



NOTES/SPECIFICATIONS:

1. CLEAR APERTURE: >90% OF DIAMETER
2. SURFACE IRREGULARITY (S1): $\lambda/4$ AT 633nm OVER CLEAR APERTURE
3. BACK SURFACE (S2): UNIFORM FINE GRIND #12-#20 GRIT
4. SURFACE QUALITY: 40-20 SCRATCH-DIG
5. THICKNESS TOLERANCE: ± 0.2 mm
6. DIAMETER TOLERANCE: $+0.00/-0.2$ mm
7. COATING: PROTECTED ALUMINUM, R_{avg} : >90% FROM 450-2 μ m
 R_{avg} : >95% FROM 2 μ m-20 μ m
 AOI: 0° TO 45°

FOR INFORMATION ONLY
 NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			THORLABS www.thorlabs.com	
NAME	DATE			
DRAWN	EMT	19/JUL/12	$\phi 75.0\text{mm}$, $f=56.25\text{mm}$ CONCAVE PROTECTED ALUMINUM MIRROR	
APPROVAL	MG	24/JUL/12	MATERIAL	REV
COPYRIGHT © 2012 BY THORLABS			N-BK7	A
VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			ITEM #	APPROX WEIGHT
			CM750-056-G01	0.1683 kg