



SECTION A-A

NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 587.6 nm
2. FOCAL LENGTH: $f=200.7\text{ mm} \pm 1\%$
3. BACK FOCAL LENGTH(REF): $bf=198.7\text{ mm}$
4. CLEAR APERTURE: $> \varnothing 22.86\text{ mm}$
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 405 nm, AOI: 0°

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			THORLABS www.thorlabs.com	
	NAME	DATE	$\varnothing 25.4\text{ mm } f=200\text{ mm}$ FUSED SILICA PLANO CONVEX LENS, -405 nm COAT	
DRAWN	YB	04/JAN/21	MATERIAL	REV
APPROVAL	MG	08/JAN/21	UV FUSED SILICA	A
COPYRIGHT © 2021 BY THORLABS			ITEM #	APPROX WEIGHT
VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			LA4102-405	2.71 g