



NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 10.6 μm
2. FOCAL LENGTH: $f=100.2\text{ mm} \pm 1\%$
3. BACK FOCAL LENGTH(REF): $bf=98.5\text{ mm}$
4. CLEAR APERTURE: $> \varnothing 20.3\text{ mm}$
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

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DRAWING PROJECTION			THORLABS www.thorlabs.com	
NAME	DATE	ZnSe PLANO-CONVEX LENS, $\varnothing 25.4\text{ mm}$, $f=100.2\text{ mm}$, BBAR: 4.5-7.5 μm		
DRAWN	GG	30/MAY/19	MATERIAL	REV
APPROVAL	DD	30/MAY/19	ZINC SELENIDE	A
COPYRIGHT © 2019 BY THORLABS VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			ITEM #	APPROX WEIGHT
			LA7261-E2	10 g