+60 33 36	11.0	−1.6 M	10 M	760913	
AFGL 2989	22 52 33	−29 51 48	11.0	−2.3 M	10 M	"	
"	"	"	19.8	−3.3 M	10 M	"	
AFGL 2988	22 52 37	+84 49 00	11.0	−0.7 M	10 M	"	
"	"	"	19.8	−2.0 M	10 M	"	
"	22 52 38.3	+84 46 49	10.6	0.6 M	-	790106	
IRC+50451	22 53 04	+54 55 12	10.7	−0.6 M	-	740705	IRC
AFGL 4293	22 54 03	−57 39 36	11.0	−1.8 M	10 M	760913	
DI CEP	22 54 08.4	+58 24 00	10	3.3 M	11 s	741108	779907
"	"	"	10	4.03 MV	12 s	760107	"
CEP A #1	22 54 09.0	+61 45 07	55	500 J	50 s	810209	ED
"	"	"	125	400 JU	50 s	"	"
CEP A #2	22 54 10.7	+61 45 43	55	700 J	50 s	"	ED
"	"	"	125	500 J	50 s	"	"
CEP A #3	22 54 12.1	+61 46 16	55	600 J	50 s	"	ED
"	"	"	125	400 J	50 s	"	"
AFGL 2991	22 54 13	+58 15 48	11.0	−0.8 M	10 M	760913	
CEP A #4	22 54 13.2	+61 44 50	55	600 J	50 s	810209	ED
"	"	"	125	400 JU	50 s	"	"
CEP A #5	22 54 14.9	+61 46 52	55	600 J	50 s	"	ED
"	"	"	125	500 J	50 s	"	"
CEP A #6	22 54 15.8	+61 45 25	55	2200 J	50 s	"	ED
"	"	"	125	2800 J	50 s	"	"
CEP A #7	22 54 15.9	+61 47 28	55	400 J	50 s	"	ED
"	"	"	125	500 JU	50 s	"	"
CEP A #8	22 54 17.1	+61 46 01	55	2000 J	50 s	"	ED
"	"	"	125	2900 J	50 s	"	"
CEP A #10	22 54 18.3	+61 44 22	55	900 J	50 s	"	ED
"	"	"	125	600 J	50 s	"	"
CEP A #9	22 54 18.3	+61 48 04	55	300 J	50 s	"	ED
"	"	"	125	500 JU	50 s	"	"
CEP A #11	22 54 19.2	+61 46 34	55	1400 J	50 s	"	ED
"	"	"	125	1300 J	50 s	"	"
CEP A #13	22 54 20.9	+61 45 07	55	4700 J	50 s	"	ED
"	"	"	125	4900 J	50 s	"	"
CEP A #12	22 54 20.9	+61 47 12	55	700 J	50 s	"	ED
"	"	"	125	500 J	50 s	"	"
AFGL 2992	22 54 21	+49 27 12	11.0	−0.5 M	10 M	760913	
AFGL 2993	22 54 21	−20 36 24	11.0	−1.5 M	10 M	"	
"	"	"	19.8	−4.9 M	10 M	"	
CEP A #14	22 54 21.7	+61 45 43	55	8400 J	50 s	810209	ED
"	"	"	125	12400 J	50 s	"	"
CEP A #15	22 54 22.1	+61 44 16	55	800 J	50 s	"	ED
"	"	"	125	1100 J	50 s	"	"
CEP A #16	22 54 23.0	+61 47 43	55	300 J	50 s	"	ED
"	"	"	125	500 JU	50 s	"	"
CEP A #17	22 54 23.8	+61 46 16	55	2400 J	50 s	"	ED
"	"	"	125	2700 J	50 s	"	"
CEP A #18	22 54 25.0	+61 46 52	55	1200 J	50 s	"	ED
"	"	"	125	400 J	50 s	"	"
CEP A #19	22 54 25.8	+61 44 49	55	1200 J	50 s	"	ED
"	"	"	125	600 J	50 s	"	"
CEP A #20	22 54 26.1	+61 45 25	55	3800 J	50 s	"	ED
"	"	"	125	2400 J	50 s	"	"
CEP A #21	22 54 27.2	+61 43 56	55	400 J	50 s	"	ED
"	"	"	125	400 JU	50 s	"	"
CEP A #22	22 54 27.2	+61 47 22	55	500 J	50 s	"	ED
"	"	"	125	500 JU	50 s	"	"
CEP A #23	22 54 28.9	+61 46 01	55	1700 J	50 s	"	ED
"	"	"	125	800 J	50 s	"	"
CEP A #24	22 54 30.2	+61 44 28	55	300 J	50 s	"	ED
"	"	"	125	400 JU	50 s	"	"
CEP A #25	22 54 30.2	+61 46 34	55	900 J	50 s	"	ED
"	"	"	125	500 JU	50 s	"	"
CEP A #26	22 54 30.6	+61 45 07	55	500 J	50 s	"	ED
"	"	"	125	400 JU	50 s	"	"
CEP A #27	22 54 32.2	+61 47 02	55	400 J	50 s	"	ED
"	"	"	125	500 JU	50 s	"	"
CEP A #28	22 54 33.3	+61 45 39	55	600 J	50 s	"	ED
"	"	"	125	400 JU	50 s	"	"
CEP A #29	22 54 34.0	+61 46 16	55	600 J	50 s	"	ED
"	"	"	125	500 JU	50 s	"	"
CEP A #30	22 54 36.0	+61 46 46	55	400 J	50 s	"	ED
"	"	"	125	500 JU	50 s	"	"
IRC+60377	22 54 37	+61 15 24	8.7	0.77 M	-	790604	IRC
"	"	"	10	0.5 M	-	740705	"
"	"	"	10.0	−0.09 M	-	790604	"
"	"	"	11.4	−0.67 M	-	"	"
"	"	"	12.6	−0.47 M	-	"	"
AFGL 2994S	22 54 42	+54 25 54	11.0	−1.1 M	10 M	770706	
CEP OB3 FIRS1	22 54 42	+61 47 12	80	−14.8 R	4.5 M	790514	
"	"	"	150	−15.5 R	4.5 M	"	
AFGL 5727S	22 54 46	−53 46 36	11.0	−1.5 M	10 M	770706	
"	"	"	27.4	−6.7 M	10 M	"	
HD 217050	22 54 51.5	+48 25 00	8.7	3.49 M	11 s	740807	779907
"	"	"	10	3.50 M	11 s	"	"
"	"	"	11.4	3.34 M	11 s	"	"
AFGL 2996S	22 54 53	+61 15 30	10.6	0.5 M	26 s	800213	770706
"	"	"	11.0	−0.5 M	10 M	770706	
AFGL 2997S	22 54 54	+61 46 54	11.0	−1.0 M	10 M	"	
"	"	"	19.8	−2.9 M	10 M	"	
CRL 2999	22 55 00.3	+58 32 39	11	190 J	-	760605	
2255+41	22 55 04.7	+41 38 14	10.6	0.023 JU	6 s	810803	790910
CEP B	22 55 08.7	+62 21 30	55	S	50 s	810209	CSI 79
AFGL 4294	22 55 21	+84 06 24	19.8	−4.0 M	10 M	760913	
AFGL 2999	22 55 29	+58 34 18	8.6	−1.1 MV	26 s	800213	AFGL
"	"	"	10.7	−2.2 MV	26 s	"	"
"	"	"	11.0	−2.1 M	10 M	760913	
"	"	"	12.2	−2.0 MV	26 s	800213	AFGL
"	"	"	18	−3.2 MV	26 s	"	"
"	"	"	19.8	−3.3 M	10 M	760913	
AFGL 3000	22 55 31	+62 21 30	11.0	−1.3 M	10 M	"	
"	"	"	19.8	−3.4 M	10 M	"	
AFGL 3001	22 55 39	+21 13 18	11.0	−1.0 M	10 M	"	
AS 501	22 55 39	+58 31	8.6	−0.9 M	11 s	741108	AS
"	"	"	10.8	−1.8 M	11 s	"	"
"	"	"	11.3	−1.9 M	11 s	"	"
"	"	"	12.8	−1.85 M	11 s	"	"
"	"	"	18	−2.8 M	11 s	"	"
"	"	"	22	−2.8 M	11 s	"	"
CRL 2999	22 55 39.5	+58 33 28	8.7	−0.77 M	11 s	760606	
"	"	"	10	−1.52 M	11 s	"	
"	"	"	11.4	−2.14 M	11 s	"	
"	"	"	12.5	−2.04 M	11 s	"	
"	"	"	19.5	−3.32 M	11 s	"	
"	"	"	23	−3.63 M	11 s	"	
"	"	"	11.0	−1.2 M	10 M	770706	
"	"	"	19.8	−3.9 M	10 M	"	
"	"	"	11.0	−1.5 M	10 M	760913	
"	"	"	19.8	−3.2 M	10 M	"	
"	22 57 58.1	+56 40 36	8.4	0.36 M	-	710403	CSI 79
"	"	"	8.4	−24.4 L	-	701003	"
"	"	"	8.6	0.75 M	-	811002	"
"	"	"	8.7	0.36 M	-	741105	"
"	"	"	10	1.00 C	-	670801	"
"	"	"	10.0	0.50 M	-	741105	"
"	"	"	10.4	0.95 C	-	650002	"
"	"	"	10.7	0.93 M	-	811002	"
"	"	"	11	0.43 M	-	710403	"
"	"	"	11.0	−24.6 L	-	701003	"
"	"	"	11.4	0.59 M	-	741105	"
"	"	"	12.2	0.96 M	-	811002	"
"	"	"	12.6	0.46 M	-	741105	"
"	"	"	19.5	0.18 M	-	"	"
IRC+60379	22 58 00	+56 40 42	10.2	1.62 M	-	700302	IRC
CRL 3011	22 58 29.7	+64 02 38	8.7	−0.89 M	11 s	760606	
"	"	"	10	−1.07 M	11 s	"	
"	"	"	11.4	−1.41 M	11 s	"	
"	"	"	12.5	−1.43 M	11 s	"	
"	"	"	19.5	−1.63 M	11 s	"	
"	"	"	23	−1.74 M	11 s	"	
"	22 58 32.0	+64 02 44	5.0	200 J	-	760605	
"	"	"	8.4	100 J	-	"	
"	"	"	8.8	85 J	-	"	
"	"	"	10.4	110 J	-	"	
"	"	"	10.6	76 J	-	"	
"	"	"	11.6	130 J	-	"	
"	"	"	12.6	70 J	-	"	
AFGL 3010	22 58 41	+46 14 00	11.0	−0.7 M	10 M	760913	
AFGL 3011	22 58 47	+64 02 48	8.6	−0.8 M	26 s	800213	AFGL
"	"	"	10.7	−1.4 M	26 s	"	"
"	"	"	11.0	−1.4 M	10 M	760913	
"	"	"	12.2	−1.5 M	26 s	800213	AFGL
"	"	"	19.8	−3.4 M	10 M	760913	
AFGL 3012	22 59 08	+32 20 36	11.0	−0.9 M	10 M	"	
AFGL 3013	22 59 10	+61 17 36	11.0	−0.6 M	10 M	"	
AFGL 4295	22 59 35	+10 19 12	8.6	−0.1 M	26 s	800213	AFGL
"	"	"	10.7	−0.9 M	26 s	"	"
"	"	"	11.0	−1.3 M	10 M	760913	
"	"	"	19.8	−3.3 M	10 M	"	
"	22 59 37	+10 20 00	8.4	−0.04 M	17 s	790401	
IRC+10525	"	"	8.6	−0.1 M	-	740705	IRC
"	"	"	10.2	−15.4 R	-	740401	"
"	"	"	10.7	−0.9 M	-	740705	"
AFGL 4295	"	"	11.2	−0.95 M	17 s	790401	
"	"	"	12.5	−0.53 M	17 s	"	
AFGL 3016	23 00 00	+59 32 06	8.6	0.7 M	26 s	800213	AFGL
"	"	"	10.7	−0.7 M	26 s	"	"
"	"	"	11.0	−1.1 M	10 M	760913	
"	"	"	12.2	−0.6 M	26 s	800213	AFGL
IRC+70191	23 00 40	+70 48 36	10.7	−0.3 MU	-	740705	IRC
NGC 7469	23 00 44.4	+ 8 36 19	5	2 J	V	700306	769909
"	"	"	8	S	4.7 s	810912	"
"	"	"	10	0.9 JV	V	700306	"
"	"	"	10	0.78 J	6 s	720901	"
"	"	"	10.6	0.60 J	5.9 s	790405	"
"	"	"	10.6	0.600 J	-	781209	"
"	"	"	12.81	138 G	4.7 s	810912	"
"	"	"	21	1.6 J	5.9 s	790405	"
"	"	"	21	2.1 J	6 s	720901	"
"	"	"	22	9 JV	V	700306	"
"	"	"	1670	12.2 JU	1 M	761201	"
AFGL 3017	23 01 18	+27 48 30	8.4	−2.2 M	11 s	800213	AFGL
"	"	"	11.0	−2.6 M	10 M	760913	
"	"	"	11.2	−2.3 M	11 s	800213	AFGL
BET PSC	23 01 19.7	+ 3 33 01	8.7	3.91 M	11 s	740807	CSI 79
"	"	"	10	3.65 M	11 s	"	"
"	"	"	11.4	4.00 M	11 s	"	"
BET PEG	23 01 20.7	+27 48 39	5.0	−2.20 M	-	700302	CSI 79
BS 8775	"	"	5.00	−2.20 M	-	751004	"
BET PEG	"	"	8.4	−2.45 M	12 s	760107	"
"	"	"	8.4	−2.39 M	-	710403	"
"	"	"	8.4	−2.21 C	-	710203	"
"	"	"	8.4	−2.21 C	-	710405	"
"	"	"	8.6	−2.4 M	11 s	740605	"
"	"	"	8.6	−2.45 M	-	741009	"
"	"	"	8.6	−2.42 M	-	721103	"
"	"	"	8.6	−2.4 M	-	721203	"
"	"	"	8.7	−2.46 M	11 s	740807	"
"	"	"	8.7	−2.46 M	-	741105	"
"	"	"	10	5.26 FV	V	660501	"
"	"	"	10	−2.51 M	11 s	740807	"
"	"	"	10	−2.50 M	12 s	760107	"
"	"	"	10	−2.24 C	-	670801	"
"	"	"	10	−2.50 M	-	741009	"
"	"	"	10	−2.50 M	-	800509	"
"	"	"	10	−2.5 M	-	741107	"
"	"	"	10.0	−2.51 M	-	741105	"
BS 8775	"	"	10.0	−2.36 M	-	751004	"
BET PEG	"	"	10.2	−2.40 M	-	700302	"
"	"	"	10.3	−2.5 M	11 s	740605	"
"	"	"	10.4	−2.33 C	-	640501	"
"	"	"	10.6	386 J	-	821204	"
"	"	"	10.8	−2.62 M	-	721103	"
"	"	"	10.8	−2.50 M	-	741009	"
"	"	"	11	−2.49 M	-	710403	"
"	"	"	11.0	−2.32 C	-	710203	"
"	"	"	11.0	−2.32 C	-	710405	"
"	"	"	11.1	−2.55 M	12 s	760107	"
"	"	"	11.2	−2.52 M	-	780217	"
"	"	"	11.3	−2.5 M	11 s	740605	"
"	"	"	11.3	−2.50 M	-	741009	"
"	"	"	11.3	−2.6 M	-	721203	"
"	"	"	11.4	−2.57 M	11 s	740807	"
"	"	"	11.4	−2.57 M	-	741105	"
"	"	"	11.5	7.1 F	-	690304	"
"	"	"	12.2	−2.47 M	-	721103	"
"	"	"	12.4	−2.5 M	11 s	740605	"
"	"	"	12.6	−2.59 M	11 s	740807	"
"	"	"	12.6	−2.5 M	11 s	740605	"
"	"	"	12.6	−2.59 M	-	741105	"

