



NOTES/SPECIFICATIONS:

1. CLEAR APERTURE: $> \phi 45.72\text{mm}$
2. SURFACE IRREGULARITY (S1): $\leq \lambda/4$ AT 633nm OVER CLEAR APERTURE
3. BACK SURFACE (S2): UNIFORM FINE GRIND #12-#20 GRIT
4. SURFACE QUALITY(S1): 20-10 SCRATCH-DIG
5. THICKNESS TOLERANCE: $\pm 0.1\text{ mm}$
6. DIAMETER TOLERANCE: $+0.0/-0.2\text{ mm}$
7. DESIGN WAVELENGTH RANGE: 750-1100nm
8. COATING(S1): BROADBAND HR, DIELECTRIC
 R_s and $R_p > 99\%$ AVERAGE OVER WAVELENGTH RANGE
 AOI: 0° TO 45°

FOR INFORMATION ONLY
 NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			THORLABS www.thorlabs.com $\phi 50.8\text{mm}$, $f=500\text{mm}$ BROADBAND MIRROR 750-1100nm	
NAME	DATE			
DRAWN	YB	16/APR/18	MATERIAL	
APPROVAL	DD	16/APR/18	N-BK7	REV A
COPYRIGHT © 2018 BY THORLABS VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			ITEM #	APPROX WEIGHT
			CM508-500-E03	46.61 g