NOTES:

1. SUBSTRATE:
   N-SF6

2. CENTERING TOLERANCE (AT 587.6nm): <2.5 ARCMIN

3. COATING (APPLY ACROSS COATING APERTURE)
   S1: NONE
   S2: NONE

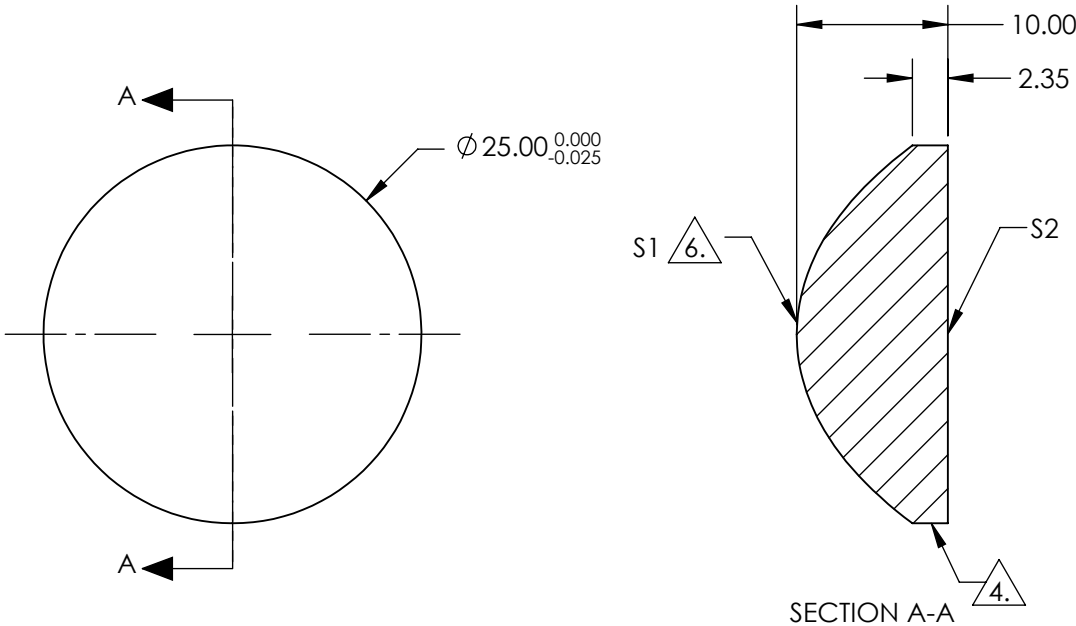4. EDGES: FINE GROUND

5. ASPHERIC FIGURE ERROR: 0.25 µm RMS

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

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

A — A

$\varnothing 25.00^{0.000}_{-0.025}$

10.00
2.35

S1 6.
S2
SECTION A-A

4.

COEFFICIENT TABLE 6.

COEFFICIENT	S1
SEMI-DIAMETER	1.250000E-01
(1/RADIUS)	8.740494E-02
k	-1.000000E+00
D	0.000000E+00
E	3.618244E-05
F	1.124165E-08
G	-5.906966E-11
H	-1.255059E-12
J	3.041122E-15
L	0.000000E+00

EFL@1550nm: 15.00
BFL@587.6nm: 8.67

Edmund Optics®

TITLE: ASPHERE PREC 25mm F/0.6 1500nm UNCTD

THIRD ANGLE PROJECTION

	S1	S2
SHAPE	CONVEX	PLANO
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	$\varnothing 22.5mm$	$\varnothing 22.5mm$
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

ALL DIMS IN: mm

DWG NO: 17418

SHEET 1 OF 1