



NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 588nm
2. FOCAL LENGTH: 80.0mm  $\pm$  1%
3. BACK FOCAL LENGTH (REF): 78.6mm
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 $\mu$ m-5 $\mu$ m, 0° 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> CaF <sub>2</sub> PLANO-CONVEX LENS, $\varnothing$ 12.7mm, f=80.0mm, BBAR: 2 $\mu$ m-5 $\mu$ 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			LA5458-E	0.7g