



SECTION A-A



NOTES/SPECIFICATIONS:

1. CLEAR APERTURE:  $> \phi$  45.72mm
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:  $\pm 0.1$  mm
6. DIAMETER TOLERANCE:  $+0.0/-0.2$  mm
7. DESIGN WAVELENGTH RANGE: 400-750nm
8. COATING(S1): BROADBAND HR, DIELECTRIC  
 $R_s$  and  $R_p > 99\%$  AVERAGE OVER WAVELENGTH RANGE  
 AOI:  $0^\circ$  TO  $45^\circ$

FOR INFORMATION ONLY  
 NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			<b>THORLABS</b> www.thorlabs.com	
NAME	DATE			
DRAWN	YB	16/APR/18	$\phi$ 50.8mm, f=500mm BROADBAND MIRROR 400-750nm	
APPROVAL	DD	16/APR/18	MATERIAL	REV
COPYRIGHT © 2018 BY THORLABS			N-BK7	A
VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			ITEM #	APPROX WEIGHT
			CM508-500-E02	46.61 g