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
"	h m s	° ′ ″	12.8	−2.50 M	-	741009	"
"	"	"	18	−2.5 M	11 s	740605	"
"	"	"	18	−2.5 M	-	741009	"
"	"	"	19.5	−2.80 M	11 s	740807	"
"	"	"	19.5	−2.80 M	-	741105	"
"	"	"	20	−2.74 M	9 s	731104	"
"	"	"	20	−2.71 M	10 s	721002	"
"	"	"	20	0.90 F	13 s	761011	"
"	"	"	20	−2.7 M	-	741107	"
"	"	"	22	−2.5 M	11 s	740605	"
"	"	"	22	−2.5 M	-	741009	"
"	"	"	22.0	−2.17 M	-	700302	"
"	"	"	23	−2.80 M	-	741105	"
"	"	"	25	0.38 F	13 s	761011	"
"	"	"	27	−2.5 M	11 s	740605	"
AFGL 3018	23 01 29	+37 34 54	11.0	−1.2 M	10 M	760913	
MARK 315	23 01 35.6	+22 21 10	10.6	0.068 J	-	781209	739901
ALF PEG	23 02 16.0	+14 56 08	5.0	2.24 M	-	700302	CSI 79
"	"	"	10.2	2.18 M	-	"	"
S 156A	23 03 04.6	+59 58 29	11.6	47 J	60 s	771009	ED
S 156	23 03 05.5	+59 58 13	5	S	-	821101	759901
"	"	"	6.99	7.5 XU	27 s	"	"
IC 1470	"	"	8.6	3.9 M	11 s	731002	"
S 156	"	"	8.99	1.5 X	11 s	821101	"
IC 1470	"	"	11.3	2.0 M	11 s	731002	"
S 156	"	"	12.81	7.8 X	11 s	821101	"
IC 1470	"	"	18	−0.9 M	11 s	731002	"
S 156	"	"	18.7	21 X	30 s	821101	"
AFGL 3021S	23 03 16	+65 07 54	11.0	−1.3 M	10 M	770706	
"	"	"	19.8	−4.0 M	10 M	"	
AFGL 3022	23 03 26	+60 00 00	8.6	1.2 MV	26 s	800213	AFGL
"	"	"	10.7	0.1 MV	26 s	"	"
"	"	"	11.0	−1.5 M	10 M	760913	
"	"	"	12.2	0.1 MV	26 s	800213	AFGL
"	"	"	18	−1.5 M	26 s	"	"
"	"	"	19.8	−3.7 M	10 M	760913	
AFGL 3023	23 04 06	+10 15 30	8.4	−0.9 M	11 s	800213	AFGL
"	"	"	11.0	−1.4 M	10 M	760913	
"	"	"	11.2	−1.9 M	11 s	800213	AFGL
R PEG	23 04 08.2	+10 16 20	5.0	−0.42 M	-	700302	CSI 79
"	"	"	8.1	114 J	15 s	800510	"
"	"	"	8.4	−0.93 C	-	710203	"
"	"	"	9.57	102 J	15 s	800510	"
"	"	"	10	133 J	15 s	"	"
"	"	"	11.0	−1.90 C	-	710203	"
"	"	"	12.2	114 J	15 s	800510	"
"	"	"	20	−2.30 M	9 s	731104	"
"	"	"	20	60 J	15 s	800510	"
"	"	"	30	80 JU	15 s	"	"
AFGL 3024	23 04 28	+ 9 07 24	19.8	−1.9 M	10 M	760913	
AFGL 3029	23 06 26	−30 24 00	11.0	−1.5 M	10 M	"	
AFGL 3032S	23 06 50	+75 08 00	11.0	−1.5 M	10 M	770706	
"	"	"	19.8	−3.1 M	10 M	"	
AFGL 3031	23 06 58	+ 8 23 54	11.0	−1.2 M	10 M	760913	
AFGL 3034	23 07 40	+33 29 54	11.0	−0.7 M	10 M	"	
IRC+40530	23 07 51	+39 55 42	10.7	0.9 M	-	740705	IRC
AFGL 3037S	23 07 54	+39 55 12	10.7	0.9 MU	26 s	800213	770706
AFGL 3041	23 09 09	+52 37 12	11.0	−0.7 M	10 M	760913	
V CAS	23 09 31.1	+59 25 40	5.0	−14.8 R	-	740401	779907
"	"	"	8.4	0.13 C	-	710203	"
"	"	"	10.2	−15.7 R	-	740401	"
"	"	"	11.0	−0.37 C	-	710203	"
AFGL 3044	23 09 33	+59 24 36	8.4	0.1 M	11 s	800213	AFGL
"	"	"	8.6	0.4 M	26 s	"	"
"	"	"	10.7	−0.4 M	26 s	"	"
"	"	"	11.0	−0.7 M	10 M	760913	
"	"	"	11.2	−0.4 M	11 s	800213	AFGL
"	"	"	12.2	−0.3 M	26 s	"	"
AFGL 3045	23 10 21	+63 41 42	11.0	−0.7 M	10 M	760913	
NGC 7538 A	23 10 36	+61 08 30	1230	27.4 JU	-	760601	
AFGL 3046	23 11 00	+66 46 54	8.6	2.2 M	26 s	800213	AFGL
"	"	"	11.0	−2.1 M	10 M	760913	
S 158A	23 11 21.7	+61 13 50	10	23 J	11 s	771009	740203
"	"	"	11.6	155 J	60 s	"	"
"	"	"	18.65	S	26 s	821102	"
"	"	"	18.71	14 X	26 s	"	"
"	"	"	19	180 J	60 s	771009	"
"	"	"	20	160 J	11 s	"	"
"	"	"	33.0	S	26 s	821102	"
"	"	"	33.47	24 X	26 s	"	"
NGC 7538 (1)	23 11 21.8	+61 13 45	18	.0200 E	1.0 M	810208	
"	"	"	33	.0170 EU	1.5 M	"	
"	"	"	52	.0110 E	1.5 M	"	
"	"	"	57	.0015 EU	1.5 M	"	
"	"	"	88	.0070 E	1.5 M	"	
NGC 7538	23 11 22.9	+61 13 50	88.0	S	75 s	791008	
"	"	"	88.4	130 X	75 s	"	
NGC 7538 HII	23 11 23	+61 12 50	30	1000 J	40 s	790803	
"	"	"	50	2500 J	40 s	"	
"	"	"	100	5000 J	55 s	"	
NGC 7538 B	23 11 24.1	+61 12 43	1230	37.2 JU	-	760601	
NGC 7538 (3)	23 11 26.0	+61 14 14	18	.0100 EU	1.0 M	810208	
"	"	"	52	.0210 E	1.5 M	"	
"	"	"	57	.0040 EU	1.5 M	"	
"	"	"	88	.0145 E	1.5 M	"	
NGC 7538 (4)	23 11 30.1	+61 14 43	52	.0140 E	1.5 M	"	
"	"	"	57	.0045 EU	1.5 M	"	
AFGL 3048	23 11 33	+61 12 30	8.4	−0.4 M	17 s	800213	AFGL
"	"	"	8.6	−1.5 M	26 s	"	"
"	"	"	10.7	−0.3 M	26 s	"	"
"	"	"	11.0	−3.0 M	10 M	760913	
"	"	"	11.2	−0.8 M	17 s	800213	AFGL
"	"	"	12.2	−2.3 M	26 s	"	"
"	"	"	12.5	−2.0 M	17 s	"	"
"	"	"	18	−4.6 M	26 s	"	"
"	"	"	19.8	−6.4 M	10 M	760913	
NGC 7538 S OH	23 11 34	+61 10 40	57	870 J	30 s	790511	
S 158G	23 11 34	+61 12	18.65	S	26 s	821102	ED
"	"	"	18.71	9 X	26 s	"	"
"	"	"	33.3	S	26 s	"	"
"	"	"	33.47	7 XU	26 s	"	"
NGC 7538 IRS3	23 11 34.9	+61 11 52	8	S	5 s	760603	
"	23 11 35.0	+61 11 51	10	9 J	3.5 s	820102	
"	"	"	20	60 J	3.5 s	"	
NGC 7538 S	23 11 36	+61 10 30	30	500 JU	40 s	790803	
"	"	"	57	870 J	30 s	"	
"	"	"	100	2100 J	55 s	"	
"	"	"	1000	20 J	55 s	"	

