NOTES:

1. SUBSTRATE:
   CaF2

2. CENTERING TOLERANCE (AT 587.6nm):
   BEAM DEVIATION (HALF ANGLE): < 1 ARCMIN

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

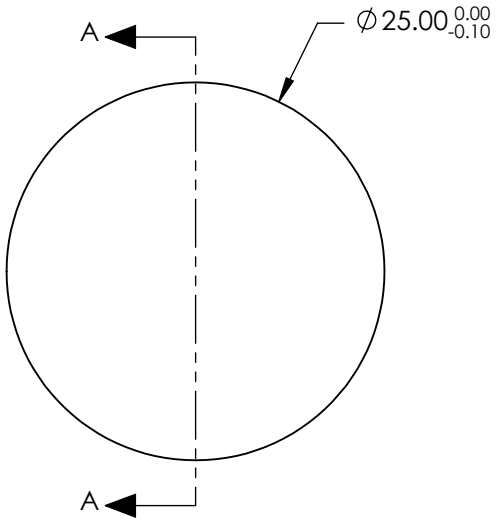
4. EDGES: DIAMOND TURNED

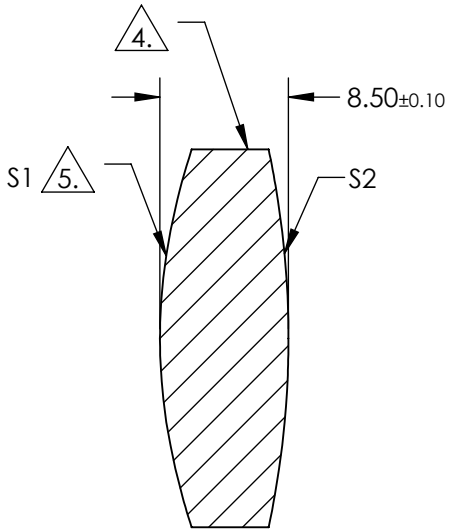
5. ASPHERIC SURFACE DESCRIBED BY (REF. COEFFICIENT TABLE):

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

FOR INFORMATION ONLY:
DO NOT MANUFACTURE PARTS TO THIS DRAWING

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY





SECTION A-A

COEFFIECIENT TABLE 5.	
COEFFIECIENT	**S1**
SEMI-DIAMETER	1.250000E+01
(1/RADIUS)	2.786214E-02
k	-1.758634E+00
D	0.000000E+00
E	-8.969000E-07
F	-3.175000E-09
G	5.348000E-13
H	0.000000E+00
J	0.000000E+00
L	0.000000E+00

	S1	S2
SHAPE	CONVEX	PLANO
RADIUS	35.891	50.000
SURFACE QUALITY	40 - 20	40 - 20
CLEAR APERTURE	Ø22.50	Ø22.50
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

EFL @ 780nm: 53.19
BFL @ 780nm: 49.38
THIRD ANGLE PROJECTION
ALL DIMS IN mm

Edmund Optics®

TITLE: ASPHERE CaF2 25DIA x 50FL UV GRADE UNCTD
DWG NO: 13464
SHEET 1 OF 1