



NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 588nm
2. FOCAL LENGTH:  $f = -30.0\text{mm} \pm 1\%$
3. BACK FOCAL LENGTH(REF):  $bf = -32.1\text{mm}$
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,  $0^\circ$  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> D=25.4mm F=-30.0mm 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 VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			ITEM #	APPROX WEIGHT
			LC4252-B	0.03 kg