

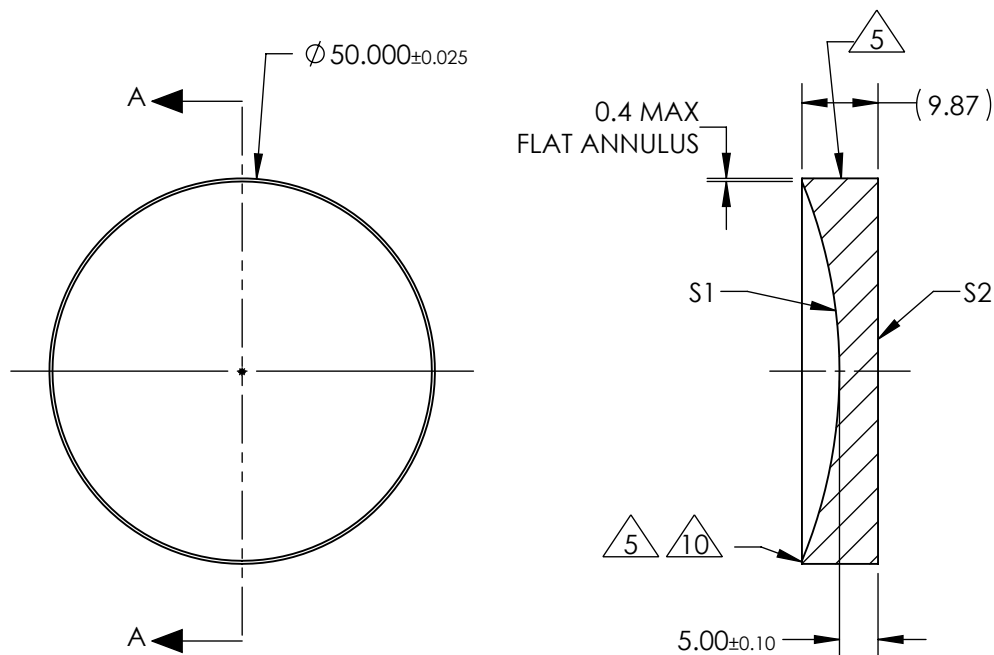
NOTES:

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: NIR II  
R(ABS) ≤ 1.5% FROM 750-800nm @ 0° AOI  
R(ABS) ≤ 1.0% FROM 800-1550nm @ 0° AOI  
R(AVG) ≤ 0.7% FROM 750-1550nm @ 0° AOI

△5 FINE GRIND SURFACE

6. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
7. FOCAL LENGTH (EFL): -125.00mm±1%  
BACK FOCAL LENGTH (BFL): -128.30mm
8. PROTECTIVE BEVEL AS NEEDED
9. DESIGN WAVELENGTH: 587.6nm

△10 BLACKENED SURFACE



SECTION A-A

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

	S1	S2
SHAPE	CONCAVE	PLANO
RADIUS	64.60	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

**EO**® Edmund Optics®



THIRD ANGLE  
PROJECTION

ALL DIMS IN

mm

TITLE

50mm Diameter x -125 FL, NIR II, Inked,  
Plano-Concave Lens

DWG NO

68004INK

SHEET  
1 OF 1