



NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 588nm
2. FOCAL LENGTH:  $f=60.0\text{mm} \pm 1\%$
3. BACK FOCAL LENGTH (REF):  $bf=54.4\text{mm}$
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,  $R_{avg} < 0.5\% \text{ } 0^\circ \text{ AOI}$  ON OUTER OPTICAL SURFACES

FOR INFORMATION ONLY  
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION

	NAME	DATE
DRAWN	UW	29/MAY/15
APPROVAL	MI	29/MAY/15

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VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS

<b>THORLABS</b> www.thorlabs.com	
$\varnothing 50.8\text{mm}$ $f=60.0\text{mm}$ UVFS BI-CONVEX LENS UV COATED	
MATERIAL UV GRADE FUSED SILICA	REV B
ITEM # LB4592-UV	APPROX WEIGHT 0.04kg