



NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 248nm
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 (S1): REFLECTIVE COATING
 $R_{s\text{ avg}}$ AND $R_{p\text{ avg}} > 97.0\%$
 AOI: 0°
11. DAMAGE THRESHOLD: 5J/cm² 10ns PULSE

FOR INFORMATION ONLY
 NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			 www.thorlabs.com Ø 25.4mm KrF EXCIMER MIRROR $\lambda = 248\text{nm}$, 0° AOI	
NAME	DATE			
DRAWN	BAG	22/OCT/10	MATERIAL	
APPROVAL	PM	27/OCT/10		
COPYRIGHT © 2010 BY THORLABS			FUSED SILICA	
VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			ITEM #	APPROX WEIGHT
			NB1-H03	0.007 kg
			REV	B