



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: $\pm 0.2\text{ mm}$
6. DIAMETER TOLERANCE: $+ 0.0/-0.2\text{ mm}$
7. COATING: PROTECTED SILVER
 $R_{\text{avg}} > 97.5\%$ FROM 450nm - 2 μm
 $R_{\text{avg}} > 96\%$ FROM 2 μm - 20 μm
 AOI: 0° TO 45°
8. DAMAGE THRESHOLD: 3J/cm² 10ns PULSE, 10Hz AT 1064nm

FOR INFORMATION ONLY
 NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			 www.thorlabs.com	
NAME	DATE			
DRAWN	BAG	28/OCT/10	$\phi 50.8\text{mm}$, $f = 50.0\text{mm}$ CONCAVE PROTECTED SILVER MIRROR	
APPROVAL	WD	03/JUL/13	MATERIAL	REV
COPYRIGHT © 2010 BY THORLABS			N-BK7	D
VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			ITEM #	APPROX WEIGHT
			CM508-050-P01	0.05 kg