



NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 10.6 μ m
2. FOCAL LENGTH: $f = -25.4 \text{ mm} \pm 1\%$
3. BACK FOCAL LENGTH(REF): $bf = -26.2 \text{ mm}$
4. CLEAR APERTURE: $> \text{Ø} 20.3 \text{ mm}$
5. SURFACE QUALITY (S1, S2): 60-40 SCRATCH-DIG
6. CENTRATION: $< 3 \text{ arcmin}$
7. DIAMETER TOLERANCE: $\pm 0.0/-0.1 \text{ mm}$
8. THICKNESS TOLERANCE: $\pm 0.1 \text{ mm}$
9. COATING (S1, S2): BBAR 4.5-7.5 μ m, Ravg: $< 1.0\%$, Rabs: $< 2.0\%$, Tavg: $> 97\%$, Tabs: $> 94\%$, 0° AOI

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			THORLABS www.thorlabs.com		
DRAWN	GG	DATE			30/MAY/19
APPROVAL	DD	DATE	30/MAY/19	ZnSe PLANO-CONCAVE LENS, $\text{Ø} 25.4 \text{ mm}$, $f = -25.4 \text{ mm}$, BBAR: 4.5-7.5 μ m	
COPYRIGHT © 2019 BY THORLABS				MATERIAL ZINC SELENIDE	
VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			ITEM #	APPROX WEIGHT	REV
			LC7759-E2	8 g	A