

NOTES:

1. SUBSTRATE: N-SF5

2. COATING

S1: NONE

S2: NONE

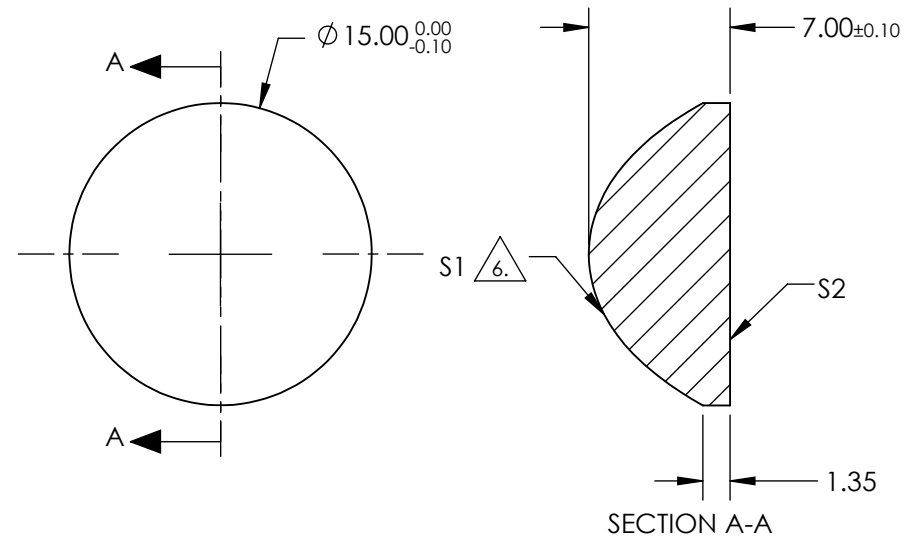
3. EDGES: FINE GROUND

4. CENTERING: 3-5 ARCMIN

5. ASPHERE FIGURE ERROR: 0.75 μm RMS

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

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

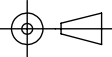


COEFFICIENT TABLE 6.

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 @587.6 : 9	 Edmund Optics®		
SHAPE	CONVEX	CONVEX	BFL @587.6 : 4.81			
RADIUS	6.054	INFINITY	THIRD ANGLE PROJECTION 	TITLE	15mm DIA., 0.83 NUMERICAL APERTURE UNCOATED, ASPHERIC LENS	
SURFACE QUALITY	60-40	60-40	ALL DIMS IN	mm	DWG NO	67243
CLEAR APERTURE	90%	90%				SHEET 1 OF 1
BEVEL MAX	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED				