



NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 588nm
2. FOCAL LENGTH: $f=-75.0\text{mm} \pm 1\%$
3. BACK FOCAL LENGTH(REF): $bf=-77.4\text{mm}$
4. CLEAR APERTURE: >90% OF DIAMETER
5. SURFACE QUALITY: 40-20 SCRATCH-DIG
6. CENTRATION: $\leq 3\text{arcmin}$
7. DIAMETER TOLERANCE: $+0.0/-0.1\text{mm}$
8. THICKNESS TOLERANCE: $\pm 0.1\text{mm}$
9. COATING: BBAR $R_{\text{avg}} < 0.5\%$ FROM 650nm-1050nm, 0° AOI, ON OUTER OPTICAL SURFACES

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			THORLABS www.thorlabs.com D=25.4mm F=-75.0mm UVFS PLANO CONCAVE LENS, -B COAT	
NAME	DATE			
DRAWN	GG	28/SEP/12	MATERIAL UV GRADE FUSED SILICA REV A	
APPROVAL	DD	28/SEP/12		
COPYRIGHT © 2012 BY THORLABS			ITEM #	APPROX WEIGHT
VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			LC4513-B	0.03 kg