


NOTES/SPECIFICATIONS:

1. CLEAR APERTURE: >85% DIAMETER
2. SURFACE FLATNESS: $\lambda/10$ AT 632.8nm OVER CLEAR APERTURE
3. SURFACE QUALITY: 10-5 SCRATCH-DIG
4. BACK SURFACE: FINE GROUND
5. PARALLELISM: ≤ 3 arcmin
6. THICKNESS TOLERANCE: ± 0.2 mm
7. DIAMETER TOLERANCE: $+ 0.0/-0.1$ mm
8. DESIGN WAVELENGTH RANGE: 400-750nm
9. COATING: BROADBAND HR, DIELECTRIC
R_s AND R_p > 99% OVER WAVELENGTH RANGE
AOI: 0° TO 45°
10. DAMAGE THRESHOLD: 0.250J/cm² 10ns PULSE, 10Hz AT 532nm

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			 THORLABS www.thorlabs.com	
	NAME	DATE		
DRAWN	BAG	25/OCT/10	$\varnothing 25.4$ mm BROADBAND MIRROR 400-750nm	
APPROVAL	PM	27/OCT/10	MATERIAL	
COPYRIGHT © 2010 BY THORLABS			FUSED SILICA	
VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			ITEM #	APPROX WEIGHT
			BB1-E02	0.007 kg