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
NGC 7538 N	23 11 36	+61 11 55	30	2300 J	40 s	"	
"	"	"	50	6700 J	40 s	"	
"	"	"	100	11000 J	55 s	"	
"	"	"	1000	30 J	55 s	"	
NGC 7538 (2)	23 11 36.4	+61 12 01	18	.0075 EU	1.0 M	810208	
NGC 7538 IRS1	23 11 36.5	+61 11 50	8.7	67 J	7.5 s	790803	
"	"	"	11.2	47 J	7.5 s	"	
"	"	"	12.5	149 J	7.5 s	"	
"	"	"	20.0	250 J	6 s	"	
"	"	"	25.0	640 J	6 s	"	
NGC 7538 C	23 11 36.6	+61 11 48	1230	39.8 JU	-	760601	
NGC 7538 IRS1	23 11 36.7	+61 11 48	5	60 J	3.5 s	820102	
"	"	"	10	100 J	3.5 s	"	
"	"	"	20	160 J	3.5 s	"	
NGC 7538 IRS2	23 11 36.8	+61 11 56	10	90 J	3.5 s	"	
"	"	"	20	520 J	3.5 s	"	
NGC 7538 IRS1	23 11 36.8	+61 11 58	8	S	V	760603	
"	"	"	12.8	4.4 XU	V	"	
NGC 7538	23 11 36.8	+61 12 19	119	8.6 XU	60 s	810705	
"	"	"	124.2	5.0 XU	60 s	"	
NGC 7538 N	23 11 36.9	+61 12 00	22	1900 J	50 s	790511	
"	"	"	38	6100 J	50 s	"	
"	"	"	54	5900 J	50 s	"	
"	"	"	57	6600 J	30 s	"	
"	"	"	58	8000 J	50 s	"	
"	"	"	85	8000 J	30 s	"	
"	"	"	87	9000 J	50 s	"	
"	"	"	149	7000 J	50 s	"	
NGC 7538 IRS2	23 11 37	+61 11 50	88.4	20 XU	75 s	791008	
"	23 11 37.0	+61 11 58	6.99	13 X	27 s	811104	760603
"	"	"	8	S	5 s	760603	
"	"	"	8.99	1.5 X	11 s	811104	760603
"	"	"	9.04	1.1 X	5 s	760603	
"	"	"	10.51	3.9 XU	11 s	811104	760603
"	"	"	10.6	1.3 X	5 s	760603	
"	"	"	12.8	9.0 X	5 s	"	
"	"	"	12.81	20 X	11 s	811104	760603
"	"	"	18.71	5.8 X	30 s	"	"
"	"	"	88.4	40 XU	1.5 M	780807	740203
NGC 7538 E	23 11 52.8	+61 10 58	39	1200 J	50 s	790511	
"	"	"	57	1600 J	30 s	"	
"	"	"	57	1600 J	50 s	"	
"	"	"	85	1500 J	50 s	"	
"	"	"	147	1400 J	50 s	"	
NGC 7538 IRS9	23 11 52.8	+61 10 59	8.7	41 J	9 s	790803	
"	"	"	9.5	19 J	9 s	"	
"	"	"	11.2	44 J	9 s	"	
"	"	"	12.5	74 J	9 s	"	
"	"	"	20.0	124 J	6 s	"	
"	"	"	25.0	260 J	6 s	"	
NGC 7538 E	23 11 53	+61 10 40	30	500 J	40 s	"	
"	"	"	50	1300 J	40 s	"	
"	"	"	100	2700 J	55 s	"	
"	"	"	1000	5 J	55 s	"	
AFGL 5745S	23 11 54	+29 08 54	11.0	−1.1 M	10 M	770706	
NGC 7538 1'W	23 11 58	+61 13	51.8	84 X	1 M	811107	ED
NGC 7538	23 12 02	+61 13	51.8	190 X	1 M	"	RNGC
NGC 7538 1'N	23 12 02	+61 14	51.8	89 X	1 M	"	ED
NGC 7538 D	23 12 13	+61 13 54	1230	24.6 JU	-	760601	
AFGL 3051	23 12 16	+40 30 48	8.6	1.0 M	26 s	800213	AFGL
"	"	"	11.0	−1.5 M	10 M	760913	
"	"	"	12.2	−0.2 M	26 s	800213	AFGL
NGC 7538 E	23 12 53	+61 18 54	1230	26.0 JU	-	760601	
HD 219460	23 13 01.9	+60 10 38	10.0	5.39 M	11 s	740907	CSI 79
AFGL 3053	23 13 20	+60 50 06	11.0	−1.4 M	10 M	760913	
"	"	"	19.8	−4.1 M	10 M	"	
AFGL 3053.1	-	-	8.4	1.4 MV	17 s	800213	ED
"	-	-	11.2	0.5 MV	17 s	"	"
"	-	-	12.5	−0.1 MV	17 s	"	"
AFGL 3053.2	-	-	8.6	2.0 MU	26 s	"	"
S 159A	23 13 22.8	+60 50 24	8.4	8.9 J	11 s	771009	739902
"	"	"	10	11 J	11 s	"	"
"	"	"	11.6	11 J	11 s	"	"
"	"	"	11.6	20 J	60 s	"	"
"	"	"	12.6	16 J	11 s	"	"
"	"	"	20	200 J	11 s	"	"
S 159	23 13 23	+60 50 36	1230	33.0 JU	-	760601	
NGC 7552	23 13 25	−42 51 24	7.8	−17.0 RE	13 s	820901	819917
"	"	"	8.6	−17.3 RE	13 s	"	"
"	"	"	9.6	−17.8 RE	13 s	"	"
"	"	"	10	−17.3 RE	13 s	"	"
"	"	"	10.4	−17.6 RE	13 s	"	"
"	"	"	10.6	4.0 M	17 s	740701	"
"	"	"	11.4	−17.5 RE	13 s	820901	"
"	"	"	12.4	−17.5 RE	13 s	"	"
"	"	"	20	−17.5 RE	13 s	"	"
"	"	"	540	11 JU	83 s	770901	"
AFGL 3056	23 13 51	+62 04 00	8.6	0.0 M	26 s	800213	AFGL
"	"	"	10.7	−1.5 M	26 s	"	"
"	"	"	11.0	−0.7 M	10 M	760913	
"	"	"	12.2	−1.4 M	26 s	800213	AFGL
AFGL 3057	23 13 53	+59 45 42	11.0	−0.3 M	10 M	760913	
"	"	"	19.8	−3.3 M	10 M	"	
WU 2314–08.9	23 14	− 8 54	280	7E6 X	1 D	741104	ED
AFGL 3059	23 14 15	+10 18 18	11.0	−1.1 M	10 M	760913	
AFGL 3058	23 14 17	− 8 01 18	11.0	−0.5 M	10 M	"	
AFGL 5748S	23 14 29	+29 35 36	19.8	−3.8 M	10 M	770706	
AFGL 3061	23 14 34	+60 09 36	8.6	1.5 M	26 s	800213	AFGL
"	"	"	10.7	−0.3 M	26 s	"	"
"	"	"	11.0	−1.0 M	10 M	760913	
"	"	"	12.2	−0.3 M	26 s	800213	AFGL
AFGL 3063S	23 14 38	+32 00 06	19.8	−3.8 M	10 M	770706	
MWC1080 40"S	23 15 10	+60 34	52	50 J	37 s	790702	ED
"	"	"	100	23 J	37 s	"	"
MWC 1080	23 15 10	+60 35	8	S	-	800509	MWC
"	"	"	8.4	1.34 MV	12 s	760107	"
"	"	"	8.5	1.12 M	-	800509	"
"	"	"	8.6	1.1 M	11 s	741108	"
"	"	"	8.6	1.3 M	26 s	730006	"
"	"	"	10	0.88 M	-	730503	"
"	"	"	10.8	1.45 M	26 s	730006	"
"	"	"	11.1	0.81 MV	12 s	760107	"
"	"	"	11.1	0.92 M	-	800509	"
"	"	"	11.3	0.7 M	11 s	741108	"
"	"	"	12.3	0.68 M	-	800509	"
"	"	"	18	−0.3 M	11 s	741108	"
"	"	"	52	87 J	37 s	790702	"
"	"	"	100	118 J	37 s	"	"

