



NOTES/SPECIFICATIONS:

1. CLEAR APERTURE:  $> \phi 22.86\text{mm}$
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> www.thorlabs.com $\phi 25.4\text{mm}$ , $f=1000\text{mm}$ CONCAVE 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
			CM254-1000-P01	7.66 g