



NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 587.6nm
2. FOCAL LENGTH: $f=49.8\text{mm}$
3. BACK FOCAL LENGTH(REF): $bf=45.0\text{mm}$
4. CLEAR APERTURE: >90% OF DIAMETER
5. SURFACE QUALITY: 40-20 SCRATCH-DIG
6. CENTRATION: <3arcmin
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 1050-1700nm, AOI: 0° , ON OUTER OPTICAL SURFACES

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

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|---|----|------|--|---------------|
| DRAWING PROJECTION | | | THORLABS www.thorlabs.com $\Phi=30\text{mm } f=50\text{mm N-BK7}$ PLANO CONVEX LENS, -C COAT | |
| DRAWN | MG | DATE | | |
| APPROVAL | DD | DATE | 03/OCT/13 | MATERIAL |
| COPYRIGHT © 2013 BY THORLABS | | | | N-BK7 |
| VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS | | | ITEM # | APPROX WEIGHT |
| | | | LA1102-C | 16 g |
| | | | | REV C |