



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 GOLD
Ravg: >96% FROM 800nm - 20 μ m
AOI: 0° TO 45°
8. DAMAGE THRESHOLD: 2J/cm² 10ns PULSE, 10Hz AT 1064nm

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			THORLABS www.thorlabs.com	
NAME	DATE	Ø 50.8mm, f= 100.0mm CONCAVE PROTECTED GOLD MIRROR		
DRAWN	APPROVAL			
BAG	WD	MATERIAL	REV	
08/OCT/10		N-BK7	C	
08/NOV/12		ITEM #	APPROX WEIGHT	
COPYRIGHT © 2010 BY THORLABS		CM508-100-M01	0.05 kg	
VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS				