

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

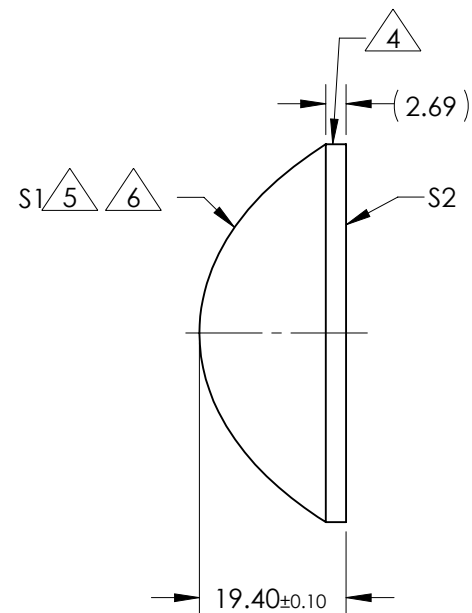
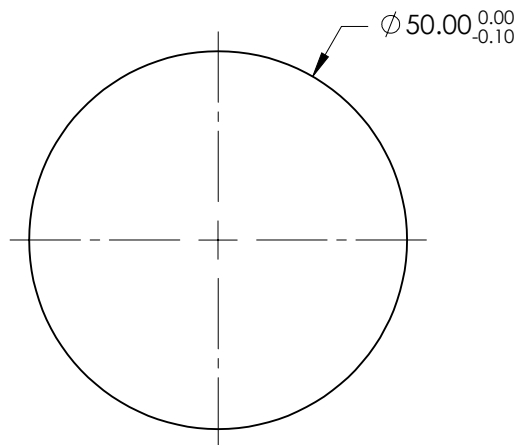
4. FINE GROUND SURFACE

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

6. ASPHERIC SURFACE:

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

C = 4.526525E-02
k = -8.332053E-01
D = 0
E = 3.488076E-06
F = 1.151812E-09
G = 1.201843E-12
H = -1.183529E-15
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)	(37.50)	 Edmund Optics®	
RADIUS	22.092 $\pm 0.5\%$ 6	INFINITY	BFL (AT 587.6nm)	(25.29)		
SURFACE QUALITY	20 - 10	20 - 10	ALL DIMS IN	mm	TITLE	ø50mm Calibration Grade Aspheric Lens, 0.66 NA, Uncoated
MIN CLEAR APERTURE	ø 46.00	ø 46.00	DWG NO	69143		
BEVEL MAX FACE	0.5 x 45°	0.5 x 45°			SHEET 1 OF 1	