



NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 10.6 μ m
2. FOCAL LENGTH: $f=40.0$ mm $\pm 1\%$
3. BACK FOCAL LENGTH(REF): $bf=39.0$ mm
4. CLEAR APERTURE: $> \phi 10.2$ mm
5. SURFACE QUALITY (S1, S2): 60-40 SCRATCH-DIG
6. CENTRATION: < 3 arcmin
7. DIAMETER TOLERANCE: $+0.0/-0.1$ mm
8. THICKNESS TOLERANCE: ± 0.1 mm
9. COATING (S1, S2): BBAR 4.5-7.5 μ m, R_{avg} : $< 1.0\%$, R_{abs} : $< 2.0\%$, T_{avg} : $> 97\%$, T_{abs} : $> 94\%$, 0° AOI

FOR INFORMATION ONLY
 NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			THORLABS www.thorlabs.com ZnSe PLANO-CONVEX LENS, $\phi 12.7$ mm, $f=40$ mm, BBAR: 4.5-7.5 μ m	
NAME	DATE			
DRAWN	GG	30/MAY/19	MATERIAL ZINC SELENIDE	
APPROVAL	DD	30/MAY/19		
COPYRIGHT © 2019 BY THORLABS VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			ITEM #	APPROX WEIGHT
			LA7673-E2	1 g