

NOTES:

1. ALLOWABLE OPTICAL MATERIAL:
OHARA: L-BAL35 589/612
2. CENTERING TOLERANCE (AT 587.6nm):
BEAM DEVIATION: ≤ 1 arcmin
3. COATING (APPLY ACROSS CLEAR APERTURE)
S1: NONE
S2: NONE

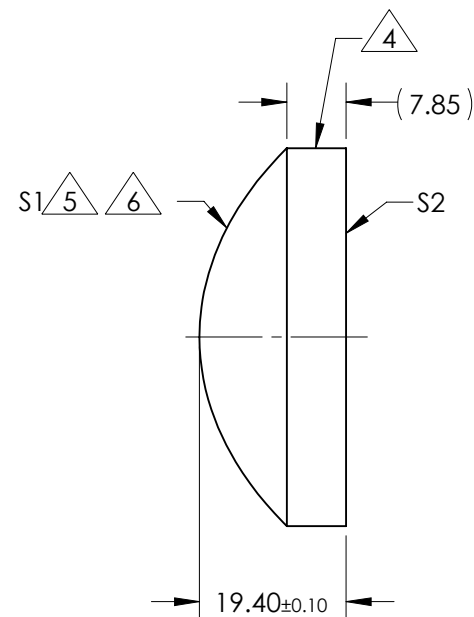
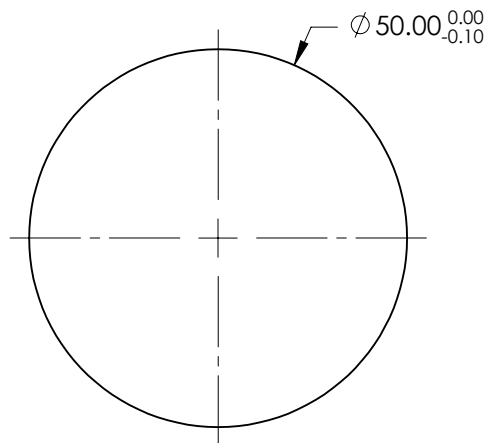
4. FINE GROUND SURFACE

5. SURFACE ACCURACY S1: $< 0.25\mu\text{m}$ RMS

6. ASPHERIC SURFACE:

$$Z(Y) = \frac{C*Y^2}{1+\text{SQRT}[1-(1+k)*C^2*Y^2]} + D*Y^2 + E*Y^4 + F*Y^6 + G*Y^8 + H*Y^{10} + J*Y^{12} + L*Y^{14}$$

C = 3.394894E-02
k = -1.431442E+00
D = 0
E = 4.289678E-06
F = -1.553732E-10
G = 1.963218E-13
H = -7.350410E-17
J = 0.000000E+00
L = 0.000000E+00



FOR INFORMATION ONLY:
DO NOT MANUFACTURE PARTS TO THIS DRAWING

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2				
SHAPE	CONVEX	PLANO	EFL (AT 587.6nm)	(50.00)	 Edmund Optics®	
RADIUS	29.456 $\pm 0.5\%$ 6	INFINITY	BFL (AT 587.6nm)	(37.79)		
SURFACE QUALITY	20 - 10	20 - 10	ALL DIMS IN	mm	TITLE	ø50mm Calibration Grade Aspheric Lens, 0.50 NA, Uncoated
MIN CLEAR APERTURE	ø 46.00	ø 46.00	DWG NO	69144		
BEVEL MAX FACE	0.5 x 45°	0.5 x 45°			SHEET 1 OF 1	