



NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 588nm
2. FOCAL LENGTH:  $f = -200.0\text{mm} \pm 1\%$
3. BACK FOCAL LENGTH (REF):  $bf = -202.7\text{mm}$
4. CLEAR APERTURE:  $> \varnothing 11.43\text{mm}$
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,  $R_{\text{avg}} < 0.5\% \ 0^\circ \ \text{AOI}$  ON OUTER OPTICAL SURFACES

FOR INFORMATION ONLY  
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			<b>THORLABS</b> www.thorlabs.com	
NAME	DATE			
DRAWN	UW	05/JUN/15	$\varnothing 12.7\text{mm} \ f = -200.0\text{mm}$ 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 # <b>LC4918-UV</b>	APPROX WEIGHT <b>1.1 g</b>