



NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 587.6nm
2. FOCAL LENGTH: $f=501.8\text{mm} \pm 1\%$
3. BACK FOCAL LENGTH(REF): $bf=500.2\text{mm}$
4. CLEAR APERTURE: $>90\%$
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 532nm & 1064nm

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			THORLABS www.thorlabs.com D=25.4 F=500 UV FUSED SILICA PLANO CONVEX LENS, -YAG COAT	
NAME	DATE			
DRAWN	GG	01/OCT/12	MATERIAL UV FUSED SILICA REV A	
APPROVAL	DD	01/OCT/12		
COPYRIGHT © 2012 BY THORLABS VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			ITEM #	APPROX WEIGHT
			LA4184-YAG	0.03 kg