



NOTES:

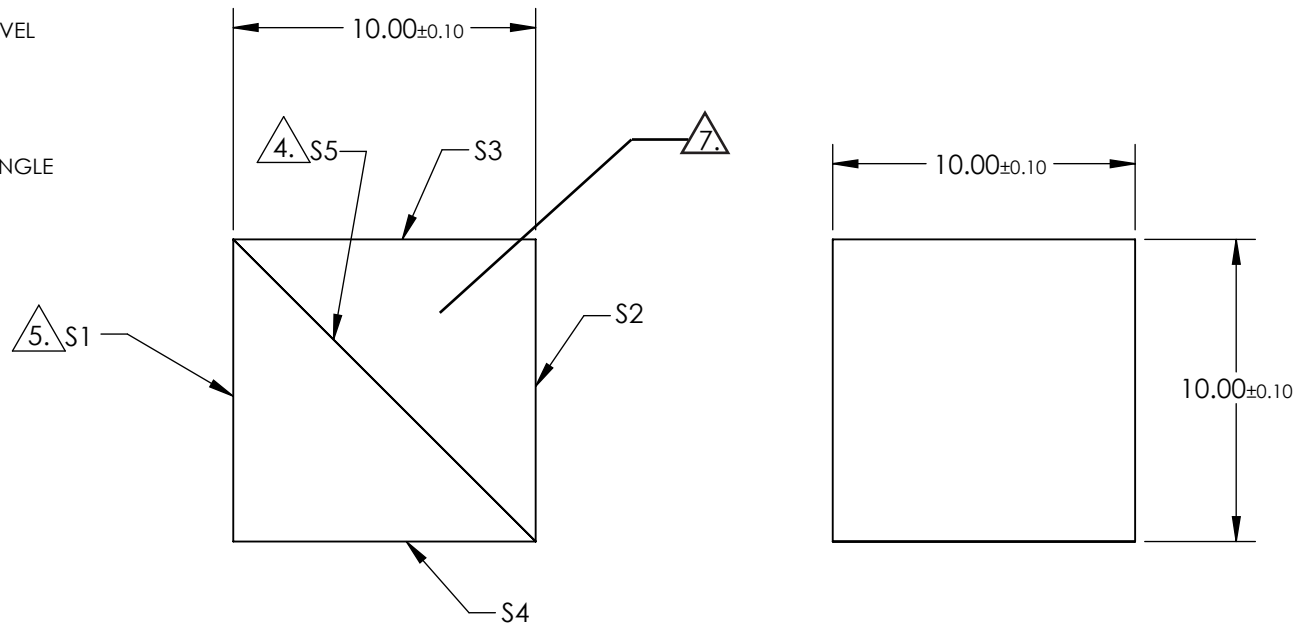
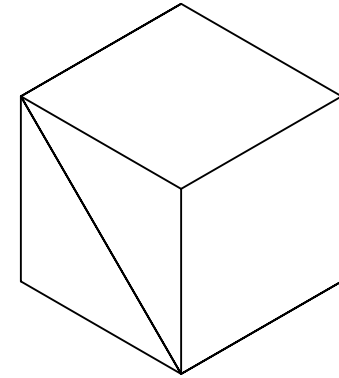
1. SUBSTRATE:
N-BK7
2. BEAM DEVIATION: ≤ 2 ARCMIN
3. COATING (APPLY ACROSS CLEAR APERTURE):
VIS (430-670nm)
S2, S3, S4: $R_{avg} < 0.5\%$ @ 430 - 670nm
S5: MULTILAYER DIELECTRIC TO ACHIEVE:
TRANSMISSION $> 45\% \pm 10\%$
POLARIZATION $< 6\%$

 ELEMENTS CEMENTED WITH NORLAND OPTICAL ADHESIVE NOA 61

 ABSORPTIVE SURFACE TREATMENT, INCLUDING BEVEL

6. DIMENSIONS APPLY AFTER SURFACE TREATMENT

 MARK IDENTIFIES BEAMSPLITTER COATED RIGHT ANGLE PRISM

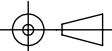


FOR INFORMATION ONLY:
DO NOT MANUFACTURE PARTS TO THIS DRAWING

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

	S2, S3, S4
SHAPE	PLANO
SURFACE FLATNESS	$\lambda/8$
SURFACE QUALITY	40 - 20
CLEAR APERTURE	$>90\%$
BEVEL	PROTECTED AS NEEDED

 **Edmund Optics**®

THIRD ANGLE PROJECTION 		TITLE	10mm VIS, 50R/50T, Non-Polarizing In-Line Cube Beamsplitter	
ALL DIMS IN	mm	DWG NO	20094	SHEET 1 OF 5