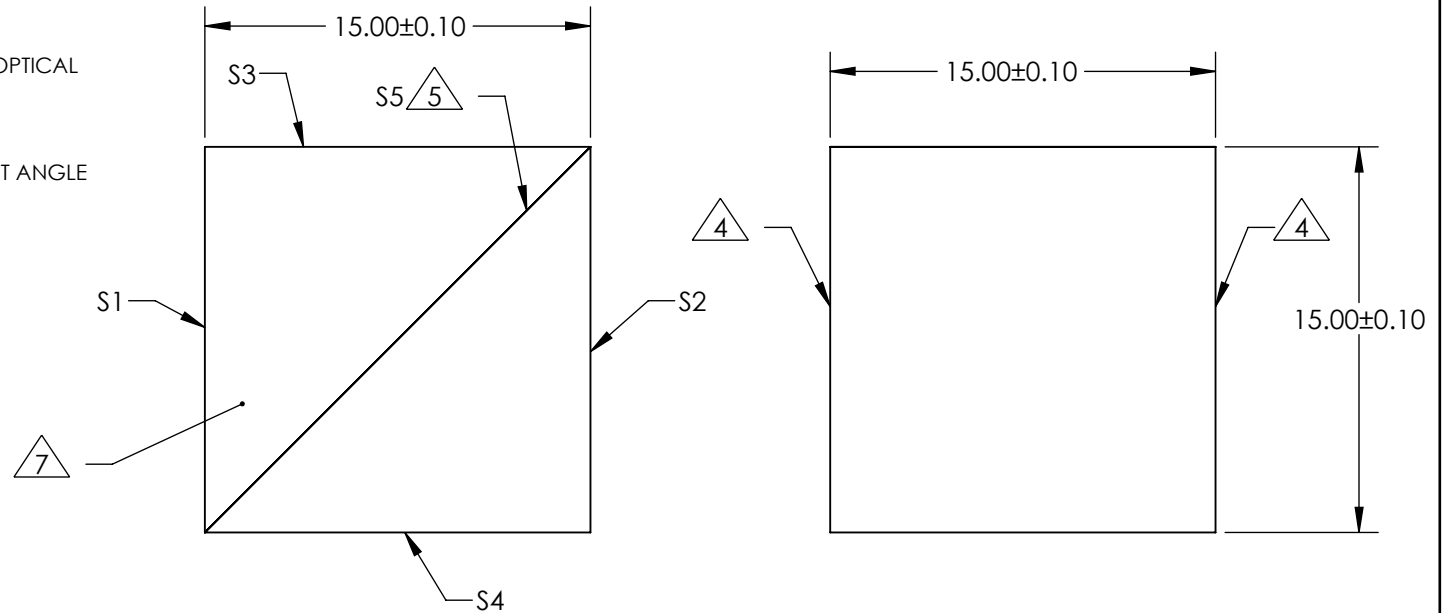


NOTES:

1. SUBSTRATE MATERIAL:
SCHOTT: N-BK7 517/642


EQUIVALENT SUBSTITUTIONS ALLOWED
2. CENTERING TOLERANCE (AT 587.6nm):
BEAM DEVIATION: <2 arc min.
3. COATING (APPLY ACROSS CLEAR APERTURE)
COATING SPECIFICATIONS APPLY FROM 1100 TO 1620nm
S1, S2, S3, & S4: R(AVG) <0.5%
S5: MULTILAYER DIELECTRIC TO ACHIEVE
TRANSMISSION > 45% ± 5%
ABSORPTION < 10%
POLARIZATION < 6%

4. FINE GROUND SURFACE
5. ELEMENTS TO BE CEMENTED WITH NORLAND OPTICAL ADHESIVE NOA 61
6. PROTECTIVE BEVEL AS NEEDED
7. 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

	S1, S2, S3, S4	S5	EFL (AT 587.6nm)	NA			
SHAPE	PLANO	PLANO	BFL (AT 587.6nm)	NA			
SURFACE ACCURACY AT 632.8nm (P-V)	1/8 WAVE	1/8 WAVE	ALL DIMS IN	mm	DWG NO	47235	SHEET 1 OF 1
SURFACE QUALITY	40 - 20	40 - 20					
MIN CLEAR APERTURE	13.50 x 13.50mm	19.09 x 13.50mm					