



NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH RANGE: 262-266nm
2. CLEAR APERTURE:  $> \varnothing 20.3\text{mm}$
3. DIAMETER TOLERANCE:  $+0.0 / -0.1\text{mm}$
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  
 $R_s \text{ avg} > 99.0\% \text{ FROM } 262\text{-}266\text{nm}$   
 $R_p \text{ avg} > 99.0\% \text{ FROM } 262\text{-}266\text{nm}$   
 AOI:  $0^\circ$  TO  $45^\circ$

FOR INFORMATION ONLY  
 NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			<b>THORLABS</b> <a href="http://www.thorlabs.com">www.thorlabs.com</a> $\varnothing 1''$ Nd: YAG MIRROR, $\lambda = 262\text{-}266\text{nm}$	
NAME	DATE			
DRAWN	BAG	22/OCT/10	MATERIAL <b>FUSED SILICA</b>	
APPROVAL	GG	23/JUNE/16		
COPYRIGHT © 2016 BY THORLABS			ITEM #	APPROX WEIGHT
VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			NB1-K04	6.7 g