



NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH RANGE: 333-364nm
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. SURFACE (S2): FINE GROUND
7. SURFACE FLATNESS (S1):  $< \lambda/10$  AT 633nm
8. PARALLELISM:  $< 3$  arcmin
9. COATING (S1): REFLECTIVE COATING AT 352nm  
 $R > 99.5\%$ ,  $\text{AOI} = 0^\circ$   
 $R_s > 99.0\%$ ,  $R_p > 98.7$ ,  $\text{AOI} = 45^\circ$

FOR INFORMATION ONLY  
 NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			<b>THORLABS</b> <a href="http://www.thorlabs.com">www.thorlabs.com</a> $\varnothing 25.4\text{mm}$ AR-ION LASER LINE MIRROR, 333-364nm	
NAME	DATE			
DRAWN	GG	10/MAR/16	MATERIAL <b>FUSED SILICA</b>	
APPROVAL	DD	10/MAR/16		
COPYRIGHT © 2016 BY THORLABS VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			ITEM #	APPROX WEIGHT
			NB1-K07	7 g
				REV A