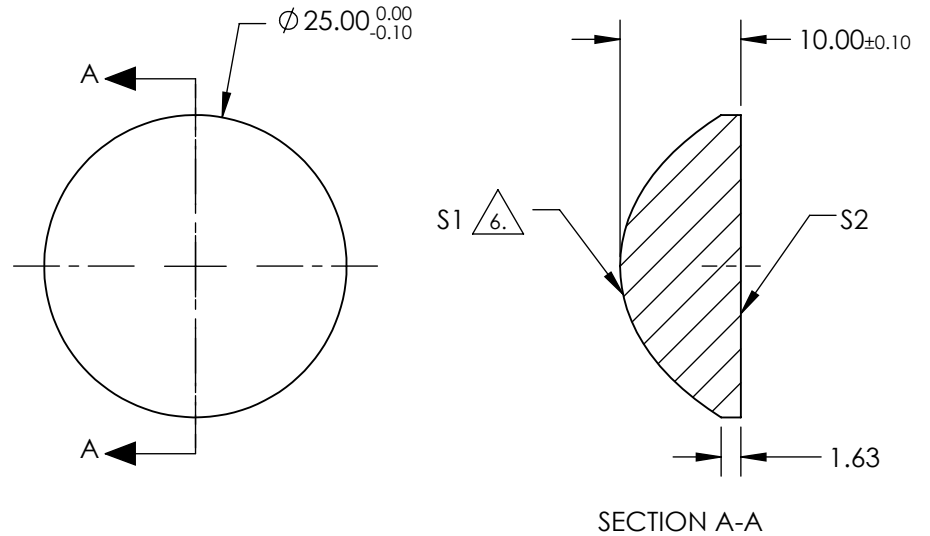


**NOTES:**

1. SUBSTRATE: L-BAL35
2. COATING (APPLY ACROSS CLEAR APERTURE)
  - S1: R(avg) ≤1.5% @ 425 - 675nm
  - S2: R(avg) ≤1.5% @ 425 - 675nm
3. EDGES: FINE GROUND
4. CENTERING: 3-5 ARCMIN
5. ASPHERE FIGURE ERROR: 0.75 μm RMS

△ ASPHERIC SURFACE DESCRIBED BY (REF. COEFFICIENT TABLE)

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



COEFFICIENT TABLE △6	
COEFFICIENT	S1
SEMI-DIAMETER	12.500000E+00
(1/RADIUS)	0.090531E+00
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

**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	18.75	Edmund Optics®
SHAPE	CONVEX	PLANO	BFL @ 587.6μm	12.46	
RADIUS	11.046	INFINITY	THIRD ANGLE PROJECTION		TITLE
SURFACE QUALITY	60-40	60-40	ALL DIMS IN	mm	25mm DIA., 0.66 NUMERICAL APERTURE VIS COATED, ASPHERIC LENS
CLEAR APERTURE	90%	90%	DWG NO	49101	SHEET 1 OF 1
BEVEL MAX	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED			