



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: <3arcmin
7. DIAMETER TOLERANCE: $+0.0/-0.1\text{mm}$
8. THICKNESS TOLERANCE: $\pm 0.1\text{mm}$
9. COATING: BBAR $R_{avg} < 0.5\%$ FROM 350nm-700nm, 0° AOI, ON OUTER OPTICAL SURFACES

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			 www.thorlabs.com D=12.70 F=20.00 UV FUSED SILICA PLANO CONVEX LENS, -A COAT	
NAME	DATE			
DRAWN	GG	28/SEP/12	MATERIAL UV FUSED SILICA	
APPROVAL	DD	28/SEP/12		
COPYRIGHT © 2012 BY THORLABS VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			ITEM #	APPROX WEIGHT
			LA4647-A	0.02 kg