



NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 588nm
2. FOCAL LENGTH: $f = -100.0\text{mm} \pm 1\%$
3. BACK FOCAL LENGTH (REF): $bf = -102.4\text{mm}$
4. CLEAR APERTURE: $> \phi 11.43\text{mm}$
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			 www.thorlabs.com	
NAME	DATE			
DRAWN	UW	05/JUN/15	$\phi 12.7\text{mm } f = -100.0\text{mm}$ UVFS PLANO-CONCAVE LENS UV COATED	
APPROVAL	MI	05/JUN/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
			LC4232-UV	1.0 g