



NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 588nm
2. FOCAL LENGTH: $f=25.4\text{mm} \pm 1\%$
3. BACK FOCAL LENGTH(REF): $bf=21.2\text{mm}$
4. CLEAR APERTURE: $>22.86\text{mm}$
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 $R_{\text{avg}} < 1.25\%$ FROM 2.0-5.0 μm , 0° AOI ON BOTH OPTICAL SURFACES

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			THORLABS www.thorlabs.com CaF ₂ BI-CONVEX LENS, $\Phi 25.4\text{mm}$, $f=25.4\text{mm}$, BBAR: 2.0-5.0 μm	
NAME	DATE			
DRAWN	EMT	26/MAR/14	MATERIAL VACUUM UV GRADE CALCIUM FLUORIDE	
APPROVAL	MI	08/APR/14		
COPYRIGHT © 2014 BY THORLABS VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			ITEM #	APPROX WEIGHT
			LB5774-E	10.7g