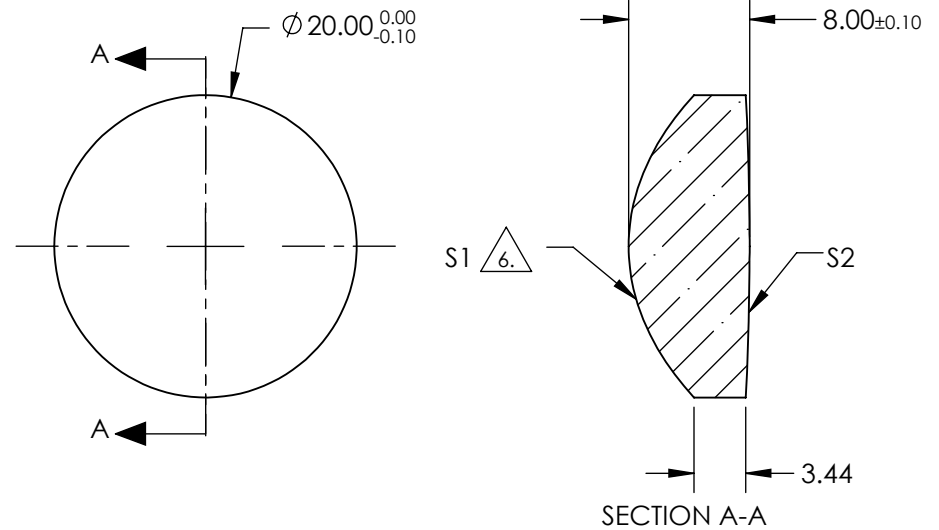


**NOTES:**

1. SUBSTRATE: L-BAL35
2. COATING  
S1: NONE  
S2: NONE
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)

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



COEFFICIENT TABLE △6.

COEFFICIENT	S1
SEMI-DIAMETER	10.000000E+00
(1/RADIUS)	8.107287E-02
k	-6.19614E-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

**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	20	Edmund Optics®		
SHAPE	CONVEX	CONVEX	BFL	15.19			
RADIUS	9.082	200.00	THIRD ANGLE PROJECTION		TITLE 20mm DIA., 0.50 NUMERICAL APERTURE UNCOATED, ASPHERIC LENS		
SURFACE QUALITY	60-40	60-40					
CLEAR APERTURE	90%	90%	ALL DIMS IN	mm	DWG NO	66310	SHEET 1 OF 1
BEVEL MAX	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED					