



NOTES/SPECIFICATIONS:

- CLEAR APERTURE: $> \varnothing 43.2$ mm
- SURFACE QUALITY (S1): 10-5 SCRATCH-DIG
- SURFACE FLATNESS (S1): $\lambda/10$ AT 633 nm
(S2): FINE GRIND
- PARALLELISM: ≤ 3 arcmin
- THICKNESS TOLERANCE: ± 0.2 mm
- DIAMETER TOLERANCE: $+ 0.0/-0.1$ mm
- DESIGN WAVELENGTH RANGE: 400-750 nm
- COATING: BROADBAND HR, DIELECTRIC
 R_s avg: $>99\%$ FROM 400-750 nm
 R_p avg: $>99\%$ FROM 400-750 nm
AOI: 0° TO 45°
- DAMAGE THRESHOLD: 0.250 J/cm 2 10 ns PULSE, 10 Hz AT 532 nm

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION					THORLABS www.thorlabs.com	
	NAME	DATE		Ø 50.8 mm BROADBAND MIRROR 400-750 nm		
DRAWN	BAG	25/OCT/10				
APPROVAL	BW	04/NOV/21				
COPYRIGHT © 2021 BY THORLABS					MATERIAL FUSED SILICA	REV F
VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS					ITEM # BB2-E02	APPROX WEIGHT 54 g