



NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 587.6nm
2. FOCAL LENGTH: $f=50.2\text{mm} \pm 1\%$
3. BACK FOCAL LENGTH(REF): $bf=46.2\text{mm}$
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° AOI, ON OUTER OPTICAL SURFACES

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			THORLABS www.thorlabs.com D=25.40 F=50.2 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 <small>VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS</small>			ITEM #	APPROX WEIGHT
			LA4148-C	0.03 kg
				REV B