



NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 587.6nm
2. FOCAL LENGTH:  $f=39.9\text{mm}$
3. BACK FOCAL LENGTH(REF):  $bf=34.0\text{mm}$
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:  $0^\circ$ , ON OUTER OPTICAL SURFACES

FOR INFORMATION ONLY  
NOT FOR MANUFACTURING PURPOSES

|   |    |      |   |               |
|---|----|------|---|---------------|
| DRAWING PROJECTION  |    |      | <b>THORLABS</b><br><a href="http://www.thorlabs.com">www.thorlabs.com</a><br>$\Phi=30\text{mm}$ $f=40\text{mm}$ N-BK7<br>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 #        |
|   |    |      |   | LA1274-C      |
|   |    |      |   | APPROX WEIGHT |
|   |    |      |   | 16 g          |
|   |    |      |   | REV           |
|   |    |      |   | C             |