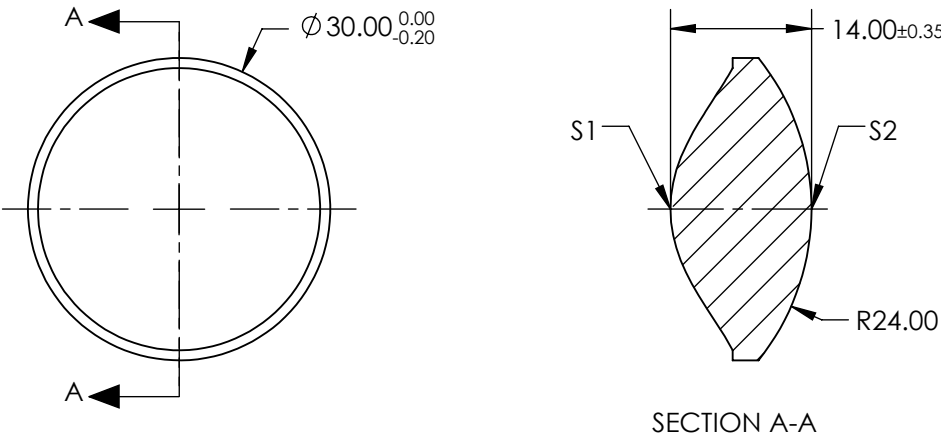


NOTES:

FOR INFORMATION ONLY:  
DO NOT MANUFACTURE  
PARTS TO THIS DRAWING

- 1. SUBSTRATE: LIBA2000+
- 2. COATING:  
S1 & S2: R(AVG) ≤ 1.75% @ 400 - 700nm
- 3. FOCAL LENGTH TOLERANCE: ±7%
- 4. CENTERING: 25 ARCMIN
- 5. RoHS: COMPLIANT
- 6. ASPHERIC SURFACE DESCRIBED BY THE FOLLOWING EQUATION AND COEFFICIENTS SHOWN IN TABLE BELOW


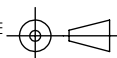
$$Z_{ASPH}(Y) = \frac{(1/RADIUS)*Y^2}{1+\sqrt{1-(1+k)*(1/RADIUS)^2*Y^2}} + D*Y^2 + E*Y^4 + F*Y^6 + G*Y^8 + H*Y^{10} + J*Y^{12} + L*Y^{14}$$



COEFFICIENT TABLE	
COEFFICIENT	S1
SEMI-DIAMETER	15.000000E+00
(1/RADIUS)	7.818608E-02
k	-0.900000E+00
D	0.000000E+00
E	0.000030E+00
F	-1.000000E-06
G	5.100000E-09
H	-1.000000E-11
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
CLEAR APERTURE	Ø24.00	Ø24.00
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

EFL: 17.5mm		<div> Edmund Optics®</div>	
BFL: 10.37mm			
<div>THIRD ANGLE PROJECTION</div> 		TITLE	30mm DIA. X 17.5mm FL, UNCOATED MOLDED ASPHERIC CONDENSER LENS
ALL DIMS IN	mm	DWG NO	15683
			SHEET 1 OF 1