



NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 588nm
2. FOCAL LENGTH: 75.0mm \pm 1%
3. BACK FOCAL LENGTH (REF): 71.8mm
4. CLEAR APERTURE: >22.86mm
5. SURFACE QUALITY: 40-20 SCRATCH-DIG
6. CENTRATION: <3 arcmin
7. DIAMETER TOLERANCE: +0.0/-0.1mm
8. THICKNESS TOLERANCE: \pm 0.1mm
9. COATING: BBAR Ravg <1.25% FROM 2 μ m-5 μ m, 0° AOI ON BOTH OPTICAL SURFACES

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			 www.thorlabs.com CaF₂ PLANO-CONVEX LENS, Φ 25.4mm, f=75.0mm, BBAR: 2 μ m-5 μ m	
NAME	DATE			
DRAWN	EMT	20/JAN/14	MATERIAL VACUUM UV GRADE CALCIUM FLUORIDE	
APPROVAL	MI	08/APR/14		
COPYRIGHT © 2014 BY THORLABS VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			ITEM #	APPROX WEIGHT
			LA5042-E	5.3g