

NOTES:

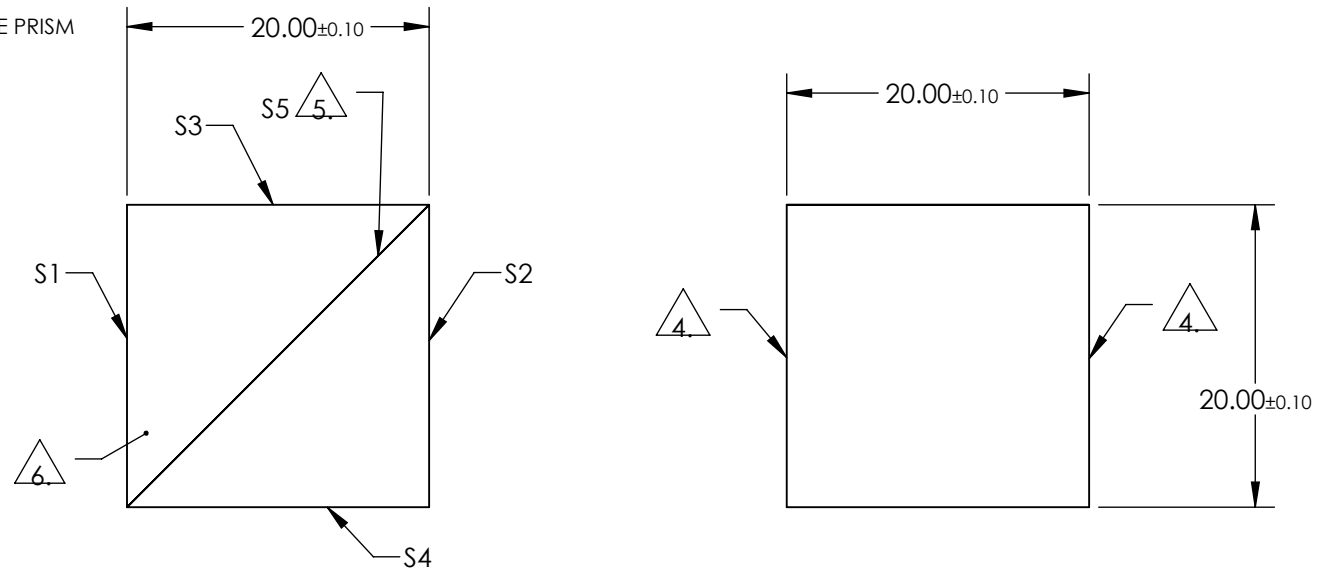
1. SUBSTRATE:  
N-BK7
2. CENTERING TOLERANCE (AT 587.6nm):  
BEAM DEVIATION:  $\leq 2$  ARCMIN
3. COATING (APPLY ACROSS CLEAR APERTURE):  
NIR  
S1, S2, S3, & S4: R(AVG)  $< 0.5\%$  @ 720 - 1080nm  
S5: MULTILAYER DIELECTRIC TO ACHIEVE:  
TRANSMISSION  $> 45\% \pm 5\%$   
POLARIZATION  $< 6\%$

FOR INFORMATION ONLY:  
DO NOT MANUFACTURE  
PARTS TO THIS DRAWING

4. FINE GROUND SURFACE

5. ELEMENTS TO BE CEMENTED WITH NORLAND OPTICAL ADHESIVE NOA 61

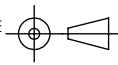
6. MARK IDENTIFIES BEAMSPLITTED COATED RIGHT ANGLE PRISM



SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY

**EO**® 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	20mm NIR, Non-Polarizing Cube Beamsplitter		
DWG NO	47124	SHEET	1 OF 1