



ISOMETRIC VIEW
SCALE: 2:1

SECTION A-A

NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 587.6 nm
2. FOCAL LENGTH: $f=175.6\text{ mm} \pm 1\%$
3. BACK FOCAL LENGTH(REF): $bf=173.6\text{ mm}$
4. CLEAR APERTURE: $> \phi 22.86\text{ mm}$
5. SURFACE QUALITY: 20-10 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: VAR R $<0.25\%$ PER SURFACE FOR 1064 nm, AOI: 0°

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			THORLABS www.thorlabs.com	
	NAME	DATE		
DRAWN	YB	01/MAY/20	$\phi 25.4\text{ mm } f=175\text{ mm}$ FUSED SILICA PLANO CONVEX LENS, -1064 nm COAT	
APPROVAL	DM	01/MAY/20		
COPYRIGHT © 2020 BY THORLABS			MATERIAL	REV
VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			UV FUSED SILICA	A
ITEM #		APPROX WEIGHT		
LA4924-1064		2.78 g		