



SECTION A-A

NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 587.6 nm
2. FOCAL LENGTH: $f=40.1 \text{ mm} \pm 1\%$
3. BACK FOCAL LENGTH(REF): $bf=38.1\text{mm}$
4. CLEAR APERTURE: $> \text{Ø} 11.43 \text{ mm}$
5. SURFACE QUALITY: 40-20 SCRATCH-DIG
6. CENTRATION: $<3 \text{ arcmin}$
7. DIAMETER TOLERANCE: $\pm 0.0/-0.1 \text{ mm}$
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			 www.thorlabs.com	
NAME	DATE			
DRAWN	JAC	22/JUL/20	Ø 12.7 mm, f=40 mm UV FUSED SILICA PLANO CONVEX LENS, YAG COATING	
APPROVAL	DD	29/JUL/20	MATERIAL	REV
COPYRIGHT © 2020 BY THORLABS VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			UV FUSED SILICA	A
			ITEM #	APPROX WEIGHT
			LA4130-YAG	1g