

NOTES:

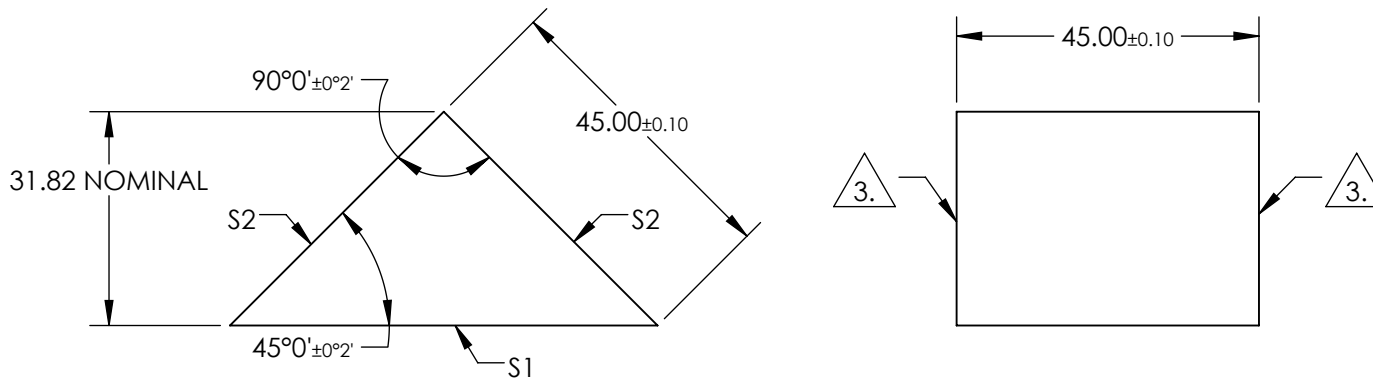
1. SUBSTRATE:
N-BK7
2. COATING (APPLY ACROSS COATING APERTURE)
S1: ALUMINUM WITH PROTECTIVE OVERCOAT W/ BLACK OVERPAINT
R(AVG) > 85% FROM 400-700nm @ 0° AOI
R(AVG) > 90% FROM 400-2,000nm @ 0° AOI

S2: ¼ WAVE MgF2 @ 550nm
R(AVG) < 1.75% FROM 400-700nm (N-BK7)

3. FINE GRIND SURFACE

4. RoHS COMPLIANT

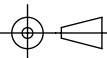
5. TYPICAL ENERGY DENSITY: 0.3 J/cm² @ 10ns @ 532nm & 1064nm



**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	57.24 x 40.5	40.5 x 40.5
COATING APERTURE	57.24 x 40.5	40.5 x 40.5
SURFACE FLATNESS	λ/4	λ/4
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

THIRD ANGLE PROJECTION 

ALL DIMS IN mm

 **Edmund Optics®**

TITLE: 45mm, Aluminum & MgF2 Coated, N-BK7 Right Angle Prism

DWG NO: 45396

SHEET 1 OF 1