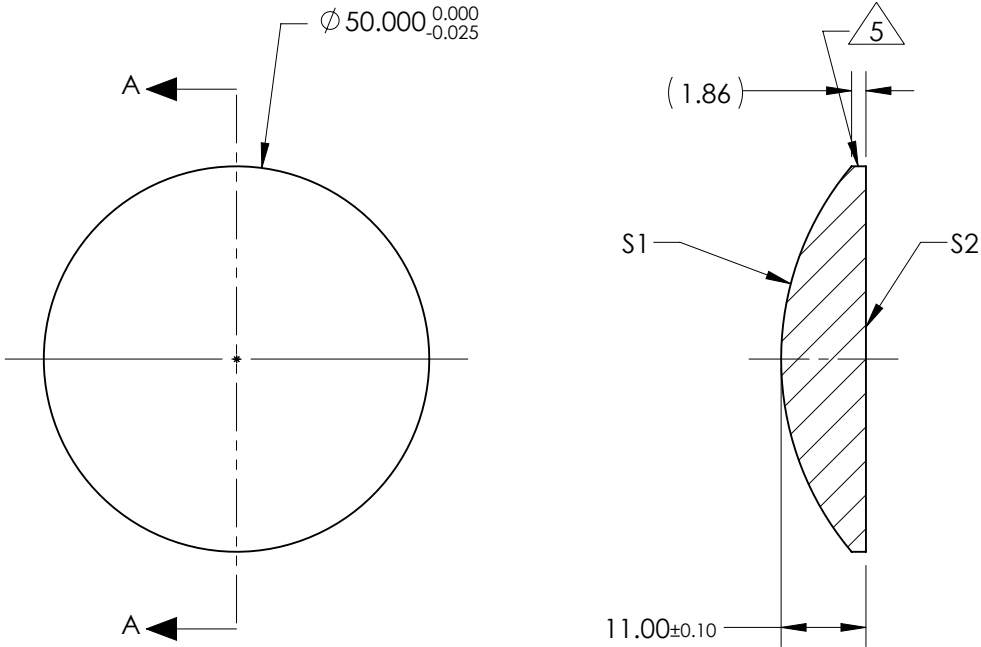


NOTES:

- 1. SUBSTRATE:
GRADE A FINE ANNEALED
SCHOTT: N-BK7 517/642
- 2. ROHS COMPLIANT
- 3. CENTERING TOLERANCE (AT 587.6nm):
BEAM DEVIATION (HALF ANGLE): <1 ARCMIN
- 4. COATING (APPLY ACROSS COATING APERTURE)
S1 & S2: VIS 0°
R(AVG) ≤ 0.4% FROM 425-675nm @ 0° AOI
- 5. FINE GRIND SURFACE
- 6. POWER, IRREGULARITY, AND SURFACE QUALITY
SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
- 7. FOCAL LENGTH (EFL): 75.00mm±1%
BACK FOCAL LENGTH (BFL): 67.75mm
- 8. PROTECTIVE BEVEL AS NEEDED
- 9. DESIGN WAVELENGTH: 587.6nm



SECTION A-A

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

	S1	S2
SHAPE	CONVEX	PLANO
RADIUS	38.76	INFINITY
SURFACE QUALITY	40 - 20	40 - 20
MIN CLEAR APERTURE	Ø 49.00	Ø 49.00
MIN COATING APERTURE	Ø 49.00	Ø 49.00
POWER AT 632.8nm	3.00 RINGS	3.00 RINGS
IRREGULARITY AT 632.8nm	0.50 RINGS	0.50 RINGS

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

 Edmund Optics®			
TITLE	50.0mm Dia. x 75.0mm FL, VIS 0 Coated, Plano-Convex Lens		
DWG NO	48245	SHEET 1 OF 1	

THIRD ANGLE
PROJECTION



ALL DIMS IN

mm