



NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 588nm
2. FOCAL LENGTH:  $f=150.5\text{mm} \pm 1\%$
3. BACK FOCAL LENGTH (REF):  $bf=142.6\text{mm}$
4. CLEAR APERTURE:  $> \varnothing 45.72\text{mm}$
5. SURFACE QUALITY: 40-20 SCRATCH-DIG
6. CENTRATION:  $\leq 3\text{arcmin}$
7. DIAMETER TOLERANCE:  $\pm 0.00/-0.10\text{mm}$
8. THICKNESS TOLERANCE:  $\pm 0.1\text{mm}$
9. COATING: BBAR 245-400nm,  $R_{\text{avg}} < 0.5\%$   $0^\circ$  AOI ON OUTER OPTICAL SURFACES

FOR INFORMATION ONLY  
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			<b>THORLABS</b> <a href="http://www.thorlabs.com">www.thorlabs.com</a>	
NAME	DATE			
DRAWN	UW	16/MAY/15	$\varnothing 50.8\text{mm}$ $f=150.5\text{mm}$ UVFS POSITIVE MENISCUS LENSES, UV COATED	
APPROVAL	MI	16/MAY/15	MATERIAL	REV
COPYRIGHT © 2015 BY THORLABS			UV GRADE FUSED SILICA	B
VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS		ITEM #	APPROX WEIGHT	
		LE4125-UV	0.02 kg	