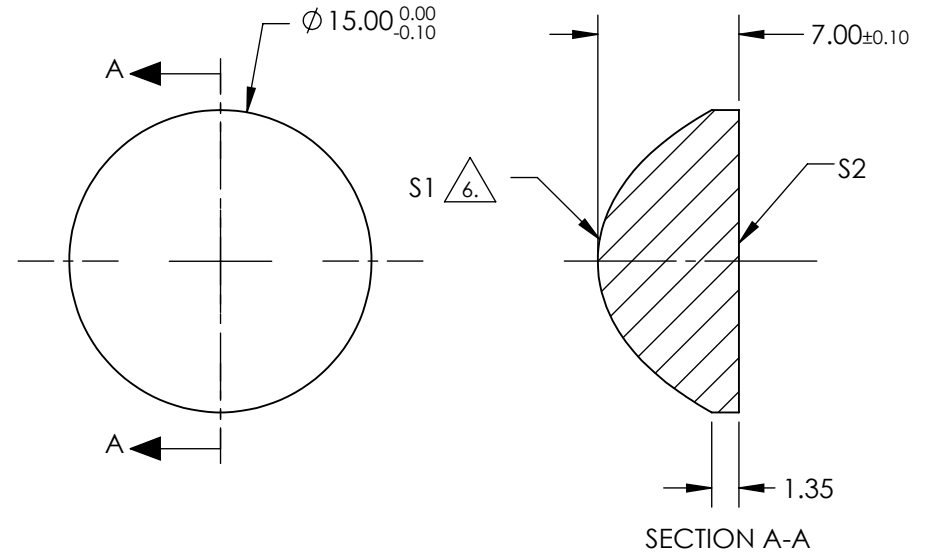


NOTES:

- SUBSTRATE: N-SF5
- COATING (APPLY ACROSS CLEAR APERTURE)
S1: R(avg) ≤1.5% @ 425 - 675nm
S2: R(avg) ≤1.5% @ 425 - 675nm
- EDGES: FINE GROUND
- CENTERING: 3-5 ARCMIN
- ASPHERE FIGURE ERROR: 0.75 μm RMS

△6. ASPHERIC SURFACE DESCRIBED BY (REF. COEFFICIENT TABLE)

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



COEFFICIENT TABLE △6.

COEFFICIENT	S1
SEMI-DIAMETER	7.500000E+00
(1/RADIUS)	1.651800E-01
k	-1.261245E+00
D	0.000000E+00
E	4.227332E-04
F	5.228197E-07
G	1.010405E-08
H	-2.409879E-10
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	9	 Edmund Optics®			
SHAPE	CONVEX	PLANO	BFL @ 587.6μm	4.81				
RADIUS	5.731	INFINITY	<div>THIRD ANGLE PROJECTION</div> 		TITLE	15mm DIA., 0.83 NUMERICAL APERTURE VIS COATED, ASPHERIC LENS		
SURFACE QUALITY	60-40	60-40						
CLEAR APERTURE	90%	90%						
BEVEL MAX	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED	ALL DIMS IN	mm	DWG NO	67250	SHEET 1 OF 1	