



NOTES/SPECIFICATIONS:

1. CLEAR APERTURE: >90% DIAMETER
2. SURFACE ACCURACY: $\lambda/4$ AT 632.8nm OVER CLEAR APERTURE
3. SURFACE QUALITY: 40-20 SCRATCH-DIG
4. BACK SURFACE: FINE GROUND
5. THICKNESS TOLERANCE: ± 0.2 mm
6. DIAMETER TOLERANCE: + 0.0/-0.2 mm
7. COATING: PROTECTED ALUMINUM
 R_{avg} : >90% FROM 450nm - 2 μ m
 R_{avg} : >95% FROM 2 μ m - 20 μ m
 AOI: 0° TO 45°
8. DAMAGE THRESHOLD: 0.3J/cm² 10ns PULSE, 10Hz AT 1064nm

FOR INFORMATION ONLY
 NOT FOR MANUFACTURING PURPOSES

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|---|------|-----------|---|---------------|
| DRAWING PROJECTION | | | www.thorlabs.com | |
| NAME | DATE | | | |
| DRAWN | BAG | 27/OCT/10 | Ø 50.8mm, f= 150.0mm CONCAVE PROTECTED ALUMINUM MIRROR | |
| APPROVAL | WD | 08/NOV/12 | MATERIAL | REV |
| COPYRIGHT © 2010 BY THORLABS | | | N-BK7 | C |
| VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS | | | ITEM # | APPROX WEIGHT |
| | | | CM508-150-G01 | 0.05 kg |