



SECTION A-A

NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 587.6 nm
2. FOCAL LENGTH:  $f=75.0 \text{ mm} \pm 1\%$
3. BACK FOCAL LENGTH (REF):  $bf=70.1 \text{ mm}$
4. CLEAR APERTURE:  $>\text{Ø}34.29 \text{ mm}$
5. SURFACE QUALITY: 40-20 SCRATCH-DIG
6. CENTRATION:  $<3 \text{ arcmin}$
7. DIAMETER TOLERANCE:  $+0.0/-0.1 \text{ mm}$
8. THICKNESS TOLERANCE:  $\pm 0.1 \text{ mm}$

FOR INFORMATION ONLY  
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			<b>THORLABS</b> www.thorlabs.com Ø38.1 mm f=75.0 mm PLANO CONVEX LENS	
NAME	DATE			
DRAWN	CP	19/NOV/19	MATERIAL N-BK7	
APPROVAL	DD	19/NOV/19		
COPYRIGHT © 2020 BY THORLABS VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			ITEM #	APPROX WEIGHT
			LA1386	14 g
			REV	A