

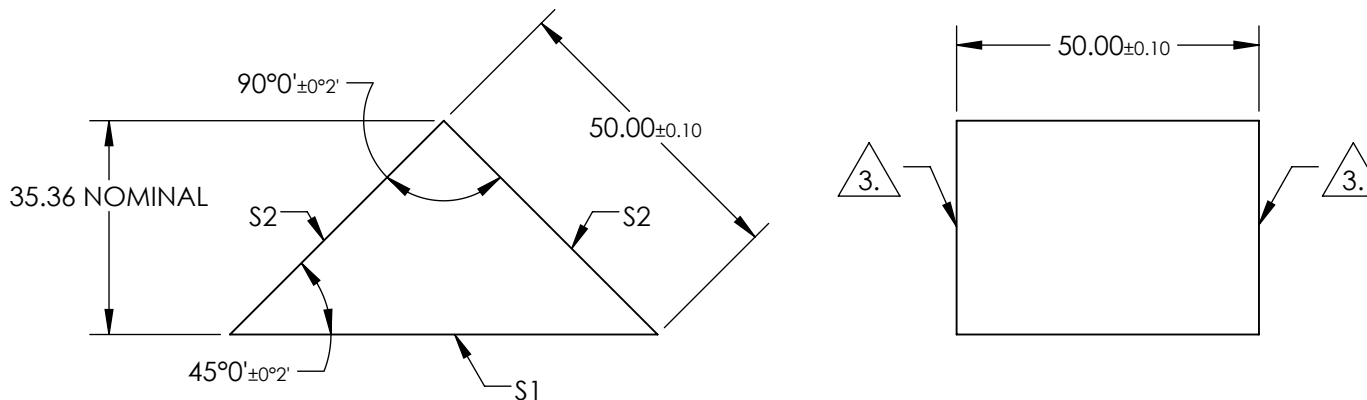
NOTES:

1. SUBSTRATE:  
N-BK7
2. COATING (APPLY ACROSS COATING APERTURE)  
S1: ALUMINUM WITH PROTECTIVE OVERCOAT W/ BLACK OVERPAINT  
R(AVG) > 85% FROM 400-700nm @ 0° AOI  
R(AVG) > 90% FROM 400-2,000nm @ 0° AOI  
  
S2: ¼ WAVE MgF2 @ 550nm  
R(AVG) < 1.75% FROM 400-700nm (N-BK7)

3. FINE GRIND SURFACE

4. RoHS COMPLIANT

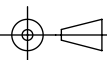
5. TYPICAL ENERGY DENSITY: 0.3 J/cm<sup>2</sup> @ 10ns @ 532nm & 1064nm



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

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY

REV. A	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	60-40	60-40
CLEAR APERTURE	63.63 x 45	45 x 45
COATING APERTURE	63.63 x 45	45 x 45
SURFACE FLATNESS	λ/4	λ/4
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

THIRD ANGLE PROJECTION 

ALL DIMS IN mm

 **Edmund Optics®**

TITLE: 50mm, Aluminum & MgF2 Coated, N-BK7 Right Angle Prism

DWG NO: 45397

SHEET 1 OF 1