



NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 587.6nm
2. FOCAL LENGTH: $f=50.0\text{mm} \pm 1\%$
3. BACK FOCAL LENGTH (REF): $bf=46.0\text{mm}$
4. CLEAR APERTURE: $> \varnothing 22.86\text{mm}$
5. SURFACE QUALITY: 40-20 SCRATCH-DIG
6. CENTRATION: $\leq 3\text{arcmin}$
7. DIAMETER TOLERANCE: $+0.0/-0.1\text{mm}$
8. THICKNESS TOLERANCE: $\pm 0.1\text{mm}$
9. COATING: BBAR 245nm-400nm, $R_{\text{avg}} < 0.5\%$, 0° AOI ON OUTER OPTICAL SURFACE

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			THORLABS www.thorlabs.com $\varnothing 25.4\text{mm} f=50.0\text{mm}$ UVFS PLANO CONVEX LENS UV COATED	
NAME	DATE			
DRAWN	GG	09/SEP/10	MATERIAL	
APPROVAL	MG	20/MAY/15	UV GRADE FUSED SILICA	REV D
COPYRIGHT © 2015 BY THORLABS VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			ITEM #	APPROX WEIGHT
			LA4148-UV	4.4g