



NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 587.6nm
2. FOCAL LENGTH:  $f = -49.8\text{mm}$
3. BACK FOCAL LENGTH(REF):  $bf = -52.1\text{mm}$
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>www.thorlabs.com<br>$\phi = 25.4\text{mm } f = -50\text{mm N-BK7}$<br>PCC LENS, -C COAT |               |
|   | NAME | DATE      |  |               |
| DRAWN   | WD   | 19/NOV/09 | MATERIAL<br><b>N-BK7</b>   |               |
| APPROVAL  | DD   | 17/FEB/15 |  |               |
| COPYRIGHT © 2015 BY THORLABS  |      |           | ITEM #   | APPROX WEIGHT |
| VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS |      |           | LC1715-C   | 1 g           |
|   |      |           | REV  | C             |