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
"	h m s	° ′ ″	160	97 J	37 s	"	"
MWC1080 20"S	"	"	52	87 J	37 s	"	ED
"	"	"	100	82 J	37 s	"	"
MWC1080 40"N	23 15 10	+60 36	52	−8 J	37 s	"	ED
"	"	"	100	50 J	37 s	"	"
AFGL 3065	23 15 21	+48 44 12	11.0	−0.6 M	10 M	760913	
NGC 7582	23 15 38.3	−42 38 39	7.8	−17.3 RE	8.2 s	820901	730018
"	"	"	8.6	−17.5 RE	8.2 s	"	"
"	"	"	9.4	4.81 M	3.5 s	820311	"
"	"	"	9.6	−18.0 RE	8.2 s	820901	"
"	"	"	10	−17.6 RE	8.2 s	"	"
"	"	"	10.3	4.21 M	3.5 s	820311	"
"	"	"	10.4	−17.9 RE	8.2 s	820901	"
"	"	"	11.4	−17.8 RE	8.2 s	"	"
"	"	"	12.0	3.89 M	3.5 s	820311	"
"	"	"	12.4	−17.7 RE	8.2 s	820901	"
"	"	"	20	−17.7 RE	8.2 s	"	"
NGC 7603	23 16 22.6	− 0 01 39	10.6	0.077 J	−	781209	769909
AFGL 3068	23 16 41	+16 54 36	7.9	−2.3 M	8.5 s	800213	AFGL
"	"	"	8.4	−2.5 M	8.5 s	"	"
"	"	"	8.4	−2.5 M	17 s	"	"
"	"	"	8.5	−2.2 M	8.5 s	"	"
"	"	"	8.6	−2.8 MV	26 s	"	"
"	"	"	10.55	−3.0 M	8.5 s	"	"
"	"	"	10.7	−3.3 MV	26 s	"	"
"	"	"	11.0	−3.3 M	10 M	760913	
"	"	"	11.2	−3.3 M	8.5 s	800213	AFGL
"	"	"	11.2	−3.3 M	17 s	"	"
"	"	"	12.2	−3.8 MV	26 s	"	"
"	"	"	12.5	−3.7 M	8.5 s	"	"
"	"	"	12.5	−3.7 M	17 s	"	"
"	"	"	12.52	−3.5 M	8.5 s	"	"
"	"	"	18	−4.9 MV	26 s	"	"
"	"	"	19.8	−5.0 M	10 M	760913	
CRL 3068	23 16 42.6	+16 55 07	5.0	1.5 MV	5 s	770802	
"	"	"	8.4	−2.2 MV	5 s	"	
"	"	"	8.8	−2.4 MV	5 s	"	
"	"	"	10.4	−3.0 MV	5 s	"	
"	"	"	11.6	−3.3 MV	5 s	"	
"	"	"	12.6	−3.6 MV	5 s	"	
AFGL 3068	23 16 43.1	+16 55 05	8	S	8 s	781103	760605
CRL 3068	"	"	10.6	430 J	−	760605	
AFGL 3068	"	"	16	S	30 s	810806	760605
AFGL 5751S	23 16 52	+67 51 24	11.0	−0.9 M	10 M	770706	
AFGL 3070S	23 16 53	+56 55 36	19.8	−3.5 M	10 M	"	
W PEG	23 17 15.2	+26 00 21	5.0	−14.4 R	−	740401	CSI 79
"	"	"	10.2	−15.1 R	−	"	"
"	"	"	20	−2.5 M	14 s	760901	"
AFGL 3075	23 17 25	+26 00 00	8.6	−1.0 M	26 s	800213	AFGL
"	"	"	10.7	−1.7 M	26 s	"	"
"	"	"	11.0	−2.2 M	10 M	760913	
"	"	"	12.2	−1.6 M	26 s	800213	AFGL
"	"	"	19.8	−3.6 M	10 M	760913	
AFGL 5752S	23 17 25	+41 49 06	11.0	−1.1 M	10 M	770706	
AFGL 3079	23 18 25	+60 53 42	10.7	0.4 M	26 s	800213	AFGL
"	"	"	11.0	−0.1 M	10 M	760913	
"	"	"	19.8	−4.1 M	10 M	"	
NGC 7635	23 18 26.9	+60 55 13	50	170 J	35 s	821012	ED
"	"	"	100	78 J	35 s	"	"
S 162A1	23 18 30	+60 55	11.6	38 J	60 s	771009	599901
BD+60 2522	23 18 31.7	+60 55 13	10	3.7 M	11 s	731002	CSI 79
"	"	"	18	0.3 M	11 s	"	"
EI PEG	23 19 14.6	+12 19 16	8.6	2.8 M	−	721203	CSI 79
"	"	"	11.3	2.9 M	−	"	"
AFGL 5758S	23 19 44	+25 33 54	11.0	−0.9 M	10 M	770706	
AFGL 5759S	23 19 49	−59 16 00	11.0	−1.8 M	10 M	"	
AFGL 3083	23 20 06	−11 07 24	11.0	−0.7 M	10 M	760913	
AFGL 5760S	23 20 11	+28 28 00	11.0	−0.7 M	10 M	770706	
AFGL 3085	23 20 12	+59 01 54	11.0	−1.0 M	10 M	760913	
AFGL 5761S	23 20 13	+26 41 30	11.0	−1.4 M	10 M	770706	
AFGL 3087	23 20 16	+59 50 30	11.0	−0.5 M	10 M	760913	
VY 2-3	23 20 24	+46 38	10	4.1 MU	11 s	741009	P−K
CAS A	23 20 56	+58 32 12	200	33 J	1.8 M	800903	
"	23 21	+58 32	105	2500 JU	5 M	740908	ED
CAS A KB42	23 21	+58 33	10	0.030 J	6 s	820408	ED
CAS A #A	23 21 05	+58 34 06	1230	24.4 JU	−	760601	
CAS A #B	23 21 07	+58 32 48	1230	24.4 JU	−	"	
CAS A KB61	23 21 09.3	+58 33 53	10	0.040 J	6 s	820408	ED
CAS A	23 21 10	+58 31 18	100	−5 J	1.8 M	800903	
"	"	"	200	15 J	1.8 M	"	
"	23 21 10	+58 33 54	100	37 J	1.8 M	"	
CAS A #C	23 21 15	+58 31 06	1230	27.0 JU	−	760601	
AFGL 3088	23 21 16	+39 26 18	11.0	−1.0 M	10 M	760913	
AFGL 4296	23 21 23	−45 21 42	11.0	−2.2 M	10 M	"	
"	"	"	19.8	−3.5 M	10 M	"	
CAS A #D	23 21 40	+58 31 06	1230	22.6 JU	−	760601	
AFGL 3091	23 22 18	+62 00 54	11.0	−0.3 M	10 M	760913	
AFGL 3092S	23 23 14	−11 27 06	11.0	−1.0 M	10 M	770706	
AFGL 3093	23 23 18	−20 56 54	11.0	−1.3 M	10 M	760913	
NGC 7662	23 23 30	+42 16	8.9	5 XU	6 s	710207	RNGC
"	"	"	10	4.65 M	11 s	741009	"
"	"	"	10.5	1.5 XU	6 s	700903	"
"	"	"	10.5	2 XU	6 s	710207	"
"	"	"	10.5	2300 G	6 s	811008	"
"	"	"	10.5	30 J	22 s	720301	"
"	"	"	10.5	9 X	−	"	"
"	"	"	11	2.9 M	11 s	741009	"
"	"	"	11	2.5 J	11 s	720301	"
"	"	"	11	2.1 M	22 s	741009	"
"	"	"	11	5.0 J	22 s	720301	"
"	"	"	11	3.0 J	−	"	"
"	"	"	11.5	12 JU	26 s	690705	"
"	"	"	12.8	10 XU	6 s	710207	"
"	"	"	12.8	100 GU	6 s	811008	"
"	"	"	18	1.1 M	11 s	741009	"
"	"	"	37	33 J	27 s	800604	"
"	"	"	52	91 J	55 s	"	"
"	"	"	70	21 J	27 s	"	"
"	"	"	108	22 J	55 s	"	"
NGC7662 6"NE	−	−	10.5	2400 G	6 s	811008	"
NGC7662 6"NW	−	−	10.5	2000 G	6 s	"	"
AFGL 5768S	23 23 37	+27 33 30	19.8	−3.7 M	10 M	770706	
