

NOTES:

1. SUBSTRATE: N-BK7
2. INCIDENT AND REFLECTED BEAMS SHALL BE PARALLEL TO WITHIN 10 ARCSEC
3. COATING (APPLY ACROSS COATING APERTURE)
 S1: SILVER WITH PROTECTED OVERCOAT (BLACK OVERPAINT)
 R(ABS) >97% FROM 400 - 2500nm @ 0° AOI
 R(AVG) >98% FROM 400 - 2500nm @ 0° AOI

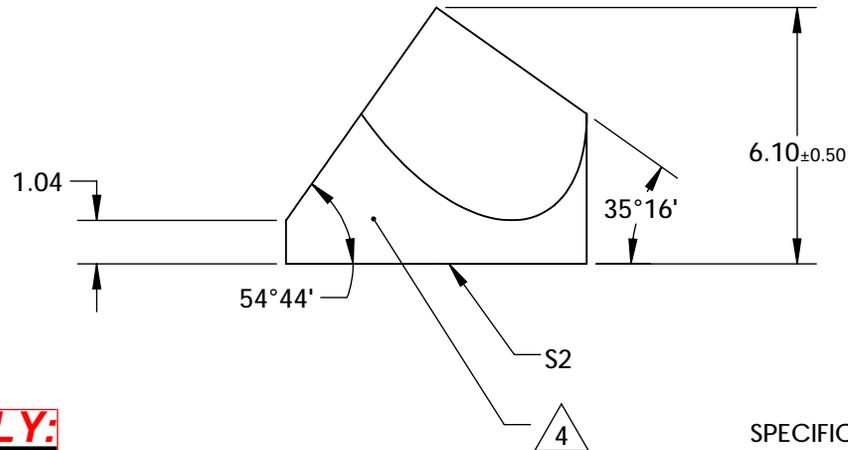
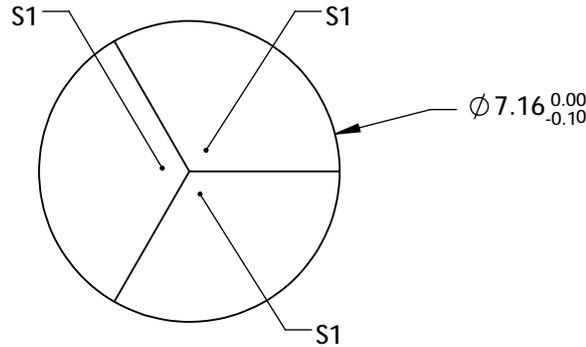
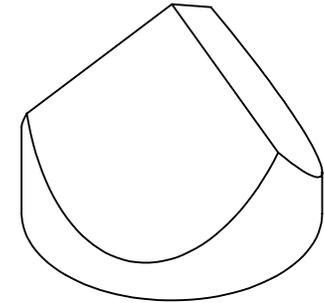
 ENTRANCE: Rabs ≤1.5% @ 750 - 800nm,
 Rabs ≤1.0% @ 800 - 1550nm,
 Ravg ≤0.7% @ 750 - 1550nm

 S2: NIR II
 R(AVG) ≤ 1.5% @ 750 - 800nm
 R(AVG) ≤ 1.0% @ 800 - 1550nm
 R(AVG) ≤ 0.7% @ 750 - 1550nm

4. FINE GRIND SURFACE

5. ROHS COMPLIANT

Note: Protective Overcoat Increases diameter by 30-60µm

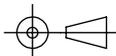


**FOR INFORMATION ONLY:
DO NOT MANUFACTURE
PARTS TO THIS DRAWING**

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

EO® Edmund Optics®

REV A	S1 & S2
SURFACE FLATNESS	λ/8
SURFACE QUALITY	60-40
WAVELENGTH RANGE	750 - 1550 nm
BEVEL	PROTECTED AS NEEDED

THIRD ANGLE PROJECTION 

ALL DIMS IN mm

TITLE	7.16mm SILVER AND NIR II COATED, CORNER CUBE PRISM
DWG NO	12488
SHEET	1 OF 1