



NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 587.6nm
2. FOCAL LENGTH:  $f=10.0\text{mm} \pm 1\%$
3. BACK FOCAL LENGTH (REF):  $bf=8.5\text{mm}$
4. CLEAR APERTURE:  $> \phi 4.50\text{mm}$
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  $R_{\text{avg}} < 0.5\%$   $0^\circ$  AOI ON OUTER OPTICAL SURFACE

FOR INFORMATION ONLY  
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			<b>THORLABS</b> www.thorlabs.com $\phi 5.0\text{mm } f=10.0\text{mm}$ UVFS PLANO CONVEX LENS, UV COATED	
DRAWN	GG	DATE		
APPROVAL	MG	DATE	20/MAY/15	MATERIAL
COPYRIGHT © 2015 BY THORLABS				UV GRADE FUSED SILICA
VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			ITEM #	APPROX WEIGHT
			LA4249-UV	0.1g