



NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH RANGE: 349-355nm
2. CLEAR APERTURE: > $\varnothing 20.3\text{mm}$
3. DIAMETER TOLERANCE: +0.0 / -0.1mm
4. THICKNESS TOLERANCE: $\pm 0.2\text{mm}$
5. SURFACE QUALITY (S1): 10-5 SCRATCH-DIG
6. BACK SURFACE (S2): FINE GROUND
7. PARALLELISM: $\leq 3\text{arcmin}$
8. SURFACE FLATNESS (S1): $\lambda/10$ AT 633nm
9. COATING (S1): REFLECTIVE COATING
 $R_s \text{ avg} > 99.5\% \text{ FROM } 349\text{-}355\text{nm}$
 $R_p \text{ avg} > 99.5\% \text{ FROM } 349\text{-}355\text{nm}$
 AOI: 0° TO 45°

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			THORLABS www.thorlabs.com $\varnothing 1"$ Nd: YAG MIRROR $\lambda = 349\text{-}355\text{nm}$	
NAME	DATE			
DRAWN	BAG	22/OCT/10	MATERIAL	
APPROVAL	GG	23/JUNE/16		
COPYRIGHT © 2016 BY THORLABS			FUSED SILICA	
VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			ITEM #	APPROX WEIGHT
			NB1-K08	6.7 g
				REV D