



NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 588nm
2. FOCAL LENGTH: $f=20.0\text{mm} \pm 1\%$
3. BACK FOCAL LENGTH(REF): $bf=18.5\text{mm}$
4. CLEAR APERTURE: $>90\%$ OF DIAMETER
5. SURFACE QUALITY: 40-20 SCRATCH-DIG
6. CENTRATION: $\leq 3\text{arcmin}$
7. DIAMETER TOLERANCE: $+0.0/-0.1\text{mm}$
8. THICKNESS TOLERANCE: $\pm 0.1\text{mm}$
9. COATING: BBAR $R_{avg} < 0.5\%$ FROM 1050nm-1700nm, 0° AOI, ON OUTER OPTICAL SURFACES

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

| | | |
|---|-----------|--|
| DRAWING PROJECTION | | |
| NAME | DATE | |
| DRAWN GG | 28/SEP/12 | |
| APPROVAL DD | 14/DEC/15 | |
| COPYRIGHT © 2015 BY THORLABS | | |
| VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS | | |

| | |
|---|--------------------------|
| THORLABS www.thorlabs.com | |
| D=12.7mm F=20.0mm UVFS BI CONVEX LENS, -C COAT | |
| MATERIAL UV GRADE FUSED SILICA | REV B |
| ITEM # LB4854-C | APPROX WEIGHT 0.02 kg |