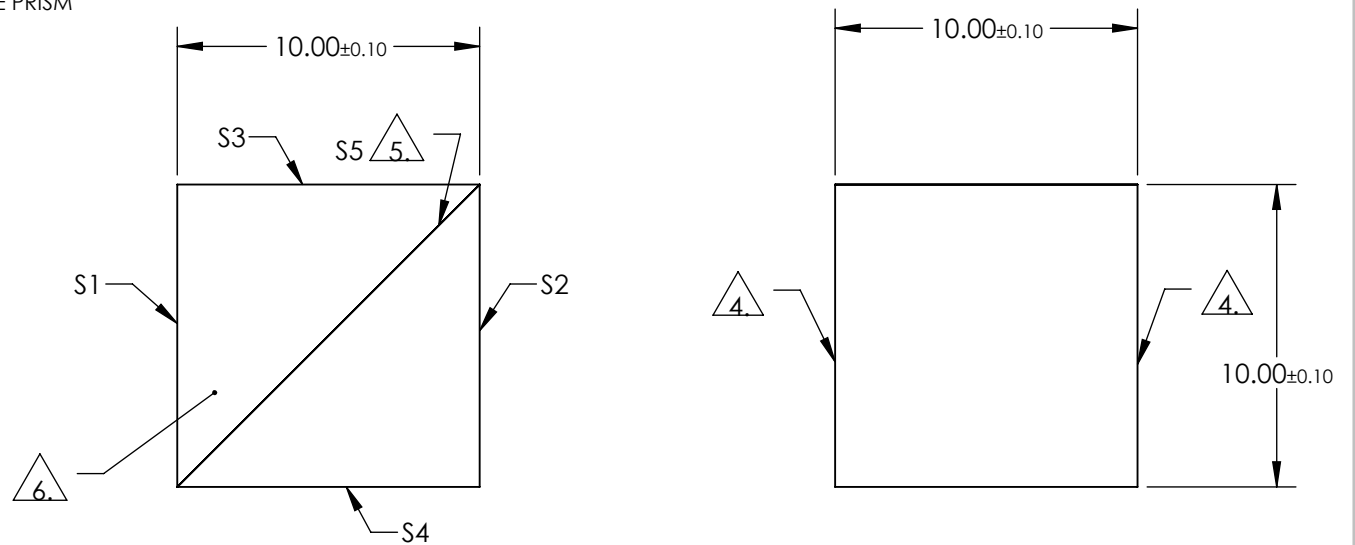


NOTES:

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

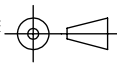
- 4. FINE GROUND SURFACE
- 5. ELEMENTS TO BE CEMENTED WITH NORLAND OPTICAL ADHESIVE NOA 61
- 6. MARK IDENTIFIES BEAMSPLITTED COATED RIGHT ANGLE PRISM



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   | %        | %        |

THIRD ANGLE PROJECTION 

ALL DIMS IN mm

| TITLE                                      | DWG NO | SHEET  |
|--|--------|--------|
| 10mm NIR, Non-Polarizing Cube Beamsplitter | 47123  | 1 OF 1 |