



SECTION A-A

NOTES/ SPECIFICATIONS:

1. MATERIAL: VACUUM GRADE CALCIUM FLUORIDE
2. DESIGN WAVELENGTH: 588.0 nm
3. FOCAL LENGTH: 150.0 mm  $\pm$  1.0%
4. BACK FOCAL LENGTH (REF.): 144.3 mm
5. CLEAR APERTURE:  $> \varnothing$  45.72 mm
6. SURFACE QUALITY: 40-20 SCRATCH-DIG
7. CENTRATION:  $<$ 3 arcmin
8. DIAMETER TOLERANCE: +0.0/-0.1 mm
9. THICKNESS TOLERANCE:  $\pm$ 0.1 mm

FOR INFORMATION ONLY  
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			<b>THORLABS</b> www.thorlabs.com $\varnothing$ 50.8 mm CaF <sub>2</sub> PLANO-CONVEX Lens, f=150.0 mm, UNCOATED	
NAME	DATE			
DRAWN	JAC	06/JUL/19	MATERIAL	
APPROVAL	DD	10/JUL/19		
COPYRIGHT © 2019 BY THORLABS VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			SEE NOTES	REV A
ITEM #		LA5215	APPROX WEIGHT	
			36 g	