



NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 632.8nm
2. FOCAL LENGTH:  $f = -100.0\text{mm}$
3. BACK FOCAL LENGTH(REF):  $bf = -102.6\text{mm}$
4. CLEAR APERTURE:  $>90\%$  OF DIAMETER
5. SURFACE QUALITY: 40-20 SCRATCH-DIG
6. CENTRATION:  $<3\text{arcmin}$
7. DIAMETER TOLERANCE:  $+0.0/-0.1\text{mm}$
8. THICKNESS TOLERANCE:  $\pm 0.1\text{mm}$
9. COATING: BBAR  $R_{\text{avg}} < 0.5\%$  FROM 1050-1700nm, AOI:  $0^\circ$ , ON OUTER OPTICAL SURFACES

FOR INFORMATION ONLY  
NOT FOR MANUFACTURING PURPOSES

|   |      |           |   |               |
|---|------|-----------|---|---------------|
| DRAWING PROJECTION  |      |           | <b>THORLABS</b><br>www.thorlabs.com<br>$\varnothing = 25.0\text{mm}$ $f = -100\text{mm}$ N-BK7<br>PCC LENS, -C COAT |               |
| NAME  | DATE |           |   |               |
| DRAWN   | WD   | 19/NOV/09 | MATERIAL<br>N-BK7   |               |
| APPROVAL  | DD   | 17/FEB/15 |   |               |
| COPYRIGHT © 2015 BY THORLABS  |      |           | ITEM #  | APPROX WEIGHT |
| VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS |      |           | LC1254-C  | 6 g           |