



NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 10.6 μm
2. FOCAL LENGTH: $f=15.0\text{ mm} \pm 1\%$
3. BACK FOCAL LENGTH(REF): $bf=13.8\text{ mm}$
4. CLEAR APERTURE: $> \phi 10.2\text{ mm}$
5. SURFACE QUALITY (S1, S2): 60-40 SCRATCH-DIG
6. CENTRATION: $<3\text{ arcmin}$
7. DIAMETER TOLERANCE: $+0.0/-0.1\text{ mm}$
8. THICKNESS TOLERANCE: $\pm 0.1\text{ mm}$
9. COATING (S1, S2): BBAR 4.5-7.5 μm , $R_{\text{avg}} < 1.0\%$, $R_{\text{abs}} < 2.0\%$, $T_{\text{avg}} > 97\%$, $T_{\text{abs}} > 94\%$, 0° AOI

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			THORLABS www.thorlabs.com ZnSe PLANO-CONVEX LENS, $\phi 12.7\text{ mm}$, $f=15\text{ mm}$, BBAR: 4.5-7.5 μm	
DRAWN	GG	DATE		
APPROVAL	DD	DATE	30/MAY/19	MATERIAL
COPYRIGHT © 2019 BY THORLABS VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS				ZINC SELENIDE ITEM # LA7477-E2 APPROX WEIGHT 2 g
			REV	A