



NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH RANGE: 300-308nm
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
 R_s avg $> 99.5\%$ FROM 300-308nm
 R_p avg $> 98.0\%$ FROM 300-308nm
 AOI: 0° TO 45°

FOR INFORMATION ONLY
 NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			THORLABS www.thorlabs.com $\varnothing 1"$ AR-ION LASER LINE MIRROR, $\lambda = 300-308\text{nm}$	
	NAME	DATE		
DRAWN	JDR	21/APR/16	MATERIAL FUSED SILICA	
APPROVAL	GG	23/JUNE/16		
COPYRIGHT © 2016 BY THORLABS VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			ITEM #	APPROX WEIGHT
			NB1-K05	6.7 g
				REV B