

NOTES:

1. SUBSTRATE:

ELEMENT A: N-BAK4 569/561

ELEMENT B: N-SF10 728/284

2. ROHS COMPLIANT

3. CENTERING TOLERANCE (AT 587.6nm):

BEAM DEVIATION (HALF ANGLE): <1 ARCMIN

4. COATING (APPLY ACROSS COATING APERTURE)

S1 & S4: VIS 0°

R(AVG) ≤ 0.4% FROM 425 - 675nm @ 0° AOI

S2 & S3: NONE



FINE GRIND SURFACE

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

7. FOCAL LENGTH (EFL): 350.00mm±1%

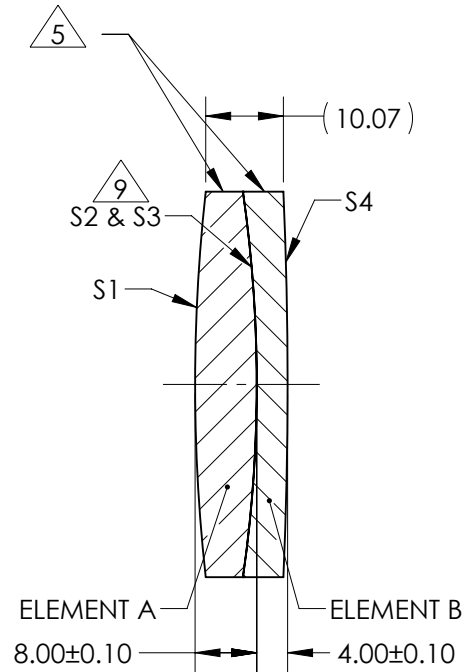
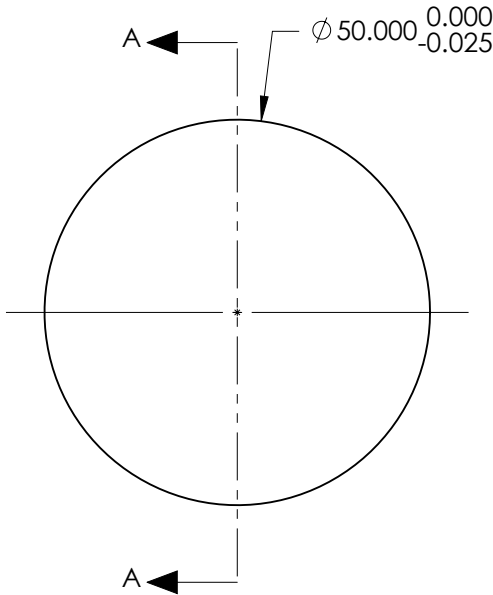
BACK FOCAL LENGTH (BFL): 344.32mm

8. PROTECTIVE BEVEL AS NEEDED

9. DESIGN WAVELENGTH: 587.6nm



ELEMENTS TO BE CEMENTED WITH NORLAND OPTICAL ADHESIVE NOA61



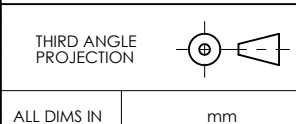
SECTION A-A

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

ELEMENT TITLE	SPECIFICATIONS AFTER CEMENTING			
	ELEMENT A		ELEMENT B	
SURFACE	S1	S2	S3	S4
SHAPE	CONVEX	CONVEX	CONCAVE	CONVEX
RADIUS	227.16	174.83	174.83	571.49
SURFACE QUALITY	40 - 20	40 - 20	40 - 20	40 - 20
MIN CLEAR APERTURE	Ø 49.00	Ø 49.00	Ø 49.00	Ø 49.00
MIN COATING APERTURE	Ø 49.00	N/A	N/A	Ø 49.00
POWER AT 632.8nm	3.00 RINGS	3.00 RINGS	3.00 RINGS	3.00 RINGS
IRREGULARITY AT 632.8nm	0.50 RINGS	0.50 RINGS	0.50 RINGS	0.50 RINGS

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

EO® Edmund Optics®



TITLE	50mm Dia. x 350mm FL, VIS 0 Coated, Achromatic Lens		
DWG NO	49289	SHEET 1 OF 1	