



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 SILVER
 R_{avg} : >97.5% FROM 450nm - 2 μ m
 R_{avg} : >96% FROM 2 μ m - 20 μ m
 AOI: 0° TO 45°
8. DAMAGE THRESHOLD: 3J/cm² 10ns PULSE, 10Hz AT 1064nm

FOR INFORMATION ONLY
 NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			THORLABS www.thorlabs.com	
NAME	DATE			
DRAWN	BAG	28/OCT/10	$\phi 25.4\text{mm}$, f= 75.0mm CONCAVE PROTECTED SILVER MIRROR	
APPROVAL	WD	08/NOV/12		
COPYRIGHT © 2010 BY THORLABS			MATERIAL	REV
VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			N-BK7	C
			ITEM #	APPROX WEIGHT
			CM254-075-P01	0.007 kg