



NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 588nm
2. FOCAL LENGTH: 100.0mm \pm 1%
3. BACK FOCAL LENGTH (REF): 97.3mm
4. CLEAR APERTURE: >90% OF DIAMETER
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 R_{avg} <1.25% FROM 2 μ m-5 μ m, 0° AOI ON BOTH OPTICAL SURFACES

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			THORLABS www.thorlabs.com CaF ₂ PLANO-CONVEX LENS, \varnothing 25.4mm, f=100.0mm, 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			ITEM #	APPROX WEIGHT
VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			LA5817-E	4.8g
			REV	B