


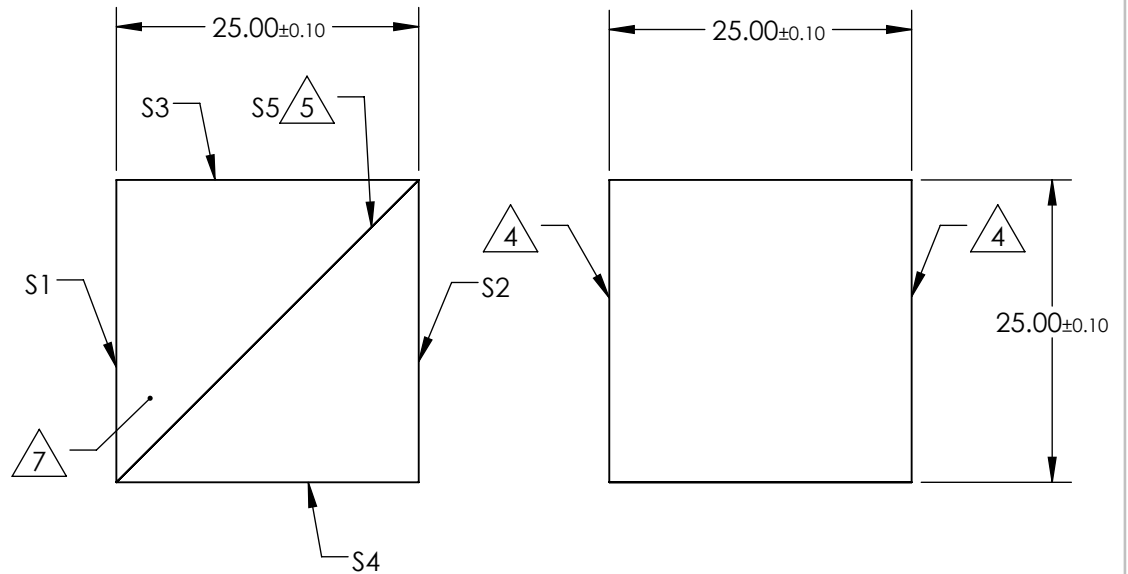


NOTES:

1. SUBSTRATE MATERIAL:  
N-BK7
2. BEAM DEVIATION:  $\pm 3$  arcmin
3. COATING (APPLY ACROSS CLEAR APERTURE)

S1, S2, S3 & S4: R(abs) <0.25% @ 532nm  
 S5: Tp/Ts >1000:1 @ 532nm  
 TRANSMISSION >95%  
 REFLECTION >99.5%

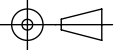
-  FINE GROUND SURFACE
-  ELEMENTS TO BE CEMENTED WITH NORLAND OPTICAL ADHESIVE 61
- 6. PROTECTIVE BEVEL AS NEEDED
-  MARK IDENTIFIES BEAMSPLITTER COATING RIGHT ANGLE PRISM



**FOR INFORMATION ONLY:  
 DO NOT MANUFACTURE  
 PARTS TO THIS DRAWING**

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
 DIMENSIONS ARE FOR REFERENCE ONLY

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|                  |                |             |  |    |        |  |              |
|------------------|----------------|-------------|--|----|--------|--|--------------|
|                  | S1, S2, S3, S4 | S5          | THIRD ANGLE PROJECTION  |    | TITLE  | 25mm, 532nm, LASER LINE POLARIZING CUBE BEAMSPLITTER |              |
| SHAPE            | PLANO          | PLANO       | ALL DIMS IN  | mm | DWG NO | 48574  | SHEET 1 OF 1 |
| SURFACE FLATNESS | $\lambda/4$    | $\lambda/4$ |  |    |        |  |              |
| SURFACE QUALITY  | 40-20          | 40-20       |  |    |        |  |              |
| CLEAR APERTURE   | 90             | 90          |  |    |        |  |              |