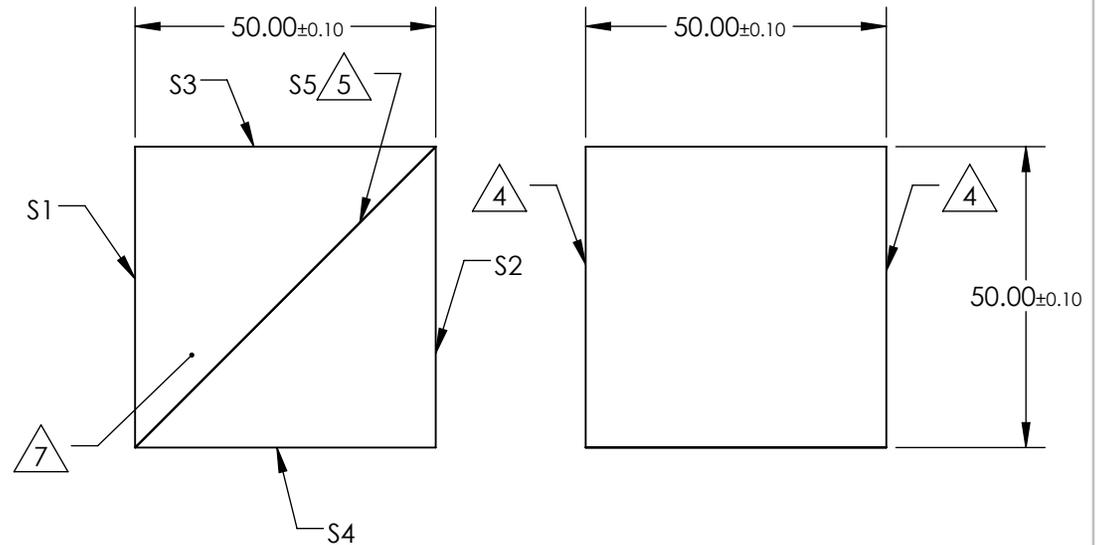


NOTES:

1. SUBSTRATE MATERIAL:
N-BK7
2. CENTERING TOLERANCE (AT 632.8nm):
BEAM DEVIATION: ± 3 arcmin
3. COATING (APPLY ACROSS CLEAR APERTURE)

S1, S2, S3 & S4: R(abs) $< 0.25\%$ @ 632.8nm
 S5: Tp/Ts $> 1000:1$ @ 632.8nm
 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

REV. 001	S1, S2, S3, S4	S5
SHAPE	PLANO	PLANO
SURFACE FLATNESS	$\lambda/4$	$\lambda/4$
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	90	90



ALL DIMS IN

mm

 **Edmund Optics®**

TITLE

50mm, 632.8nm, LASER LINE POLARIZING
CUBE BEAMSPLITTER

DWG NO

48864

SHEET
1 OF 1