L1262	23 23 47	+74 01 30	235	100 W	2.2 M	810408	
HB 12	23 23 57	+57 54 24	8	S	9 s	791104	709904
"	"	"	8	S	5.9 s	820715	"
"	"	"	8.6	1.2 M	−	741009	"
"	"	"	8.6	1.2 M	−	740708	"
"	"	"	8.99	2.4 XU	9 s	791104	"
"	"	"	10	0.7 M	−	741009	"
MWC1080 20"S	"	"	10.5	1.4 XU	9 s	791104	"
"	"	"	10.8	0.6 M	−	741009	"
MWC1080 40"N	"	"	11.3	0.35 M	−	"	"
"	"	"	11.3	0.3 M	−	740708	"
AFGL 3065	"	"	12.8	1.4 XU	9 s	791104	"
NGC 7582	"	"	12.8	0.45 M	−	741009	"
"	"	"	18	−1.6 M	−	740708	"
"	"	"	18	−1.5 M	−	741009	"
"	"	"	20	−2.0 M	14 s	760901	"
"	"	"	22	−1.5 M	−	741009	"
"	"	"	8.7	0.72 MV	−	780408	
"	"	"	10	0.46 MV	−	"	
"	"	"	11.4	0.22 MV	−	"	
"	"	"	12.6	−0.47 MV	−	"	
"	"	"	19.5	−1.06 MV	−	"	
AFGL 3099	23 25 45	+10 38 24	7.9	−1.9 M	8.5 s	800213	AFGL
"	"	"	8.5	−1.9 M	8.5 s	"	"
"	"	"	8.6	−0.7 MV	26 s	"	"
"	"	"	10.55	−2.4 M	8.5 s	"	"
"	"	"	10.7	−2.0 MV	26 s	"	"
"	"	"	11.0	−2.0 M	10 M	760913	
"	"	"	12.2	−2.2 MV	26 s	800213	AFGL
"	"	"	12.52	−2.7 M	8.5 s	"	"
"	"	"	19.8	−3.8 M	10 M	760913	
CRL 3099	23 25 45.0	+10 38 14	5.0	220 J	−	760605	
"	"	"	8.4	230 J	−	"	
"	"	"	8.8	220 J	−	"	
"	"	"	10.4	230 J	−	"	
"	"	"	10.6	210 J	−	"	
"	"	"	11.6	140 J	−	"	
PEG(A2326)	23 26	+14	1670	10.5 JU	1 M	761201	ED
AFGL 3104	23 26 54	+51 26 30	11.0	−0.4 M	10 M	760913	
AFGL 3109	23 27 51	+60 00 00	11.0	−1.8 M	10 M	"	
"	"	"	19.8	−3.9 M	10 M	"	
V358 CAS	23 28 00.9	+57 42 42	20	−2.2 M	14 s	760901	CSI 79
AFGL 3110	23 28 16	+57 42 18	11.0	−1.5 M	10 M	760913	
AFGL 4299	23 28 53	+59 57 00	11.0	−1.6 M	10 M	"	
EQ PEG	23 29 18.9	+19 39 43	8.7	4.66 C	10 s	741205	CSI 79
NORTHERN SPUR	23 30	+63 36	670	42000 J	1.6 D	790809	
"	"	"	1250	20000 J	1.6 D	"	
AFGL 3112	23 30 21	+45 51 06	11.0	−1.0 M	10 M	760913	
"	"	"	19.8	−4.5 M	10 M	"	
AFGL 3113	23 30 49	+22 13 30	11.0	−1.2 M	10 M	"	
IRC+10537	23 31 15	+ 6 01 24	10.7	0.5 M	−	740705	IRC
Z AND	23 31 15.4	+48 32 32	5.0	5.07 M	−	700302	779907
"	"	"	10	4.00 MV	−	811111	"
"	"	"	10.2	5.13 M	−	700302	"
"	"	"	11.3	4.1 M	−	731004	"
"	"	"	11.5	12 JU	26 s	690705	"
"	"	"	18	1.0 M	−	731004	"
"	"	"	22	1.3 M	−	"	"
AFGL 3115	23 31 29	+20 34 06	11.0	−1.3 M	10 M	760913	
AFGL 3116	23 31 59	+43 15 54	7.9	−2.6 M	8.5 s	800213	AFGL
"	"	"	8.4	−3.4 MV	17 s	"	"
"	"	"	8.5	−2.8 M	8.5 s	"	"
"	"	"	8.6	−2.5 M	8.5 s	"	"
"	"	"	8.6	−3.0 MV	26 s	"	"
"	"	"	10.55	−3.3 M	8.5 s	"	"
"	"	"	10.6	−3.2 MV	26 s	"	"
"	"	"	10.7	−3.0 M	8.5 s	"	"
"	"	"	10.7	−3.6 MV	26 s	"	"
"	"	"	11.0	−3.5 M	10 M	760913	
"	"	"	11.2	−4.0 MV	17 s	800213	AFGL
"	"	"	12.2	−3.3 M	8.5 s	"	"
"	"	"	12.2	−3.8 MV	26 s	"	"
"	"	"	12.5	−4.0 MV	17 s	"	"
"	"	"	12.52	−3.5 M	8.5 s	"	"
"	"	"	18	−3.9 M	8.5 s	"	"
"	"	"	18	−3.8 MV	26 s	"	"
"	"	"	19.8	−4.6 M	10 M	760913	
IRC+40540	23 32 01	+43 16 30	8.4	−3.0 CV	−	760610	IRC
"	"	"	8.6	−3.2 M	−	740705	"
"	"	"	10	−3.2 M	−	"	"
"	"	"	10.7	−3.8 M	−	"	"
"	"	"	11.2	−3.6 CV	−	760610	"
"	"	"	12.2	−4.0 M	−	740705	"
"	"	"	12.5	−3.6 CV	−	760610	"
"	"	"	16	S	30 s	810806	"
"	"	"	20	−4.73 M	−	741002	"
AFGL 3119	23 32 33	+ 2 49 54	19.8	−4.4 M	10 M	760913	
HD 221861	23 32 47.9	+71 21 55	8.7	1.63 M	−	741105	CSI 79
"	"	"	10.0	1.70 M	−	"	"
"	"	"	11.4	1.71 M	−	"	"
"	"	"	11.4	2.01 M	−	"	"
NGC 7714	23 33 40.5	+ 1 52 46	5	2 J	V	700306	769909
"	"	"	10	0.3 J	V	"	"
"	"	"	10	0.25 J	6 s	720901	"
AFGL 5778S	23 33 51	−69 54 42	11.0	−1.7 M	10 M	770706	
AFGL 5780S	23 35 06	+71 05 48	11.0	−1.3 M	10 M	"	
"	"	"	19.8	−3.5 M	10 M	"	
BM AND	23 35 13	+48 07 36	8.4	3.6 M	11 s	730005	GCVS
"	"	"	11.0	3.2 M	11 s	"	"
"	"	"	11.1	5.43 MV	12 s	760107	"
AFGL 3125	23 36 36	+51 58 24	11.0	−1.7 M	10 M	760913	
"	"	"	19.8	−3.4 M	10 M	"	
IRC+30515	23 36 53	+32 03 12	5.0	−14.9 R	−	740401	IRC
"	"	"	10.2	−15.8 R	−	"	"
AFGL 3126	23 37 01	+32 03 24	11.0	−1.2 M	10 M	760913	
AFGL 3127	23 37 10	+77 20 24	11.0	−0.7 M	10 M	"	
WU 2338-15.4	23 38	−15 24	280	4E6 X	1 D	741104	ED
IRC+40542	23 38 13	+44 31 36	10.7	0.5 M	−	740705	IRC
AFGL 4300	23 38 30	+44 32 48	10.7	0.5 MU	26 s	800213	AFGL
AFGL 3136	23 41 10	−15 34 24	8.4	−2.8 M	17 s	"	AFGL
"	"	"	11.0	−3.8 M	10 M	760913	
"	"	"	11.2	−3.4 M	17 s	800213	AFGL
"	"	"	12.5	−3.3 M	17 s	"	"
"	"	"	19.8	−4.4 M	10 M	760913	
R AQR	23 41 14.1	−15 33 40	5.0	−2.24 M	−	700302	CSI 79
"	"	"	8	S	−	690101	"
"	"	"	8	S	−	760609	"
"	"	"	8.1	765 J	15 s	800510	"
"	"	"	9.57	879 J	15 s	"	"
"	"	"	10	994 J	15 s	"	"
"	"	"	10.2	−3.62 M	−	700302	"
"	"	"	11	−4.43 M	−	710403	"
"	"	"	11.5	1860 JV	26 s	690705	"
"	"	"	12.2	623 J	15 s	800510	"

