



NOTES/SPECIFICATIONS:

1. CLEAR APERTURE:  $> \varnothing 45.72\text{mm}$
2. SURFACE IRREGULARITY (S1):  $\leq \lambda/4$  AT 633nm OVER CLEAR APERTURE
3. BACK SURFACE (S2): UNIFORM FINE GRIND #12-#20 GRIT
4. SURFACE QUALITY(S1): 40-20 SCRATCH-DIG
5. THICKNESS TOLERANCE:  $\pm 0.1\text{ mm}$
6. DIAMETER TOLERANCE:  $+0.0/-0.2\text{ mm}$
7. COATING(S1): PROTECTED SILVER
  - Ravg:  $>97.5\%$  FROM 450nm-2 $\mu\text{m}$
  - Ravg:  $>96\%$  FROM 2 $\mu\text{m}$ -20 $\mu\text{m}$
  - AOI:  $0^\circ$  TO  $45^\circ$

FOR INFORMATION ONLY  
NOT FOR MANUFACTURING PURPOSES

|   |      |           |  |               |
|---|------|-----------|--|---------------|
| DRAWING PROJECTION  |      |           | <b>THORLABS</b><br>www.thorlabs.com<br>$\varnothing 50.8\text{mm}$ , $f=750\text{mm}$ CONCAVE<br>PROTECTED SILVER MIRROR |               |
| NAME  | DATE |           |  |               |
| DRAWN   | YB   | 16/APR/18 | MATERIAL   |               |
| APPROVAL  | DD   | 16/APR/18 |  |               |
| COPYRIGHT © 2018 BY THORLABS  |      |           | N-BK7  | REV A         |
| VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS |      |           | ITEM #   | APPROX WEIGHT |
|   |      |           | CM508-750-P01  | 46.33 g       |