



NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 546nm
2. FOCAL LENGTH:  $f=25.4\text{mm} \pm 1\%$
3. BACK FOCAL LENGTH (REF):  $bf=17.4\text{mm}$
4. CLEAR APERTURE (H x L):  $>20.70 \times 31.50\text{mm}$
5. SURFACE QUALITY (S1, S2): 60-40 SCRATCH-DIG
6. CENTRATION:  $\leq 5\text{arcmin}$
7. DIMENSIONAL TOLERANCE (H, L):  $+0.00/-0.10\text{mm}$
8. THICKNESS TOLERANCE:  $\pm 0.10\text{mm}$
9. SURFACE IRREGULARITY AT 633nm:  $\lambda$  (S1 H),  $\lambda/\text{cm}$  (S1 L),  $\lambda/4$  (S2)
10. POWER TOLERANCE AT 633nm:  $<3\lambda/2$  (S1),  $<\lambda/2$  (S2)

FOR INFORMATION ONLY  
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			 <a href="http://www.thorlabs.com">www.thorlabs.com</a>	
NAME	DATE			
DRAWN	KMR	02/DEC/16	H=23.0mm L=35.0mm F=25.4mm UVFS CYLINDRICAL PLANO-CONVEX LENS	
APPROVAL	DD	28/DEC/16	MATERIAL	REV
COPYRIGHT © 2016 BY THORLABS			UV GRADE FUSED SILICA	D
VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			ITEM #	APPROX WEIGHT
			LJ4107	16.0 g