

- NOTES:
1. SUBSTRATE:
CaF2

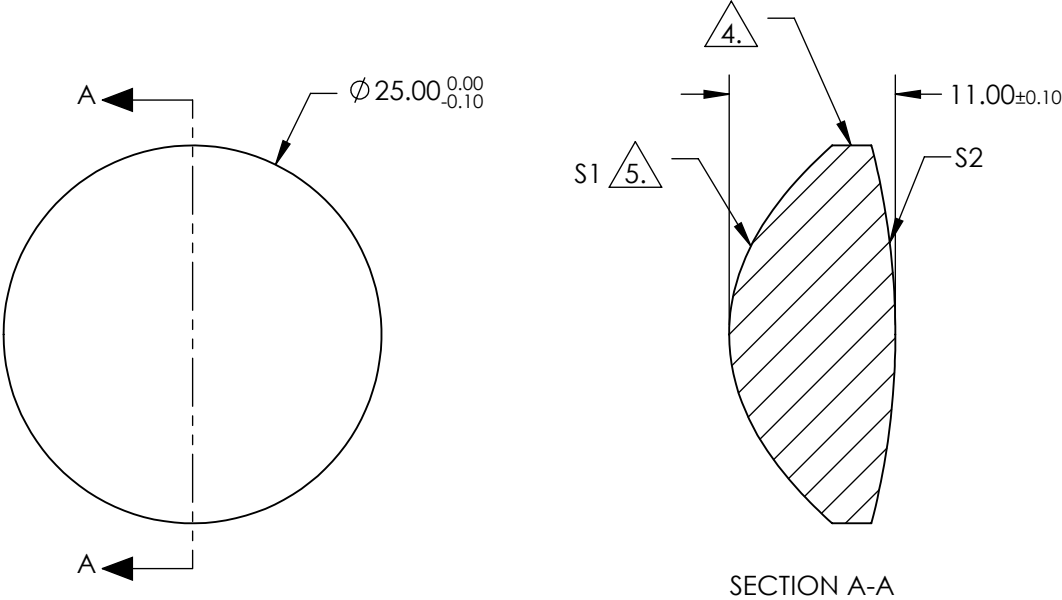
2. CENTERING TOLERANCE (AT 587.6nm):
BEAM DEVIATION (HALF ANGLE): < 1 ARCMIN

3. COATING (APPLY ACROSS COATING APERTURE)
S1: NONE
S2: NONE
- FOR INFORMATION ONLY:
DO NOT MANUFACTURE
PARTS TO THIS DRAWING

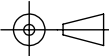
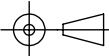
SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

4. EDGES: DIAMOND TURNED
5. ASPHERIC SURFACE DESCRIBED BY (REF. COEFFICIENT TABLE):

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



COEFFIECIENT TABLE 5.	
COEFFIECIENT	S1
SEMI-DIAMETER	1.250000E+01
(1/RADIUS)	8.295313E-02
k	-9.666550E-01
D	0.000000E+00
E	1.771800E-05
F	-1.461500E-08
G	-8.222900E-11
H	-7.059900E-13
J	1.285100E-15
L	0.000000E+00

	S1	S2	EFL @ 780nm: 23.66		 Edmund Optics®	
SHAPE	CONVEX	PLANO	BFL @ 780nm: 17.13			
RADIUS	12.055	50.000			TITLE	ASPHERE CaF2 25DIA x 25FL IR GRADE UNCTD
SURFACE QUALITY	40 - 20	40 - 20				
CLEAR APERTURE	Ø22.50	Ø22.50			DWG NO	13466
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED				
			ALL DIMS IN	mm		SHEET 1 OF 1