



NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 588nm
2. FOCAL LENGTH: $f = -12.0\text{mm} \pm 1\%$
3. BACK FOCAL LENGTH (REF): $bf = -13.4\text{mm}$
4. CLEAR APERTURE: $> \varnothing 7.20\text{mm}$
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° AOI ON OUTER OPTICAL SURFACES

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			THORLABS www.thorlabs.com	
NAME	DATE	$\varnothing 8.00\text{mm } f = -12.0\text{mm UVFS}$ PLANO-CONCAVE LENS UV COATED MATERIAL UV GRADE FUSED SILICA		
DRAWN UW	05/JUN/15			
APPROVAL MI	05/JUN/15	ITEM #		APPROX WEIGHT
COPYRIGHT © 2015 BY THORLABS VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS		LC4291-UV		0.3g