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
"	h m s	° ′ ″	20	−4.26 M	9 s	731104	"
"	"	"	20	−4.30 M	10 s	721002	"
"	"	"	20	424 J	15 s	800510	"
"	"	"	22.0	−3.00 M	–	700302	"
"	"	"	30	174 J	15 s	800510	"
AFGL 5784S	23 41 22	+ 0 04 18	10.7	1.3 MU	26 s	800213	770706
IRC 00531	23 41 29	+ 0 06 06	10.7	1.3 M	–	740705	IRC
PZ CAS	23 41 38.9	+61 30 44	16	S	30 s	791015	779907
"	"	"	20	3.3 FV	30 s	"	"
"	"	"	20	−4.18 M	–	821005	"
"	"	"	20	−4.04 M	–	741002	"
"	"	"	25	−4.49 M	–	821005	"
"	"	"	33	−5.15 M	–	"	"
AFGL 3138	23 41 40	+61 30 06	8.6	−1.8 M	26 s	800213	AFGL
"	"	"	10.7	−2.9 M	26 s	"	"
"	"	"	11.0	−2.6 M	10 M	760913	
"	"	"	12.2	−2.9 M	26 s	800213	AFGL
"	"	"	18	−4.2 M	26 s	"	"
"	"	"	19.8	−3.9 M	10 M	760913	
AFGL 3140	23 42 03	+41 47 06	11.0	−0.9 M	10 M	"	
AFGL 3141	23 42 10	+56 17 24	11.0	−0.8 M	10 M	"	
AFGL 3140	23 42 10.6	+41 46 52	8.4	1.62 M	17 s	790401	
"	"	"	11.2	1.26 M	17 s	"	
"	"	"	12.5	1.16 M	17 s	"	
AFGL 3142S	23 42 15	+56 57 24	11.0	−0.6 M	10 M	770706	
AFGL 3143	23 42 32	+43 38 48	8.4	0.01 M	17 s	790401	
"	"	"	11.2	−1.19 M	17 s	"	
"	"	"	12.5	−1.01 M	17 s	"	
"	23 42 33	+43 38 12	8.6	−0.7 MV	26 s	800213	AFGL
"	"	"	10.7	−1.6 MV	26 s	"	"
"	"	"	11.0	−1.4 M	10 M	760913	
"	"	"	12.2	−1.6 MV	26 s	800213	AFGL
IRC+40545	23 42 34	+43 38 30	5.0	0.93 M	–	700302	IRC
CIT 14	23 42 36	+43 39	8.6	−0.7 MV	20 s	741201	661001
"	"	"	10.7	−1.6 MV	20 s	"	"
"	"	"	12.2	−1.6 MV	20 s	"	"
AFGL 3147	23 43 48	+ 3 11 18	8.4	−1.0 M	11 s	800213	AFGL
"	"	"	11.0	−1.7 M	10 M	760913	
"	"	"	11.2	−1.3 M	11 s	800213	AFGL
TX PSC	23 43 50.0	+ 3 12 32	8.4	6.39 F	–	761005	CSI 79
"	"	"	8.4	−1.04 C	–	710405	"
"	"	"	8.4	−1.04 C	–	710203	"
"	"	"	8.6	6.61 F	–	761005	"
"	"	"	8.6	−1.1 M	–	721103	"
"	"	"	10.8	3.12 F	–	761005	"
"	"	"	10.8	−1.7 M	–	721103	"
"	"	"	11	−1.37 M	–	710403	"
"	"	"	11.0	−1.26 C	–	710405	"
"	"	"	11.0	2.75 F	–	761005	"
"	"	"	11.0	−1.26 C	–	710203	"
"	"	"	12.2	2.19 F	–	761005	"
"	"	"	12.2	−1.3 M	–	721103	"
"	"	"	20	−1.6 M	14 s	760901	"
AFGL 3148	23 43 54	+54 13 00	11.0	−0.9 M	10 M	760913	
AFGL 3150	23 44 28	+28 09 48	11.0	−1.0 M	10 M	"	
AFGL 3154	23 45 02	+68 17 36	10.7	1.1 M	26 s	800213	AFGL
"	"	"	11.0	−1.5 M	10 M	760913	
"	"	"	12.2	0.6 M	26 s	800213	AFGL
"	"	"	19.8	−3.9 M	10 M	760913	
HD 223385	23 46 23.2	+61 56 10	8.7	2.93 M	–	780704	CSI 79
6 CAS	"	"	8.7	2.98 M	–	741105	"
"	"	"	10.0	2.99 M	–	"	"
"	"	"	11.4	2.89 M	–	"	"
AFGL 5786S	23 46 32	+68 25 36	11.0	−1.4 M	10 M	770706	
AFGL 3156S	23 46 40	+76 39 18	11.0	−0.7 M	10 M	"	
AFGL 3161S	23 48 45	+26 53 24	11.0	−1.2 M	10 M	"	
AFGL 4303	23 48 59	+62 44 48	11.0	−1.0 M	10 M	760913	
AFGL 3165	23 49 35	+61 31 36	8.6	−1.4 MV	26 s	800213	AFGL
"	"	"	10.7	−2.4 MV	26 s	"	"
"	"	"	11.0	−2.3 M	10 M	760913	
"	"	"	12.2	−2.1 MV	26 s	800213	AFGL
"	"	"	18	−2.5 MV	26 s	"	"
"	"	"	19.8	−3.7 M	10 M	760913	
IRC+60427	23 49 39	+61 32 06	8.6	−1.9 M	–	740705	IRC
"	"	"	10	−1.9 M	–	"	"
"	"	"	10.7	−2.9 M	–	"	"
"	"	"	12.2	−2.2 M	–	"	"
IRC+70202	23 49 41	+66 18 24	10.7	0.7 M	–	"	IRC
AFGL 3168	23 50 19	+60 42 30	8.6	0.6 M	26 s	800213	AFGL
"	"	"	10.7	−0.5 M	26 s	"	"
"	"	"	11.0	−1.4 M	10 M	760913	
"	"	"	12.2	−0.5 M	26 s	800213	AFGL
EQ CAS	23 50 23	+54 44 05	11.3	4.1 MU	–	721203	GCVS
TZ CAS	23 50 26.9	+60 43 27	8.5	0.6 M	–	700907	779907
"	"	"	11.4	−1.2 M	–	"	"
AFGL 3170	23 50 44	+66 16 24	10.7	0.7 MU	26 s	800213	AFGL
FIRSSE 296	23 51 01	+75 50 18	93	29 J	10 M	830201	
HD 223960	23 51 20.1	+60 34 31	8.7	4.37 M	–	741105	CSI 79
"	"	"	8.7	4.37 M	–	780704	"
"	"	"	10	4.12 M	–	"	"
"	"	"	10.0	4.12 M	–	741105	"
"	"	"	11.4	4.35 M	–	780704	"
"	"	"	11.4	4.35 M	–	741105	"
RHO CAS	23 51 52.4	+57 13 16	8.4	−25.1 L	–	701003	779907
"	"	"	8.7	1.63 M	–	741105	"
"	"	"	10.0	1.62 M	–	"	"
"	"	"	11.0	−25.2 L	–	701003	"
"	"	"	11.4	1.76 M	–	741105	"
"	"	"	12.6	1.77 M	–	"	"
AFGL 3176	23 52 48	+48 21 54	11.0	−1.4 M	10 M	760913	
M2-56	23 54 06.6	+70 31 31	8	S	10 s	820715	819914
"	"	"	8.6	−0.4 M	4 s	741009	"
"	"	"	10	−0.75 M	4 s	"	"
"	"	"	11.3	−0.7 M	4 s	"	"
"	"	"	18	−2.15 M	4 s	"	"
AFGL 5796S	23 54 09	+26 04 36	11.0	−2.0 M	10 M	770706	
AFGL 3181	23 54 16	+70 30 48	11.0	−1.2 M	10 M	760913	
AFGL 3186	23 55 11	+24 51 00	11.0	−0.5 M	10 M	"	
NGC 7793	23 55 15.0	−32 52 06	10	0.064 JU	5.7 s	780305	821013
"	"	"	10.6	4.8 M	17 s	740701	"
AFGL 3187	23 55 37	+56 12 24	11.0	−0.8 M	10 M	760913	
R CAS	23 55 50.0	+51 07 01	5.0	−13.6 RV	–	740401	779907
"	"	"	8.4	−3.06 C	–	710203	"
"	"	"	8.4	−3.55 CV	–	750104	"
"	"	"	10.1	−4.6 C	–	721001	"
"	"	"	10.2	−14.3 RV	–	740401	"
"	"	"	11	−4.49 CV	–	750104	"
"	"	"	11	−4.08 M	–	710403	"

