



NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 587.6nm
2. FOCAL LENGTH:  $f=750.0\text{mm} \pm 1\%$
3. BACK FOCAL LENGTH (REF):  $bf=747.3\text{mm}$
4. CLEAR APERTURE:  $> \text{Ø} 45.72\text{mm}$
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,  $R_{\text{avg}} < 0.5\%$   $0^\circ$  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> $\text{Ø} 50.8\text{mm } f=750.0\text{mm}$ UVFS PLANO CONVEX LENS, UV COATED	
NAME	DATE			
DRAWN	GG	09/SEP/10	MATERIAL UV GRADE FUSED SILICA	
APPROVAL	MG	20/MAY/15		
COPYRIGHT © 2015 BY THORLABS VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			ITEM #	APPROX WEIGHT
			LA4745-UV	0.02 kg