## NOTES:

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)

\$1 & \$2: NIR II  $R(ABS) \le 1.5\%$  FROM 750-800nm @ 0° AOI  $R(ABS) \le 1.0\%$  FROM 800-1550nm @ 0° AOI  $R(AVG) \le 0.7\%$  FROM 750-1550nm @ 0° AOI

5. FINE GRIND SURFACE

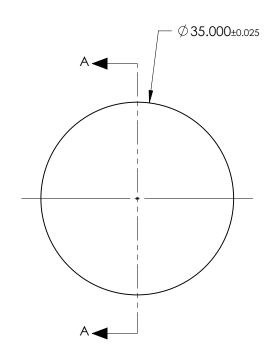
6. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE

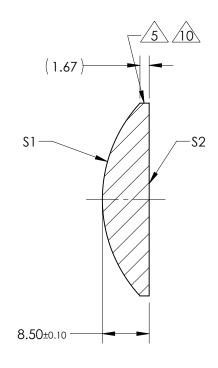
7. FOCAL LENGTH (EFL): 50.00mm ±1% BACK FOCAL LENGTH (BFL): 44.40mm

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

	\$1	\$2			
SHAPE	CONVEX	PLANO			
RADIUS	25.84	INFINITY			
SURFACE QUALITY	40 - 20	40 - 20			
MIN CLEAR APERTURE	Ø34.00	Ø34.00			
MIN COATING APERTURE	Ø34.00	Ø34.00			
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

		<b>Edmund Optics</b> ®		
THIRD ANG PROJECTIO		TITLE	35.0mm Dia. x 50.0mm FL, NIR II, Inked, Plano-Convex Lens	
ALL DIMS IN	mm	DWG NO	38434INK	SHEET 1 OF 1