NAME	RA (1950)	DEC	λ(μm)	FLUX	BEAM	BIBLIO	POS REF
"	h m s	° ′ ″	11.0	−4.10 C	–	710203	"
"	"	"	16	S	30 s	791015	"
"	"	"	20	−5.19 M	9 s	731104	"
"	"	"	20	6.8 F	30 s	791015	"
"	"	"	20	−4.85 M	–	821005	"
"	"	"	25	−5.09 M	–	"	"
AFGL 3188	23 55 59	+51 05 54	8.4	−3.1 M	11 s	800213	AFGL
"	"	"	8.4	−3.9 M	17 s	"	"
"	"	"	8.6	−4.2 M	26 s	"	"
"	"	"	10.7	−5.0 M	26 s	"	"
"	"	"	11.0	−4.2 M	10 M	760913	
"	"	"	11.2	−4.1 M	11 s	800213	AFGL
"	"	"	11.2	−4.7 MV	17 s	"	"
"	"	"	12.2	−5.0 M	26 s	"	"
"	"	"	12.5	−4.6 M	17 s	"	"
"	"	"	18	−5.2 M	26 s	"	"
"	"	"	19.8	−4.8 M	10 M	760913	
LKHA 259	23 56 10	+66 09 30	10	4.9 M	11 s	741108	729902
"	"	"	18	1.7 M	11 s	"	"
AFGL 3189	23 56 11	−39 42 54	11.0	−2.7 M	10 M	760913	
"	"	"	19.8	−3.9 M	10 M	"	
MACC H5	23 56 48	+66 06 30	10	5.26 M	–	761203	729902
WU 2357+04.8	23 57	+ 4 48	280	1.2E7 X	1 D	741104	ED
AFGL 3193	23 57 17	+67 04 24	11.0	−0.8 M	10 M	760913	
"	"	"	19.8	−2.1 M	10 M	"	
AFGL 4304	23 57 18	−51 47 12	11.0	−1.7 M	10 M	"	
"	"	"	19.8	−2.9 M	10 M	"	
Z PEG	23 57 32.7	+25 37 41	5.0	−15.0 R	–	740401	CSI 79
"	"	"	10.2	−15.8 R	–	"	"
AFGL 3194	23 57 35	+25 35 54	11.0	−0.3 M	10 M	760913	
"	"	"	19.8	−3.4 M	10 M	"	
AFGL 3196	23 58 30	+60 04 12	8.4	0.2 M	11 s	800213	AFGL
"	"	"	11.0	−0.9 M	10 M	760913	
"	"	"	11.2	−0.0 M	11 s	800213	AFGL
"	23 58 41.9	+60 04 37	8.4	0.00 M	17 s	790401	
"	"	"	11.2	−0.16 M	17 s	"	
"	"	"	12.5	−0.03 M	17 s	"	
WZ CAS	23 58 42.1	+60 04 38	8.4	0.23 C	–	710203	779907
"	"	"	8.4	2.35 F	–	761005	"
"	"	"	11.0	−0.04 C	–	710203	"
"	"	"	11.0	1.06 F	–	761005	"
WOLF-LN/A2359	23 59	−15	1670	7.0 JU	1 M	761201	ED
AFGL 5800S	23 59 03	−51 40 18	11.0	−1.8 M	10 M	770706	
AFGL 4305	23 59 15	+67 07 18	11.0	−1.0 M	10 M	760913	
"	"	"	19.8	−3.3 M	10 M	"	
30 PSC	23 59 23.7	− 6 17 30	10	−0.40 C	–	670801	CSI 79
"	"	"	10.2	−0.36 M	–	700302	"
AFGL 3197	23 59 28	− 6 16 24	11.0	−1.0 M	10 M	760913	
B 382			1570	22 JU	1 M	761201	
BRUN 21			10.0	5.40 MU	–	810906	
BRUN 29			10.0	4.73 MU	–	"	
BRUN 70			10.0	5.25 MU	–	"	
BRUN 224			10.0	4.66 M	–	"	
BRUN 490			10.0	5.65 MU	–	"	
BRUN 497			10.0	5.76 M	–	"	
BRUN 510			10.0	6.59 MU	–	"	
BRUN 643			8.7	2.41 M	–	"	
"			10.0	2.24 M	–	"	
"			11.4	1.88 M	–	"	
"			12.6	1.46 M	–	"	
"			19.5	0.98 M	–	"	
BRUN 708			8.7	4.02 M	–	"	
"			10.0	3.75 M	–	"	
"			11.4	3.61 M	–	"	
BRUN 862			10.0	4.00 M	–	"	
BRUN 1037			10.0	5.22 MU	–	"	
BRUN 1050			10.0	5.05 MU	–	"	
BRUN 1117			10.0	5.00 MU	–	"	
VI CYG #1245			11.0	2.9 MU	11 s	730004	
VI CYG #1359			11.0	2.9 MU	11 s	"	
VI CYG 103			11.0	3.1 MU	11 s	"	
VI CYG 629			11.0	3.1 MU	11 s	"	
K4-49			10	2.9 M	–	740708	
"			18	1.9 MU	–	"	
PARSAMYAN 1			10	5.0 MU	11 s	741017	
"			11.3	4.0 MU	11 s	"	
PARSAMYAN 3			10	4.1 MU	11 s	"	
"			11.3	3.8 MU	11 s	"	
"			18	1.1 MU	11 s	"	
PARSAMYAN 4			10	4.6 MU	11 s	"	
"			11.3	3.4 MU	11 s	"	
PARSAMYAN 7			10	4.8 MU	11 s	"	
PARSAMYAN 8			10	4.4 MU	11 s	"	
"			11.3	3.8 MU	11 s	"	
"			18	0.8 MU	11 s	"	
PARSAMYAN 10			10	4.4 MU	11 s	"	
PARSAMYAN 11			10	3.9 MU	11 s	"	
"			11.3	2.4 MU	11 s	"	
PARSAMYAN 12			10	4.3 MU	11 s	"	
PARSAMYAN 14			10	4.0 MU	11 s	"	
PARSAMYAN 16			10	3.9 MU	11 s	"	
PARSAMYAN 19			10	4.1 MU	11 s	"	
PARSAMYAN 20			10	4.5 MU	11 s	"	
PARSAMYAN 23			10	4.7 MU	4 s	"	
SGR C			100	80 W	15 M	770612	
"			200	20 W	15 M	"	
SGR D			100	24 W	15 M	"	
"			200	11 W	15 M	"	
SGR E			100	25 W	15 M	"	
"			200	9 W	15 M	"	
SIMEIS 130			10	4.4 MU	–	740708	
STRAND 58			10.7	0.4 MU	–	730303	
"			18	−1.7 MU	–	"	

