



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: ≤ 3 arcmin
5. BACK SURFACE: FINE GROUND
6. THICKNESS TOLERANCE: ± 0.2 mm
7. DIAMETER TOLERANCE: $+0.0 / -0.1$ mm
8. DESIGN WAVELENGTH RANGE: 458-528nm
9. DURABILITY: MIL-C-675
10. COATING: REFLECTIVE COATING
 $R_{avg} > 99.5\%$ OVER WAVELENGTH RANGE
 AOI: 45°

FOR INFORMATION ONLY
 NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			 www.thorlabs.com $\phi 19.0$ mm Ar Ion MIRROR $\lambda = 458-528$ nm, 45° AOI	
	NAME	DATE		
DRAWN	GG	14/MAR/14	MATERIAL FUSED SILICA REV A	
APPROVAL	DD	18/MAR/14		
COPYRIGHT © 2014 BY THORLABS			ITEM #	APPROX WEIGHT
VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			NB07-J10	3.43 g