



NOTES/SPECIFICATIONS:

1. CLEAR APERTURE: >20.3 x 20.3 mm
2. SURFACE FLATNESS: $\lambda/10$ AT 633 nm
3. SURFACE QUALITY: 40-20 SCRATCH-DIG
4. TRANSMITTED WAVEFRONT ERROR: $<\lambda/4$ AT 633 nm
5. TRANSMITTED BEAM DEVIATION: <5 arcmin
6. REFLECTED BEAM DEVIATION: $90^\circ \pm 5$ arcmin
7. DIMENSIONAL TOLERANCE: $+0/-0.2$ mm
8. COATING (S1-S4): BBAR 400-700 nm, $R_{avg} < 0.5\%$, 0° AOI
9. OVERALL PERFORMANCE: $T_{abs} = 87 \pm 10\%$, $R_{abs} = 7 \pm 10/-7\%$, $T_{abs} + R_{abs} > 85\%$, $|T_s - T_p| < 10\%$ AND $|R_s - R_p| < 10\%$, 400-700 nm, 0° AOI

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			THORLABS www.thorlabs.com	
	NAME	DATE	25.4 mm NON-POLARIZING 10:90 BEAMSPLITTER CUBE 400-700 nm	
DRAWN	GG	07/DEC/11	MATERIAL	
APPROVAL	GG	24/MAY/22	N-BK7	REV C
COPYRIGHT © 2022 BY THORLABS			ITEM #	APPROX WEIGHT
VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			BS025	0.04 kg