



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:  $\pm 0.2$  mm
6. DIAMETER TOLERANCE: + 0.0/-0.2 mm
7. COATING: PROTECTED ALUMINUM  
 Ravg: >90% FROM 450nm - 2 $\mu$ m  
 Ravg: >95% FROM 2 $\mu$ m - 20 $\mu$ m  
 AOI: 0° TO 45°
8. DAMAGE THRESHOLD: 0.3J/cm<sup>2</sup> 10ns PULSE, 10Hz AT 1064nm

FOR INFORMATION ONLY  
 NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			<b>THORLABS</b> www.thorlabs.com	
NAME	DATE			
DRAWN	BAG	27/OCT/10	$\phi 75.0\text{mm}$ , f= 500.0mm CONCAVE PROTECTED ALUMINUM MIRROR	
APPROVAL	WD	08/NOV/12	MATERIAL	REV
COPYRIGHT © 2010 BY THORLABS			N-BK7	C
VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS		ITEM #	APPROX WEIGHT	
		CM750-500-G01	0.19 kg	