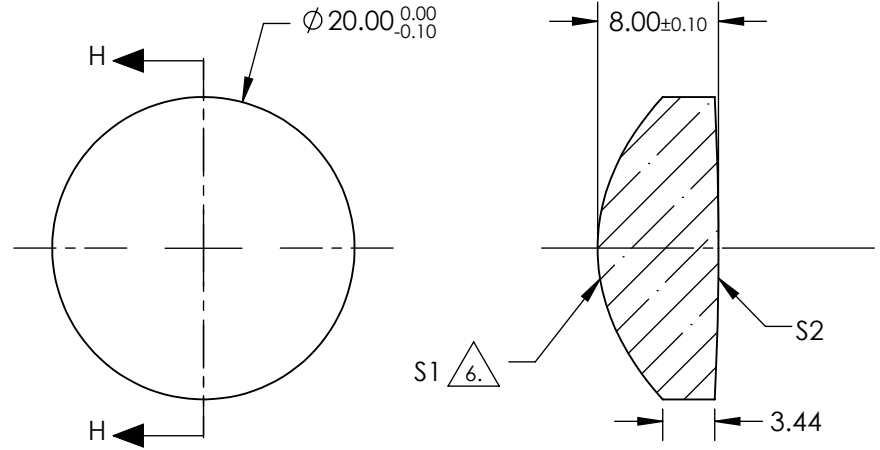NOTES:

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)

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

$\varnothing 20.00^{0.00}_{-0.10}$

8.00 ± 0.10

H

H

S1 6.

S2

3.44

SECTION H-H

COEFFIECIENT TABLE 6.

COEFFIECIENT	S1
SEMI-DIAMETER	10.000000E+00
(1/RADIUS)	8.107287E-02
k	-6.196140E-01
D	0.000000E+00
E	0.000000E+00
F	-1.292772E-08
G	-1.932447E-10
H	0.000000E+00
J	0.000000E+00
L	0.000000E+00

REV. A	S1	S2	EFL @ 587.6µm	20	**Edmund Optics®**		
SHAPE	CONVEX	CONVEX	BFL @ 587.6µm	15.19			
RADIUS	12.335	200.00			TITLE	20mm DIA., 0.50 NUMERICAL APERTURE NIR COATED, ASPHERIC LENS	
SURFACE QUALITY	60-40	60-40	THIRD ANGLE PROJECTION				
CLEAR APERTURE	90%	90%					
BEVEL MAX	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED	ALL DIMS IN	mm	DWG NO	66330	SHEET 1 OF 1