



NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 588nm
2. FOCAL LENGTH: $f=50.0\text{mm} \pm 1\%$
3. BACK FOCAL LENGTH(REF): $bf=48.0\text{mm}$
4. CLEAR APERTURE: $>90\%$ OF DIAMETER
5. SURFACE QUALITY: 40-20 SCRATCH-DIG
6. CENTRATION: $\leq 3\text{arcmin}$
7. DIAMETER TOLERANCE: $\pm 0.0/-0.1\text{mm}$
8. THICKNESS TOLERANCE: $\pm 0.1\text{mm}$
9. COATING: BBAR $R_{\text{avg}} < 0.5\%$ FROM 350nm-700nm, 0° AOI, ON OUTER OPTICAL SURFACES

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			THORLABS www.thorlabs.com D=25.4mm F=50.0mm UVFS BI CONVEX LENS, -A COAT	
	NAME	DATE		
DRAWN	GG	28/SEP/12	MATERIAL UV GRADE 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
			LB4096-A	0.03 kg
			REV	A