


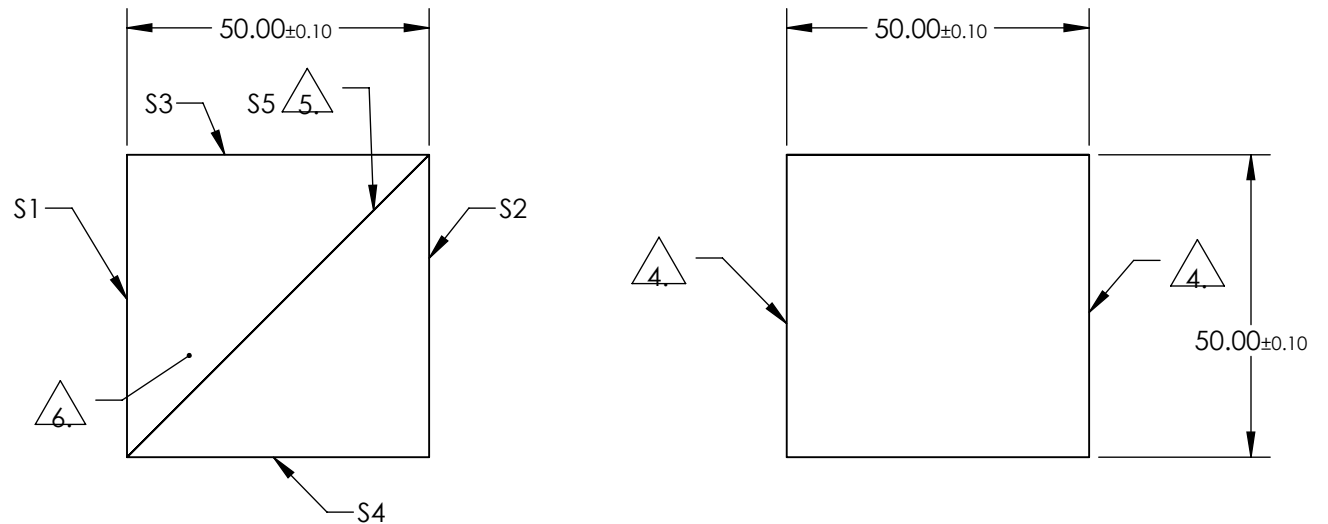


NOTES:

1. SUBSTRATE:  
N-BK7
2. CENTERING TOLERANCE (AT 587.6nm):  
BEAM DEVIATION:  $\leq 2$  ARCMIN
3. COATING (APPLY ACROSS CLEAR APERTURE):  
NIR  
S1, S2, S3, & S4: R(AVG)  $< 0.5\%$  @ 720 - 1080nm  
S5: MULTILAYER DIELECTRIC TO ACHIEVE:  
TRANSMISSION  $> 45\% \pm 5\%$   
POLARIZATION  $< 6\%$

FOR INFORMATION ONLY:  
DO NOT MANUFACTURE  
PARTS TO THIS DRAWING

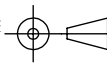
-  FINE GROUND SURFACE
-  ELEMENTS TO BE CEMENTED WITH NORLAND OPTICAL ADHESIVE NOA 61
-  MARK IDENTIFIES BEAMSPLITTED COATED RIGHT ANGLE PRISM



SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY

 **Edmund Optics®**

	S1	S2
SHAPE	PLANO	PLANO
SURFACE ACCURACY	1/8 WAVE	1/8 WAVE
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	$> 90\%$	$> 90\%$

THIRD ANGLE PROJECTION 

ALL DIMS IN mm

TITLE	50mm NIR, Non-Polarizing Cube Beamsplitter
DWG NO	49006
SHEET	1 OF 1