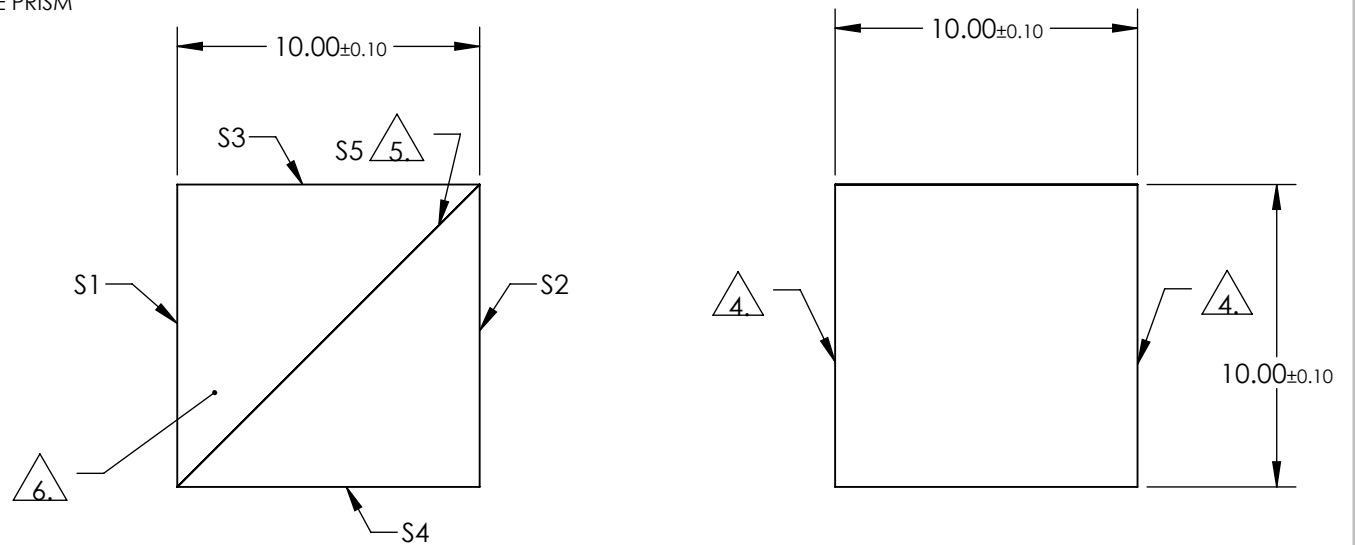


NOTES:

1. SUBSTRATE:
N-BK7
2. CENTERING TOLERANCE (AT 587.6nm):
BEAM DEVIATION: ≤ 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 $> 65\% \pm 5\%$
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 | $\lambda/8$ | $\lambda/8$ |
| SURFACE QUALITY | 40-20 | 40-20 |
| CLEAR APERTURE | $> 90\%$ | $> 90\%$ |

THIRD ANGLE PROJECTION

ALL DIMS IN mm

| TITLE | DWG NO | SHEET |
|---|--------|--------|
| 10mm NIR, 30R/70T, Non-Polarizing Cube Beamsplitter | 13422 | 1 OF 1 |