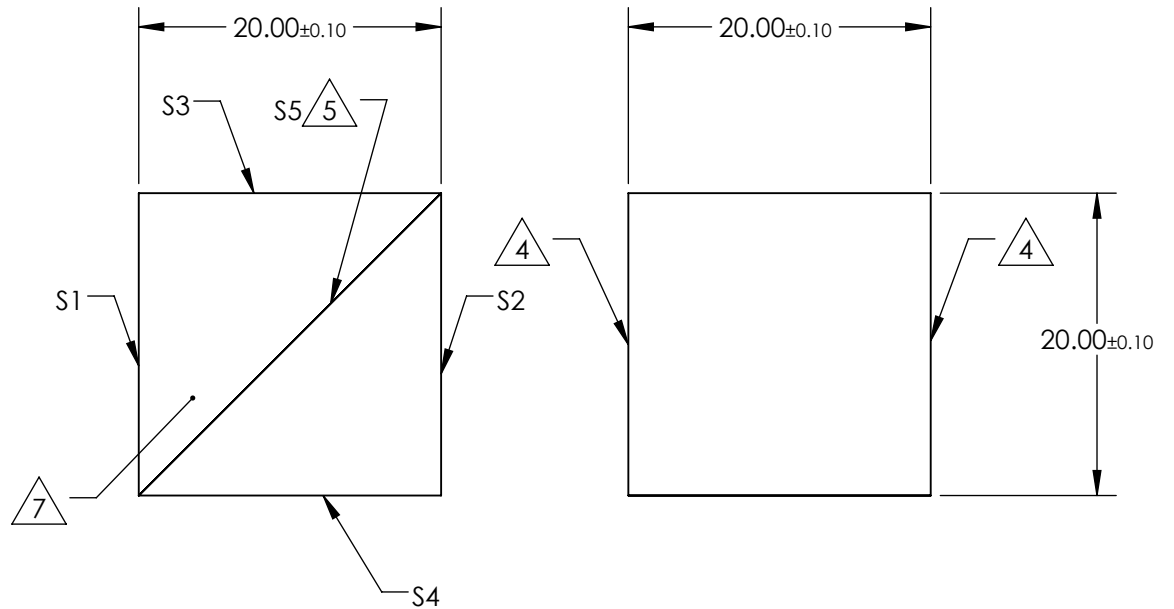


NOTES:

1. SUBSTRATE MATERIAL:  
N-BK7
2. BEAM DEVIATION:  $\pm 3$  arcmin
3. COATING (APPLY ACROSS CLEAR APERTURE)

S1, S2, S3 & S4: R(abs) < 0.25% @ 850nm  
 S5: T<sub>p</sub>/T<sub>s</sub> > 1000:1 @ 850nm  
 TRANSMISSION > 95%  
 REFLECTION > 99.5%

4. FINE GROUND SURFACE
5. ELEMENTS TO BE CEMENTED WITH NORLAND OPTICAL ADHESIVE 61
6. PROTECTIVE BEVEL AS NEEDED
7. MARK IDENTIFIES BEAMSPLITTER COATING 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	THIRD ANGLE PROJECTION		<b>Edmund Optics®</b> TITLE 20mm, 850nm, LASER LINE POLARIZING CUBE BEAMSPLITTER	
SHAPE	PLANO	PLANO				
SURFACE FLATNESS	$\lambda/4$	$\lambda/4$	ALL DIMS IN	mm	DWG NO	47783
SURFACE QUALITY	40-20	40-20				
CLEAR APERTURE	90	90				SHEET 1 OF 1