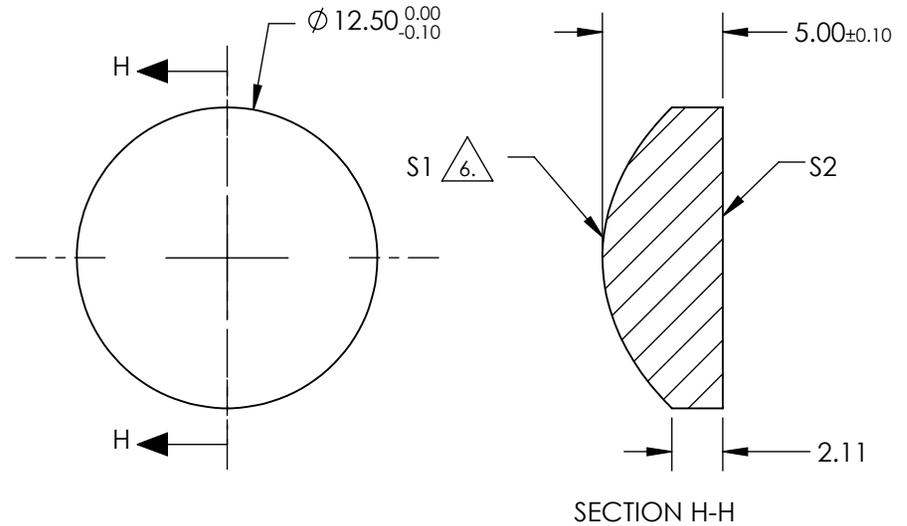


NOTES:

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 △	
COEFFICIENT	S1
SEMI-DIAMETER	6.250000E+00
(1/RADIUS)	1.357958E-01
k	-1.058074E+00
D	0.000000E+00
E	1.573925E-04
F	4.159784E-07
G	-3.720000E-10
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	12.5			
SHAPE	CONVEX	PLANO	BFL @ 587.6μm	9.35			Edmund Optics® 12.5mm DIA, 0.50 NUMERICAL APERTURE VIS COATED, ASPHERIC LENS
RADIUS	7.364	INFINITY	THIRD ANGLE PROJECTION		TITLE		
SURFACE QUALITY	60-40	60-40	ALL DIMS IN	mm	DWG NO	69859	SHEET 1 OF 1
CLEAR APERTURE	90%	90%					
BEVEL MAX	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED					