



NOTES/SPECIFICATIONS:

1. CLEAR APERTURE:  $> \phi 43.2$  mm
2. SURFACE QUALITY (S1): 10-5 SCRATCH-DIG
3. SURFACE FLATNESS (S1):  $\lambda/10$  AT 633 nm  
(S2): FINE GRIND
4. PARALLELISM:  $\leq 3$  arcmin
5. THICKNESS TOLERANCE:  $\pm 0.2$  mm
6. DIAMETER TOLERANCE:  $+ 0.0/-0.1$  mm
7. DESIGN WAVELENGTH RANGE: 750-1100 nm
8. COATING: BROADBAND HR, DIELECTRIC  
 $R_{s \text{ avg}}$ :  $>99\%$  FROM 750-1100 nm  
 $R_{p \text{ avg}}$ :  $>99\%$  FROM 750-1100 nm  
 AOI:  $0^\circ$  TO  $45^\circ$
9. DAMAGE THRESHOLD: 0.5 J/cm<sup>2</sup> 10 ns PULSE, 10 Hz AT 1064 nm

FOR INFORMATION ONLY  
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			 www.thorlabs.com $\phi 50.8$ mm BROADBAND MIRROR 750-1100 nm	
NAME	DATE			
DRAWN	BAG	25/OCT/10	MATERIAL <b>FUSED SILICA</b>	
APPROVAL	BW	04/NOV/21		
COPYRIGHT © 2021 BY THORLABS <small>VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS</small>			ITEM #	APPROX WEIGHT
			BB2-E03	54 g
				REV E