



NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 587.6nm
2. FOCAL LENGTH: $f=500.0\text{mm} \pm 1\%$
3. BACK FOCAL LENGTH (REF): $bf=497.0\text{mm}$
4. CLEAR APERTURE: $> \varnothing 45.72\text{mm}$
5. SURFACE QUALITY: 40-20 SCRATCH-DIG
6. CENTRATION: $\leq 3\text{arcmin}$
7. DIAMETER TOLERANCE: $+0.0/-0.1\text{mm}$
8. CENTER THICKNESS TOLERANCE: $\pm 0.1\text{mm}$
9. COATING: BBAR 245-400nm, $R_{\text{avg}} < 0.5\% \ 0^\circ \ \text{AOI}$ ON OUTER OPTICAL SURFACE

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			THORLABS www.thorlabs.com	
NAME	DATE			
DRAWN	GG	10/OCT/08	$\varnothing 50.8\text{mm} \ f=500.0\text{mm}$ UVFS PLANO CONVEX LENS UV COATED	
APPROVAL	MI	20/MAY/15	MATERIAL	REV
COPYRIGHT © 2015 BY THORLABS			UV GRADE FUSED SILICA	D
VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			ITEM #	APPROX WEIGHT
			LA4782-UV	0.02 kg