



NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 587.6nm
2. FOCAL LENGTH:  $f=200.0\text{mm}$
3. BACK FOCAL LENGTH(REF):  $bf=198.1\text{mm}$
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><a href="http://www.thorlabs.com">www.thorlabs.com</a><br>$\Phi=25\text{mm}$ $f=200\text{mm}$ N-BK7<br>PLANO CONVEX LENS, -C COAT |               |
| NAME  | DATE |           |  |               |
| DRAWN   | MG   | 22/AUG/13 | MATERIAL   |               |
| APPROVAL  | DD   | 03/OCT/13 | N-BK7  |               |
| COPYRIGHT © 2013 BY THORLABS  |      |           | ITEM #   | APPROX WEIGHT |
| VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS |      |           | LA1253-C   | 11 g          |
|   |      |           | REV  | C             |