



SECTION A-A  
SCALE 2 : 1

NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 587.6 nm
2. FOCAL LENGTH:  $f=75.0\text{ mm} \pm 1\%$
3. BACK FOCAL LENGTH(REF):  $bf=72.0\text{ mm}$
4. CLEAR APERTURE:  $\varnothing 22.9\text{ mm}$
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. COATING: BBAR  $R_{\text{avg}} < 1.0\%$  FROM 400 -1100 nm,  $0^\circ$  AOI ON BOTH OPTICAL SURFACES

FOR INFORMATION ONLY  
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			<b>THORLABS</b> www.thorlabs.com $\varnothing 25.4\text{ mm } f=75\text{ mm PLANO}$ <b>CONVEX LENS -AB COAT</b>	
NAME	DATE			
DRAWN	JB	10/16/2019	MATERIAL <b>N-BK7</b>	
APPROVAL	ST	10/21/2019		
COPYRIGHT © 2020 BY THORLABS VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			ITEM #	APPROX WEIGHT
			LA1608-AB	3 g
			REV	A