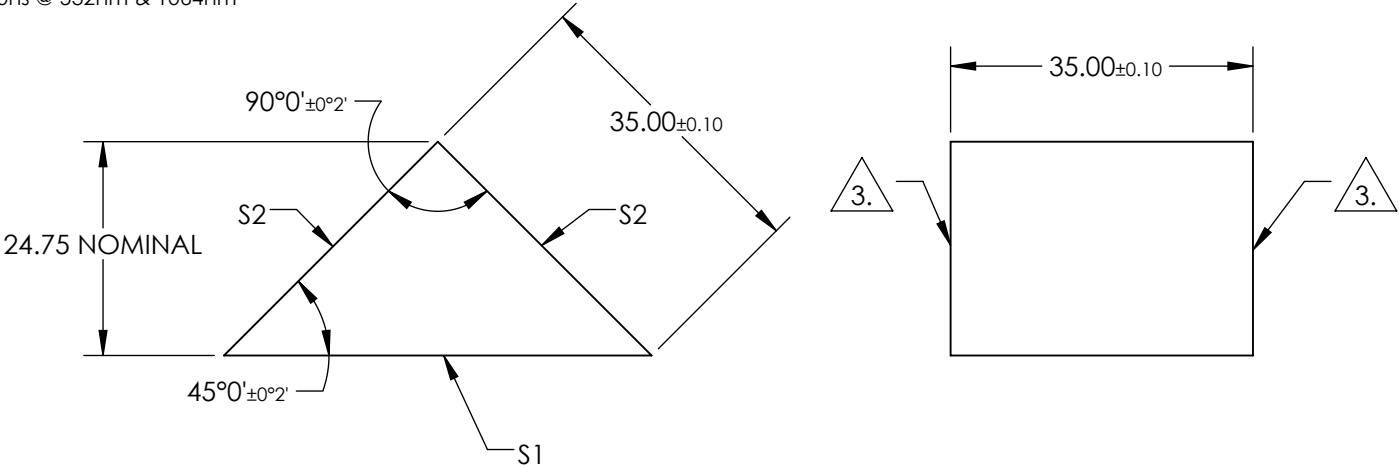


NOTES:

- 1. SUBSTRATE:  
N-BK7
- 2. COATING (APPLY ACROSS COATING APERTURE)  
S1: ALUMINUM WITH PROTECTIVE OVERCOAT W/ BLACK OVERPAINT  
R(AVG) > 85% FROM 400-700nm @ 45° AOI  
R(AVG) > 90% FROM 400-2,000nm @ 45° 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	44.55 x 31.5	31.5 x 31.5				
COATING APERTURE	44.55 x 31.5	31.5 x 31.5				
SURFACE FLATNESS	λ/4	λ/4				
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED				

THIRD ANGLE PROJECTION		TITLE	
ALL DIMS IN	mm	DWG NO	

		35mm, Aluminum & MgF2 Coated, N-BK7 Right Angle Prism	
		45394	SHEET 1 OF 1