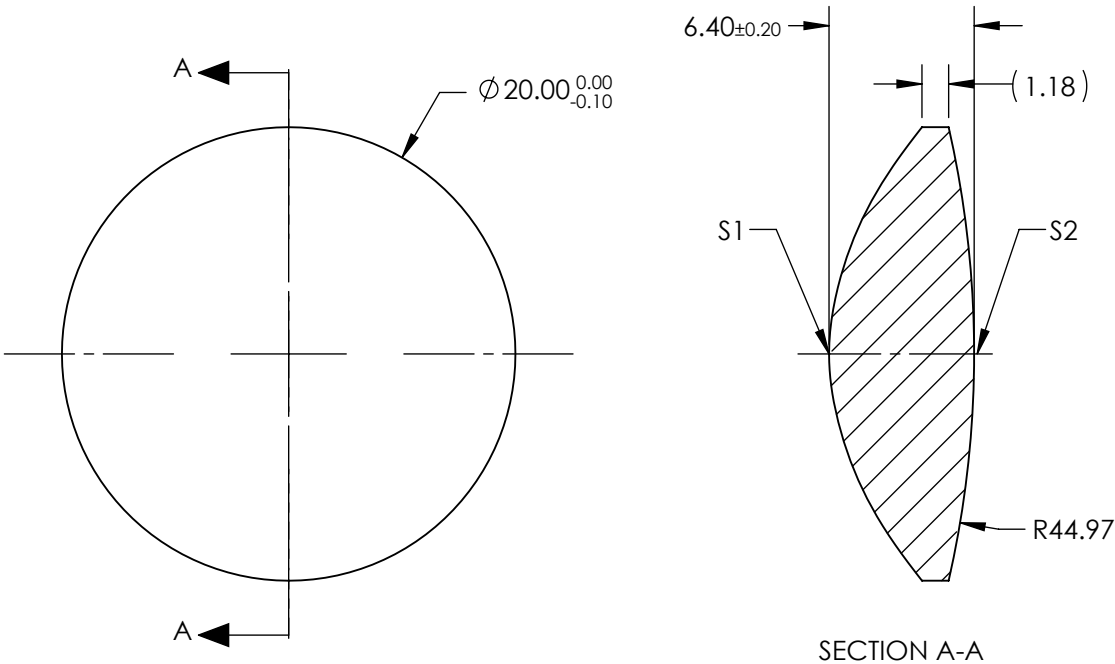


NOTES:

**FOR INFORMATION ONLY:
DO NOT MANUFACTURE
PARTS TO THIS DRAWING**

- 1. SUBSTRATE: Liba2000+
- 2. COATING:
S1 & S2: S1: ¼ WAVE MgF2 @550nm
S2: R(AVG) ≤0.5% @ 600 - 1050nm
- 3. FOCAL LENGTH TOLERANCE: ±5 %
- 4. CENTERING: ≤25 ARCMIN
- 5. RoHS: COMPLIANT
- 6. ASPHERIC SURFACE DESCRIBED BY THE FOLLOWING EQUATION AND COEFFICIENTS SHOWN IN TABLE BELOW


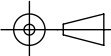
$$Z_{ASPH}(Y) = \frac{(1/RADIUS)*Y^2}{1 + \sqrt{1 - (1+k)*(1/RADIUS)^2*Y^2}} + D*Y^2 + E*Y^4 + F*Y^6 + G*Y^8 + H*Y^{10} + J*Y^{12} + L*Y^{14}$$



COEFFICIENT TABLE	
COEFFICIENT	S1
SEMI-DIAMETER	1.000000E+01
(1/RADIUS)	9.931473E-02
k	-9.565000E+00
D	0.000000E+00
E	2.698440E-04
F	-1.042250E-06
G	0.000000E+00
H	0.000000E+00
J	0.000000E+00
L	0.000000E+00

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2
SHAPE	CONVEX	CONVEX
SURFACE QUALITY	As Molded	As Molded
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

EFL: 16.4mm		<div> Edmund Optics®</div>		
BFL: 12.85mm				
THIRD ANGLE PROJECTION 		TITLE	20mm DIA. x 16.4mm FL, NIR I Coated, COATED, MOLDED ASPHERIC CONDENSOR LENS	
ALL DIMS IN	mm	DWG NO	15892	SHEET 1 OF 1