



NOTES/SPECIFICATIONS:

- DESIGN WAVELENGTH: 587.6 nm
- FOCAL LENGTH: $f=100.3\text{ mm} \pm 1\%$
- BACK FOCAL LENGTH(REF): $bf=93.0\text{ mm}$
- CLEAR APERTURE: $> \varnothing 45.72\text{ mm}$
- SURFACE QUALITY: 40-20 SCRATCH-DIG
- CENTRATION: $<3\text{ arcmin}$
- DIAMETER TOLERANCE: $+0.0/-0.1\text{ mm}$
- THICKNESS TOLERANCE: $\pm 0.1\text{ mm}$
- COATING: BBAR $R_{avg} < 0.5\%$ FROM 1050-1700 nm, AOI: 0°

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			THORLABS www.thorlabs.com	
	NAME	DATE	$\varnothing 50.8\text{ mm } f=100.3\text{ mm}$ FUSED SILICA PLANO CONVEX LENS, -C COAT	
DRAWN	YB	16/NOV/21	MATERIAL	REV
APPROVAL	DS	29/NOV/21	UV FUSED SILICA	A
COPYRIGHT © 2021 BY THORLABS			ITEM #	APPROX WEIGHT
VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			LA4545-C	30.97 g