



NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 588nm
2. FOCAL LENGTH:  $f=80.0\text{mm} \pm 1\%$
3. BACK FOCAL LENGTH(REF):  $bf=78.5\text{mm}$
4. CLEAR APERTURE:  $>11.43\text{mm}$
5. SURFACE QUALITY: 40-20 SCRATCH-DIG
6. CENTRATION:  $<3\text{arcmin}$
7. DIAMETER TOLERANCE:  $+0.0/-0.1\text{mm}$
8. THICKNESS TOLERANCE:  $\pm 0.1\text{mm}$
9. BBAR  $R_{\text{avg}} < 1.0\%$  FROM  $1.65\mu\text{m}-3.0\mu\text{m}$  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> CaF2 PLANO-CONVEX LENS, $\varnothing 12.7\text{mm}$ , $f=80\text{mm}$ , BBAR: $1.65\mu\text{m}-3.0\mu\text{m}$	
NAME	DATE			
DRAWN	DS	26/MAR/14	MATERIAL VACUUM UV GRADE CaF2	
APPROVAL	MI	04/APR/14		
COPYRIGHT © 2014 BY THORLABS VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			ITEM #	APPROX WEIGHT
			LA5458-D	0.7g