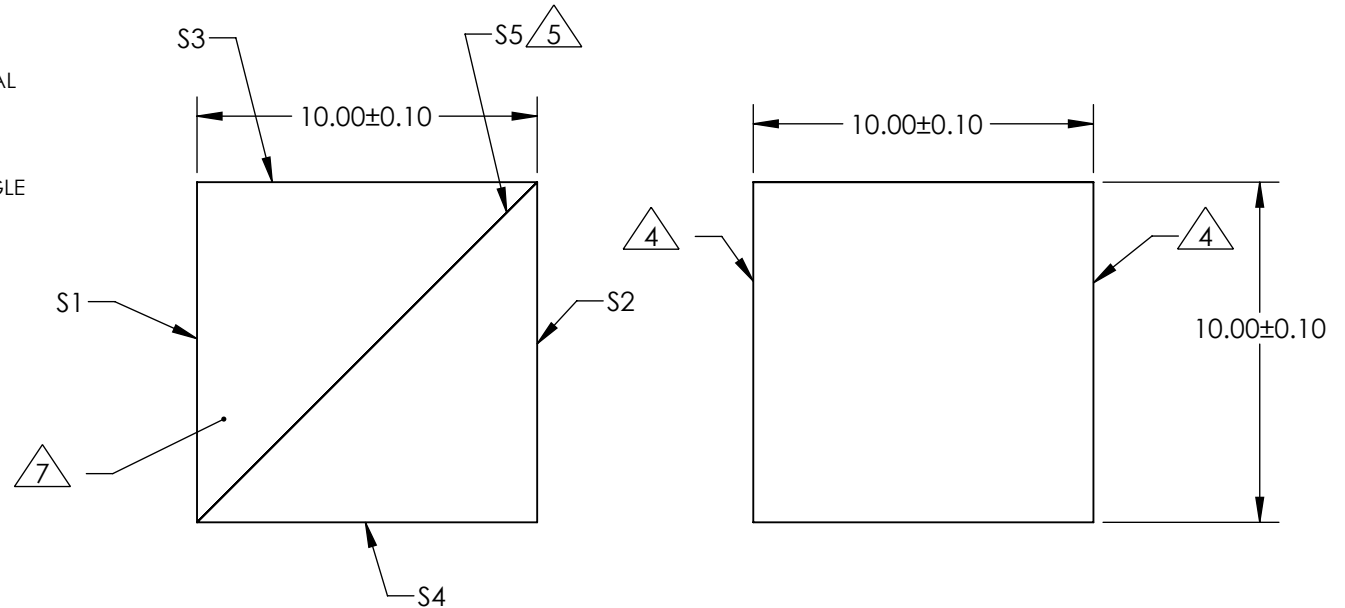


NOTES:

1. SUBSTRATE MATERIAL:
SCHOTT: N-SF11 785/258

EQUIVALENT SUBSTITUTIONS ALLOWED
2. CENTERING TOLERANCE (AT 587.6nm):
BEAM DEVIATION: <3 arc min.
3. COATING (APPLY ACROSS CLEAR APERTURE)
COATING SPECIFICATIONS APPLY FROM 420 TO 680nm
S1, S2, S3, & S4: R(AVG) <0.5%
S5: MULTILAYER DIELECTRIC TO ACHIEVE
Tp > 90%
Rs > 99%
EXTINCTION RATIO: Tp/Ts > 500:1

4. FINE GROUND SURFACE
5. ELEMENTS TO BE CEMENTED WITH NORLAND OPTICAL ADHESIVE NOA 61
6. PROTECTIVE BEVEL AS NEEDED
7. MARK IDENTIFIES BEAMSPLITTER COATED 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 | EFL (AT 587.6nm) | NA | EO ® Edmund Optics® | |
| SHAPE | PLANO | PLANO | BFL (AT 587.6nm) | NA | TITLE | Polarizing Cube Beamsplitter, 10mm, VIS |
| SURFACE ACCURACY AT 632.8nm (P-V) | 1/8 WAVE | 1/8 WAVE | ALL DIMS IN | mm | DWG NO | 48999 |
| SURFACE QUALITY | 40 - 20 | 40 - 20 | | | | SHEET 1 OF 1 |
| MIN CLEAR APERTURE | 9.00 x 9.00mm | 12.73 x 9.00mm | | | | |