



SECTION A-A

NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 587.6 nm
2. FOCAL LENGTH: $f=100.3 \text{ mm} \pm 1\%$
3. BACK FOCAL LENGTH(REF): $bf=98.8 \text{ mm}$
4. CLEAR APERTURE: $> \phi 11.43 \text{ mm}$
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: VAR R $<0.25\%$ PER SURFACE FOR 532/1064 nm

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			THORLABS www.thorlabs.com	
NAME	DATE			
DRAWN	JAC	22/JUL/20	ϕ 12.7 mm, $f=100 \text{ mm}$ UV FUSED SILICA PLANO CONVEX LENS, YAG COATING	
APPROVAL	DD	29/JUL/20		
COPYRIGHT © 2020 BY THORLABS			MATERIAL	
VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			UV FUSED SILICA	
			ITEM #	APPROX WEIGHT
			LA4600-YAG	1g
			REV	A