



NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 193nm
2. CLEAR APERTURE: >80% DIAMETER
3. DIAMETER TOLERANCE: +0.0 / -0.1mm
4. THICKNESS TOLERANCE: ±0.2mm
5. SURFACE FLATNESS: $\lambda/10$ AT 632.8nm OVER CLEAR APERTURE
6. SURFACE QUALITY: 10-5 SCRATCH-DIG
7. BACK SURFACE: FINE GROUND
8. PARALLELISM: ≤ 3 arcmin
9. DURABILITY: MIL-C-675
10. COATING: REFLECTIVE COATING
 $R_{s\ avg}$ AND $R_{p\ avg}$ >98.0%
 AOI: 0°
11. DAMAGE THRESHOLD: 3J/cm² 10ns PULSE

FOR INFORMATION ONLY
 NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			 www.thorlabs.com Ø25.4mm ArF EXCIMER MIRROR $\lambda = 193\text{nm}$, 0° AOI	
	NAME	DATE		
DRAWN	BAG	22/OCT/10	MATERIAL FUSED SILICA REV B	
APPROVAL	PM	27/OCT/10		
COPYRIGHT © 2010 BY THORLABS			ITEM #	APPROX WEIGHT
VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			NB1-H01	0.007 kg