



ISOMETRIC VIEW  
SCALE: 1:1

SECTION A-A

NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 587.6 nm
2. FOCAL LENGTH:  $f=90.3 \text{ mm} \pm 1\%$
3. BACK FOCAL LENGTH(REF):  $bf=71.9 \text{ mm}$
4. CLEAR APERTURE:  $> \phi 67.50 \text{ mm}$
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  $R_{avg} < 0.5\%$  FROM 1050-1700 nm, AOI:  $0^\circ$

FOR INFORMATION ONLY  
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			<b>THORLABS</b> www.thorlabs.com $\phi 75.0 \text{ mm } f=90.3 \text{ mm}$ FUSED SILICA PLANO CONVEX LENS, -C COAT	
NAME	DATE			
DRAWN	YB	16/NOV/21	MATERIAL <b>UV FUSED SILICA</b>	
APPROVAL	DS	29/NOV/21		
COPYRIGHT © 2021 BY THORLABS VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			ITEM #	APPROX WEIGHT
			LA4384-C	160.88 g