

NOTES:

1. SUBSTRATE:
N-BK7

2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN ≤ 3 ARCMIN

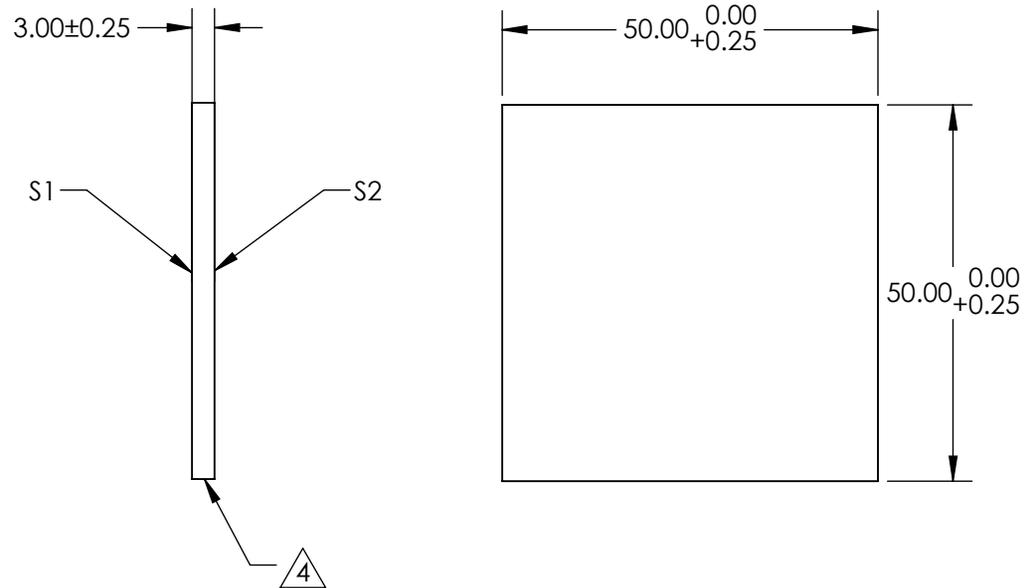
3. COATING (APPLY ACROSS CLEAR APERTURE)

S1: 80% R $\pm 5\%$ @ 900nm
20% T $\pm 5\%$ @ 900nm

S2: AR R(avg) $\leq 1\%$, R(abs) $\leq 2\%$ @ 700 - 1100nm

4.  CUT WITH 0.25mm MAXIMUM EDGE CHIP

5. ROHS COMPLIANT

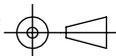


**FOR INFORMATION ONLY:
DO NOT MANUFACTURE
PARTS TO THIS DRAWING**

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

 **Edmund Optics®**

	S1	S2
SHAPE	PLANO	PLANO
ANGLE OF INCIDENCE	45°	45°
SURFACE QUALITY	60 - 40	60 - 40
SURFACE FLATNESS	1λ PER 25mm	1λ PER 25mm

THIRD ANGLE PROJECTION 

ALL DIMS IN mm

TITLE	50 x 50mm 80R/20T, NIR Plate Beamsplitter		
DWG NO	68430	SHEET	47 OF 49