



NOTES/SPECIFICATIONS:

1. CLEAR APERTURE: >80% DIAMETER
2. SURFACE FLATNESS: $\lambda/10$ AT 632.8nm OVER CLEAR APERTURE
3. SURFACE QUALITY: 10-5 SCRATCH-DIG
4. PARALLELISM: $\leq 3\text{arcmin}$
5. BACK SURFACE: FINE GROUND
6. THICKNESS TOLERANCE: $\pm 0.2\text{mm}$
7. DIAMETER TOLERANCE: $+0.0 / 0.1\text{mm}$
8. DESIGN WAVELENGTH RANGE: 300-308nm
9. DURABILITY: MIL-C-675
10. COATING: REFLECTIVE COATING
 $R_{\text{avg}} > 99.5\%$ OVER WAVELENGTH RANGE
 AOI: 45°

FOR INFORMATION ONLY
 NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			THORLABS www.thorlabs.com $\phi 19.0\text{mm}$ Ar Ion MIRROR $\lambda = 300-308\text{nm}$, 45° AOI	
NAME	DATE			
DRAWN	GG	05/MAR/14	MATERIAL FUSED SILICA	
APPROVAL	DD	18/MAR/14		
COPYRIGHT © 2014 BY THORLABS <small>VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS</small>			ITEM #	APPROX WEIGHT
			NB07-J05	3.43 g