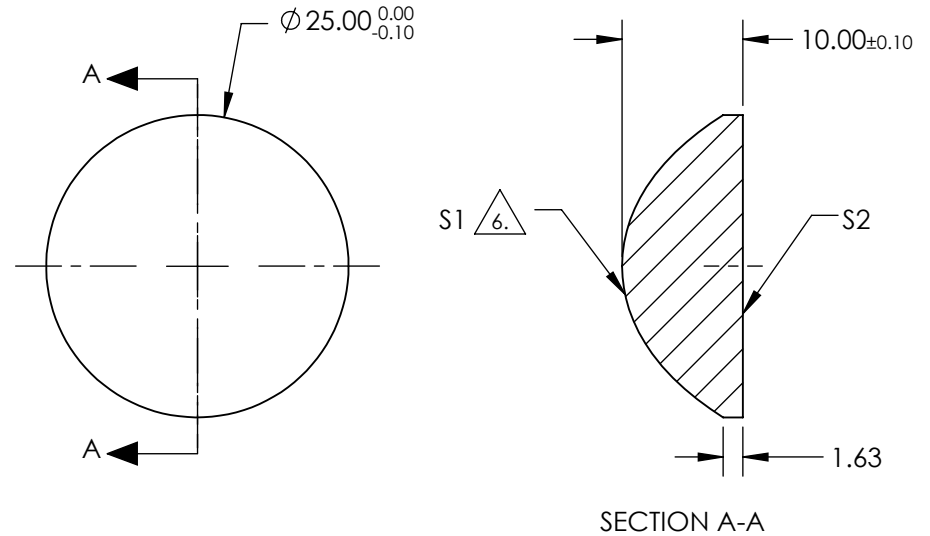NOTES:

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)

$$Z_{ASPH}(Y) = \frac{(1/RADIUS)*Y^2}{1+\sqrt{1-(1+k)*(1/RADIUS)^2*Y^2}} + D*Y^2 + E*Y^4 + F*Y^6 + G*Y^8 + H*Y^{10} + J*Y^{12} + L*Y^{14}$$
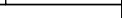
$\varnothing\ 25.00\ ^{0.00}_{-0.10}$

10.00 ± 0.10

A — A

S1 ⟨6.⟩   S2

1.63

SECTION A-A

COEFFICIENT TABLE ⟨6.⟩

COEFFICIENT	S1
SEMI-DIAMETER	12.500000E+00
(1/RADIUS)	9.053100E-02
k	-0.753209E+00
D	0.000000E+00
E	2.055097E-05
F	2.629690E-08
G	1.416305E-10
H	-6.623824E-13
J	0.000000E+00
L	0.000000E+00

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE DIMENSIONS ARE FOR REFERENCE ONLY

REV. A	S1	S2	EFL @ 587.6µm	18.75		Edmund Optics®
SHAPE	CONVEX	PLANO	BFL @ 587.6µm	12.46		
RADIUS	11.046	INFINITY				25mm DIA., 0.66 NUMERICAL APERTURE NIR COATED, ASPHERIC LENS
SURFACE QUALITY	60-40	60-40	THIRD ANGLE PROJECTION		TITLE	
CLEAR APERTURE	90%	90%				
BEVEL MAX	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED	ALL DIMS IN	mm	DWG NO	49113

SHEET 1 OF 1