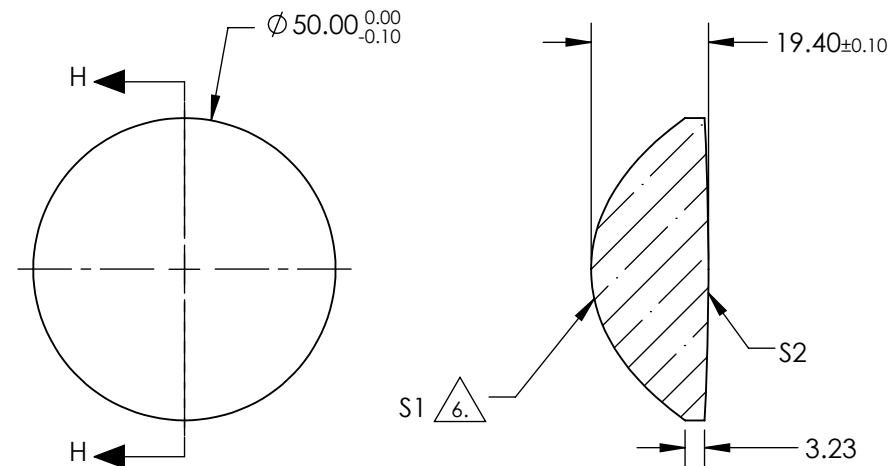NOTES:
1. SUBSTRATE: L-BAL35

2. COATING (APPLY ACROSS CLEAR APERTURE)

    S1: R(avg) ≤1.5% @ 600 - 1050nm
    S2: R(avg) ≤1.5% @ 600 - 1050nm

3. EDGES: FINE GROuND

4. CENTERING: 3-5 ARCMIN

5. ASPHERE FIGURE ERROR: 0.75 µm RMS

/6.\ ASPHERIC SURFACE DESCRIBED BY (REF. COEFFICIENT TABLE)

$$Z_{ASPH}(Y) = \frac{(1/RADIUS)*Y^2}{1+\sqrt{1-(1+k)*(1/RADIUS)^2*Y^2}} + D*Y^2 + E*Y^4 + F*Y^6 + G*Y^8 + H*Y^{10} + J*Y^{12} + L*Y^{14}$$
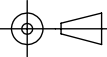
$\varnothing$ 50.00 $^{0.00}_{-0.10}$

19.40 ±0.10

S1 /6.\

S2

3.23

SECTION H-H

COEFFIECIENT TABLE /6.\	
COEFFIECIENT	S1
SEMI-DIAMETER	25.000000E+00
(1/RADIUS)	4.389574E-02
k	-6.321058E-01
D	0.000000E+00
E	0.000000E+00
F	1.614851E-09
G	-3.644437E-12
H	0.000000E+00
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

REV. A	S1	S2	EFL @ 587.6µm	37.5	EO® Edmund Optics®		
SHAPE	CONVEX	CONVEX	BFL @ 587.6µm	25.74			
RADIUS	22.781	500.000	THIRD ANGLE PROJECTION		TITLE	50mm DIA., 0.66 NUMERICAL APERTURE NIR COATED, ASPHERIC LENS	
SURFACE QUALITY	60-40	60-40					
CLEAR APERTURE	90%	90%					
BEVEL MAX	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED	ALL DIMS IN	mm	DWG NO	66335	SHEET 1 OF 1