



NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 587.6nm
2. FOCAL LENGTH:  $f=20.1\text{mm} \pm 1\%$
3. BACK FOCAL LENGTH(REF):  $bf=17.1\text{mm}$
4. CLEAR APERTURE:  $>90\%$  OF DIAMETER
5. SURFACE QUALITY: 40-20 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  $R_{\text{avg}} < 0.5\%$  FROM 1050nm-1700nm,  $0^\circ$  AOI, ON OUTER OPTICAL SURFACES

FOR INFORMATION ONLY  
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			<b>THORLABS</b> <a href="http://www.thorlabs.com">www.thorlabs.com</a> D=12.70 F=20.1 UV FUSED SILICA PLANO CONVEX LENS, -C COAT	
NAME	DATE			
DRAWN	GG	28/SEP/12	MATERIAL UV FUSED SILICA	
APPROVAL	DD	28/APR/15		
COPYRIGHT © 2015 BY THORLABS VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			ITEM #	APPROX WEIGHT
			LA4647-C	0.02 kg
				REV B