



NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 588nm
2. FOCAL LENGTH: $f=75.0\text{mm} \pm 1\%$
3. BACK FOCAL LENGTH(REF): $bf=71.8\text{mm}$
4. CLEAR APERTURE: $>22.86\text{mm}$
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			THORLABS www.thorlabs.com CaF2 PLANO-CONVEX LENS, $\varnothing 25.4\text{mm}$, $f=75\text{mm}$, 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
			LA5042-D	5.3g