



NOTES/SPECIFICATIONS:

1. CLEAR APERTURE: > $\varnothing 22.86$ mm
2. DIAMETER TOLERANCE: +0.0mm/-0.2 mm
3. THICKNESS TOLERANCE: ± 0.1 mm
4. WEDGE TOLERANCE: ± 10 arcmin
5. SURFACE FLATNESS: $\lambda/10$ AT 633 nm OVER THE CLEAR APERTURE
6. SURFACE QUALITY 20-10 SCRATCH-DIG
7. COATING (S1): 1.2-1.6 μ m BEAMSPLITTER COATING
8. COATING (S2): BBAR COATING $R_{avg} < 1\%$, 1.2-1.6 μ m AOI 45°
9. OVERALL PERFORMANCE: Tabs $90 \pm 8\%$, Rabs $10 \pm 8\%$
 Tabs+Rabs >99%, |Ts-Tp| < 35% and |Rs-Rp| < 35%, 1.2-1.6 μ m, 45° AOI

FOR INFORMATION ONLY
 NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			THORLABS www.thorlabs.com	
NAME	DATE	$\varnothing 25.4$ mm 90:10 UVFS BS PLATE, 1.2-1.6 μ m t=5 mm		
DRAWN	JR	13/APR/15	MATERIAL UV GRADE FUSED SILICA	
APPROVAL	BW	15/OCT/21		
COPYRIGHT © 2021 BY THORLABS			ITEM #	APPROX WEIGHT
VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			BSN12	0.03 kg