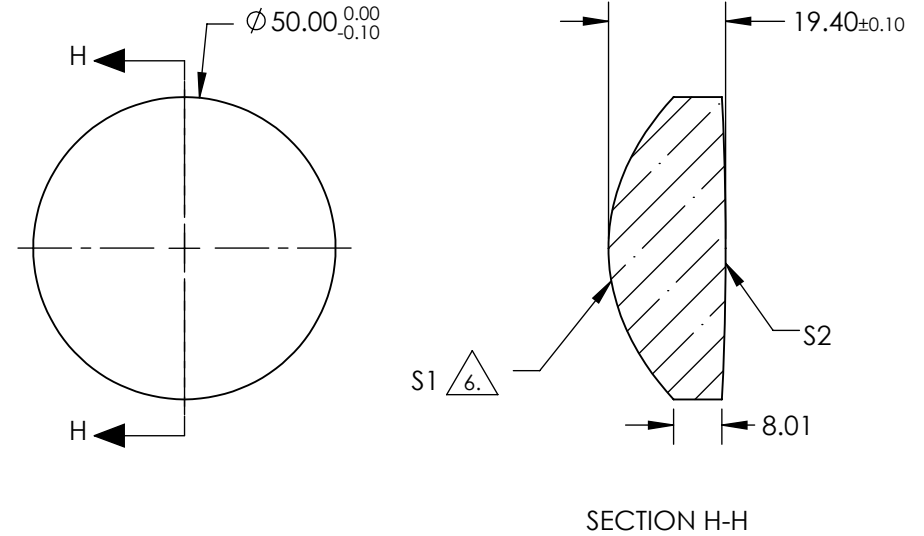


NOTES:

- SUBSTRATE: L-BAL35
- COATING (APPLY ACROSS CLEAR APERTURE)
S1: R(avg) ≤1.5% @ 600 - 1050nm
S2: R(avg) ≤1.5% @ 600 - 1050nm
- EDGES: FINE GROUND
- CENTERING: 3-5 ARCMIN
- ASPHERE FIGURE ERROR: 0.75 μm RMS

△ ASPHERIC SURFACE DESCRIBED BY (REF. COEFFICIENT TABLE)

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



COEFFICIENT TABLE △6.	
COEFFICIENT	S1
SEMI-DIAMETER	25.000000E+00
(1/RADIUS)	3.241451E-02
k	-6.221342E-01
D	0.000000E+00
E	0.000000E+00
F	-1.379492E-10
G	-3.125020E-13
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	50	 Edmund Optics®	
SHAPE	CONVEX	CONVEX	BFL @ 587.6μm	38.33		
RADIUS	30.850	500.000			TITLE	50mm DIA., 0.50 NUMERICAL APERTURE NIR COATED, ASPHERIC LENS
SURFACE QUALITY	60-40	60-40				
CLEAR APERTURE	90%	90%			DWG NO	66336
BEVEL MAX	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED				
			ALL DIMS IN	mm	SHEET 1 OF 1	