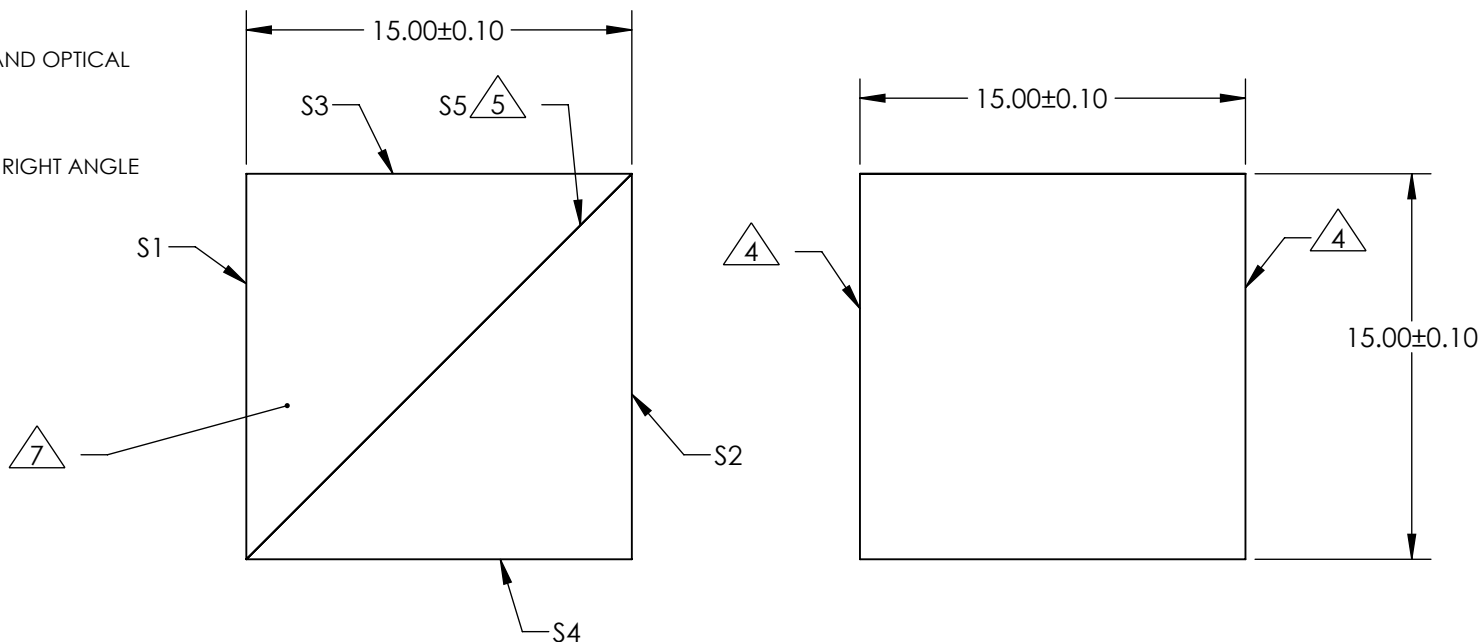


NOTES:


1. SUBSTRATE MATERIAL:  
SCHOTT: N-BK7 517/642  
  
EQUIVALENT SUBSTITUTIONS ALLOWED
2. CENTERING TOLERANCE (AT 587.6nm):  
BEAM DEVIATION: <3 arc min.
3. COATING (APPLY ACROSS CLEAR APERTURE)  
S1, S2, S3, & S4: 1/4 WAVE MGF2 @ 550nm  
S5: MULTILAYER DIELECTRIC TO ACHIEVE  
R(ABS) = 30% ± 5% @ 550nm  
T(ABS) = 70% ± 5% @ 550nm  
R(AVG) = 30% ± 10% FROM 400 TO 700nm  
T(AVG) = 70% ± 10% FROM 400 TO 700nm

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)	1/4 WAVE	1/4 WAVE	ALL DIMS IN	mm	DWG NO	68549	SHEET 1 OF 1
SURFACE QUALITY	60 - 40	60 - 40					
MIN CLEAR APERTURE	14.0 x 14.0mm	20.2 x 14.0mm					