



NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 587.6nm
2. FOCAL LENGTH:  $f=300.0\text{mm} \pm 1\%$
3. BACK FOCAL LENGTH (REF):  $bf=296.3\text{mm}$
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			<b>THORLABS</b> <a href="http://www.thorlabs.com">www.thorlabs.com</a>	
NAME	DATE			
DRAWN	GG	10/OCT/08	$\varnothing 50.8\text{mm} \ f=300.0\text{mm}$ UVFS PLANO CONVEX LENS UV COATED	
APPROVAL	MG	20/MAY/15	MATERIAL	REV
COPYRIGHT © 2015 BY THORLABS VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			UV GRADE FUSED SILICA	D
			ITEM #	APPROX WEIGHT
			LA4855-UV	0.02 kg