BIBLIOGRAPHIC DATA SHEET

1. Report No.	2. Government Accession No.	3. Recipient's Catalog No.
NASA RP-1119		

4. Title and Subtitle	5. Report Date
Far Infrared Supplement: Catalog of Infrared Observations	May 1984
	6. Performing Organization Code 693.2

7. Author(s)	8. Performing Organization Report No.
Daniel Y. Gezari, Marion Schmitz, and Jaylee M. Mead	

9. Performing Organization Name and Address	10. Work Unit No.
NASA Goddard Space Flight Center Greenbelt, MD 20771	11. Contract or Grant No.
	13. Type of Report and Period Covered Reference Publication
12. Sponsoring Agency Name and Address National Aeronautics and Space Administration Washington, DC 20546	14. Sponsoring Agency Code

15. Supplementary Notes

Marion Schmitz: Computer Sciences Corporation, Silver Spring, Maryland.

The companion paper is NASA RP-1118.

16. Abstract

The Far Infrared Supplement: Catalog of Infrared Observations summarizes all infrared astronomical observations at far infrared wavelengths (5 - 1000 microns) published in the scientific literature between 1965 and 1982. The Supplement list contains 25% of the observations in the full Catalog of infrared observations (C10), and essentially eliminates most visible stars from the listings. The Supplement is more compact than the main Catalog (it does not contain the bibliography and position index of the C10), and is intended for easy reference during astronomical observations.

17. Key Words (Selected by Author(s))	18. Distribution Statement
Infrared Catalog Infrared Sources Infrared Astronomy Astronomy data base	Unclassified - Unlimited Subject Category 89

19. Security Classif. (of this report)	20. Security Classif. (of this page)	21. No. of Pages	22. Price*
Unclassified	Unclassified	93	A05

*For sale by the National Technical Information Service, Springfield, Virginia 22161

NASA-Langley, 1984

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