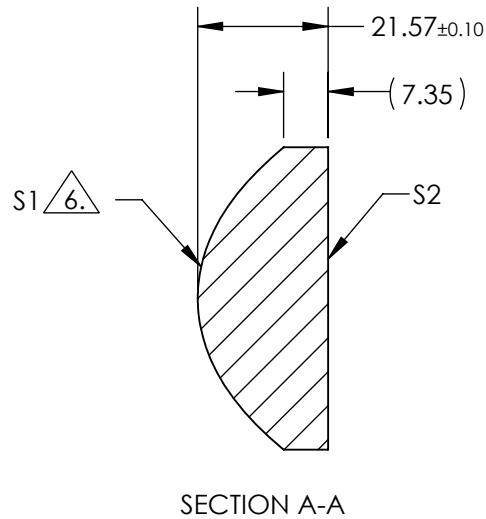
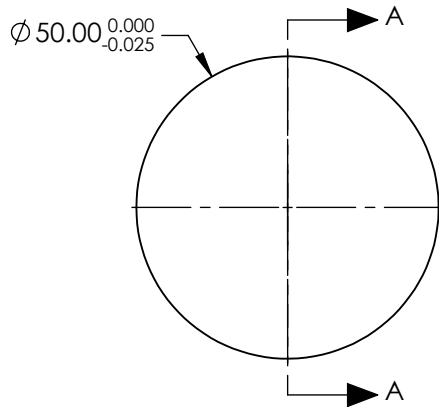


**NOTES:**

1. SUBSTRATE: N-SF6
2. COATING (APPLY ACROSS CLEAR APERTURE)  
S1: NONE  
S2: NONE
3. EDGES: FINE GROUND
4. CENTERING: < 1 ARCMIN
5. ASPHERE FIGURE ERROR: 0.25µm 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	2.500000E+01
(1/RADIUS)	4.139758E-02
k	-1.103426E+00
D	0.000000E+00
E	4.605084E-06
F	4.544628E-10
G	-2.257169E-12
H	5.828326E-16
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

	S1	S2	EFL @ 587.6nm	30.00	Edmund Optics®
SHAPE	CONVEX	PLANO	BFL @ 587.6nm	18.06	
RADIUS	24.156	INFINITY	THIRD ANGLE PROJECTION		TITLE
SURFACE QUALITY	40-20	40-20	ALL DIMS IN mm		50mm DIA., 0.83 NUMERICAL APERTURE, UNCOATED, HIGH PRECISION ASPHERIC LENS
CLEAR APERTURE	Ø45.00	Ø45.00	DWG NO		37438
BEVEL MAX	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED	SHEET 1 OF 1		