

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

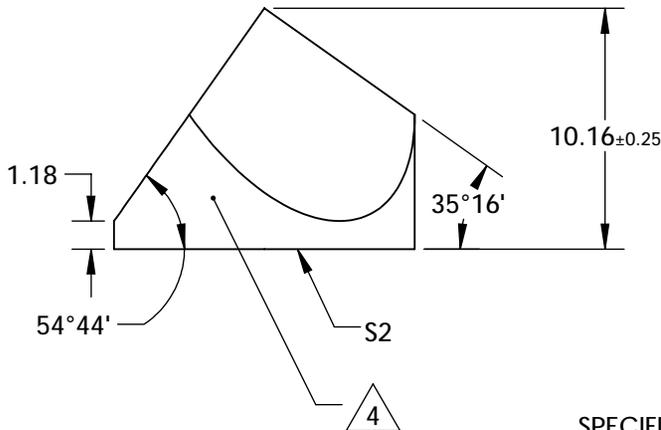
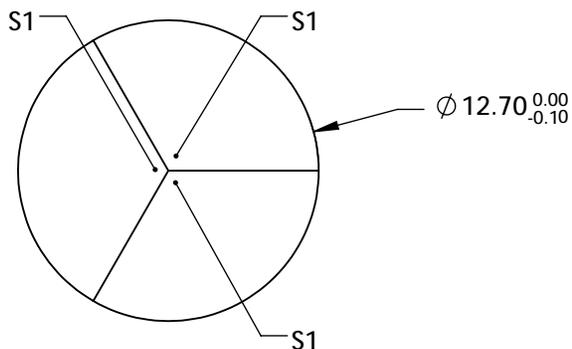
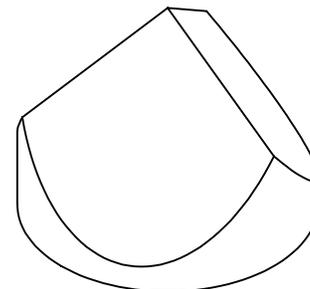
ENTRANCE: Rabs ≤1.5% @ 750 - 800nm,
 Rabs ≤1.0% @ 800 - 1550nm,
 Ravg ≤0.7% @ 750 - 1550nm

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 - 1550nm |
| BEVEL | PROTECTED AS NEEDED |

THIRD ANGLE PROJECTION

ALL DIMS IN mm

| | |
|--------|--|
| TITLE | 12.7mm SILVER AND NIR II COATED, CORNER CUBE PRISM |
| DWG NO | 12489 |
| SHEET | 1 OF 1 |