



NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 588nm
2. FOCAL LENGTH:  $f=40.0\text{mm} \pm 1\%$
3. BACK FOCAL LENGTH(REF):  $bf=34.7\text{mm}$
4. CLEAR APERTURE:  $> \phi 22.86\text{mm}$
5. SURFACE QUALITY: 40-20 SCRATCH-DIG
6. CENTRATION:  $< 3\text{arcmin}$
7. DIAMETER TOLERANCE:  $\pm 0.0/-0.1\text{mm}$
8. THICKNESS TOLERANCE:  $\pm 0.1\text{mm}$
9. COATING: BBAR  $1.65\mu\text{m}-3.0\mu\text{m}$ ,  $R_{\text{avg}} < 1.0\%$   $0^\circ\text{AOI}$  ON BOTH OPTICAL SURFACES

FOR INFORMATION ONLY  
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			<b>THORLABS</b> <a href="http://www.thorlabs.com">www.thorlabs.com</a> $\phi 25.4\text{mm}$ , $f=40.0\text{mm}$ $\text{CaF}_2$ PLANO-CONVEX LENS,	
NAME	DATE			
DRAWN	UW	28/APR/15	MATERIAL VACUUM UV GRADE CALCIUM FLOURIDE	
APPROVAL	GG	28/APR/15		
COPYRIGHT © 2015 BY THORLABS VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			ITEM #	APPROX WEIGHT
			LA5370-D	7.9g