



NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 10.6  $\mu\text{m}$
2. FOCAL LENGTH:  $f=750.0 \text{ mm} \pm 1\%$
3. BACK FOCAL LENGTH(REF):  $bf=749.1 \text{ mm}$
4. CLEAR APERTURE:  $> \text{Ø}20.3 \text{ mm}$
5. SURFACE QUALITY: 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: BBAR  $R_{\text{avg}} < 3.5\%$ ,  $R_{\text{abs}} < 6\%$ ,  $T_{\text{avg}} > 92\%$ ,  $T_{\text{abs}} > 85\%$ , 2.0-13.0  $\mu\text{m}$ , AOI:  $0^\circ$  ON BOTH OPTICAL SURFACES

FOR INFORMATION ONLY  
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			 <a href="http://www.thorlabs.com">www.thorlabs.com</a> ZnSe PLANO-CONVEX LENS, $\text{Ø}25.4 \text{ mm}$ , $f=750 \text{ mm}$ , BBAR: 2.0-13.0 $\mu\text{m}$	
	NAME	DATE		
DRAWN	GG	05/OCT/17	MATERIAL	
APPROVAL	DD	05/OCT/17	ZINC SELENIDE	
COPYRIGHT © 2020 BY THORLABS VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			ITEM #	APPROX WEIGHT
			LA7234-E4	6 g
			REV	A