



NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 588nm
2. FOCAL LENGTH: $f=75.0\text{mm} \pm 1\%$
3. BACK FOCAL LENGTH (REF): $bf=70.6\text{mm}$
4. CLEAR APERTURE: $> \varnothing 45.72\text{mm}$
5. SURFACE QUALITY: 40-20 SCRATCH-DIG
6. CENTRATION: $\leq 3\text{arcmin}$
7. DIAMETER TOLERANCE: $+0.00/-0.10\text{mm}$
8. THICKNESS TOLERANCE: $\pm 0.1\text{mm}$
9. COATING: BBAR 245-400nm, $R_{\text{avg}} < 0.5\% \ 0^\circ \ \text{AOI}$ ON OUTER OPTICAL SURFACES

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			THORLABS www.thorlabs.com $\varnothing 50.8\text{mm} \ f=75.0\text{mm} \ \text{UVFS}$ BI-CONVEX LENS UV COATED	
NAME	DATE			
DRAWN	UW	29/MAY/15	MATERIAL UV GRADE FUSED SILICA	
APPROVAL	MI	29/MAY/15		
COPYRIGHT © 2015 BY THORLABS VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			ITEM #	APPROX WEIGHT
			LB4553-UV	0.03kg