



NOTES/SPECIFICATIONS:

1. CLEAR APERTURE: $> \varnothing 10.8$ mm
2. SURFACE QUALITY (S1): 10-5 SCRATCH-DIG
3. SURFACE FLATNESS (S1): $\lambda/10$ AT 633 nm
(S2): FINE GRIND
4. PARALLELISM: ≤ 3 arcmin
5. THICKNESS TOLERANCE: ± 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° TO 45°
9. DAMAGE THRESHOLD: 0.5 J/cm² 10 ns PULSE, 10 Hz AT 1064 nm

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			THORLABS	
NAME	DATE			
DRAWN	BAG	25/OCT/10	$\varnothing 12.7$ mm BROADBAND MIRROR 750-1100 nm	
APPROVAL	BW	04/NOV/21	MATERIAL	REV
COPYRIGHT © 2021 BY THORLABS			FUSED SILICA	E
			ITEM #	APPROX WEIGHT
VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			BB05-E03	2 g