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# A JWST transmission spectrum of the nearby Earth-sized exoplanet LHS 475 b

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## Supplementary Information

## White Light Curve Parameters

Parameter	Eureka!		FIREFLY		Tiberius	
$R_p/R_s$ [unitless]	0.032756	$+1.44 \times 10^{-4}$ $-1.44 \times 10^{-4}$	0.03257	$+1.40 \times 10^{-4}$ $-1.43 \times 10^{-4}$	0.031867	$+3.79 \times 10^{-4}$ $-3.79 \times 10^{-4}$
$T_0$ [BMJD <sub>TDB</sub> ]	59822.8762805	$+2.92 \times 10^{-5}$ $-2.91 \times 10^{-5}$	59822.8762593	$+2.62 \times 10^{-5}$ $-2.62 \times 10^{-5}$	59822.8762685	$+6.83 \times 10^{-5}$ $-6.83 \times 10^{-5}$
Period [days]	2.02908843	$+5.65 \times 10^{-6}$ $-5.66 \times 10^{-6}$	2.0290882	(Fixed)	2.0290882	(Fixed)
$a/R_s$ [unitless]	15.223	$+4.62 \times 10^{-1}$ $-4.37 \times 10^{-1}$	15.87235	$+4.88 \times 10^{-1}$ $-4.56 \times 10^{-1}$	21.76	$+1.91$ $-1.91$
$i$ [degrees]	86.991	$+1.41 \times 10^{-1}$ $-1.39 \times 10^{-1}$	87.194	$+1.41 \times 10^{-1}$ $-1.37 \times 10^{-1}$	88.609	$+5.02 \times 10^{-1}$ $-5.02 \times 10^{-1}$

**Supplementary Table 1** Best fit orbital parameters from white light curve fitting. We adopt the FIREFLY results as our system parameters. Eureka! and FIREFLY values are derived from joint fits to both white light curves. Tiberius parameters are derived from a weighted mean of fits to individual light curves.