



NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 587.6nm
2. FOCAL LENGTH: $f=10.0\text{mm} \pm 1\%$
3. BACK FOCAL LENGTH (REF): $bf=8.2\text{mm}$
4. CLEAR APERTURE: $> \varnothing 5.40\text{mm}$
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° AOI ON OUTER OPTICAL SURFACE

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

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|---|------|-----------|---|---------------|
| DRAWING PROJECTION | | | THORLABS www.thorlabs.com $\varnothing 6.0\text{mm} f=10.0$ UVFS PLANO CONVEX LENS UV COATED | |
| NAME | DATE | | | |
| DRAWN | GG | 13/SEP/10 | MATERIAL UV GRADE FUSED SILICA | |
| APPROVAL | MG | 20/MAY/15 | | |
| COPYRIGHT © 2015 BY THORLABS | | | ITEM # | APPROX WEIGHT |
| VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS | | | LA4280-UV | 0.1g |