

1. SUBSTRATE: N-BK7

- ## 2. COATING (APPLY ACROSS CLEAR APERTURE)

S1: NONE
S2: NONE

- ### 3. EDGES: FINE GROUND

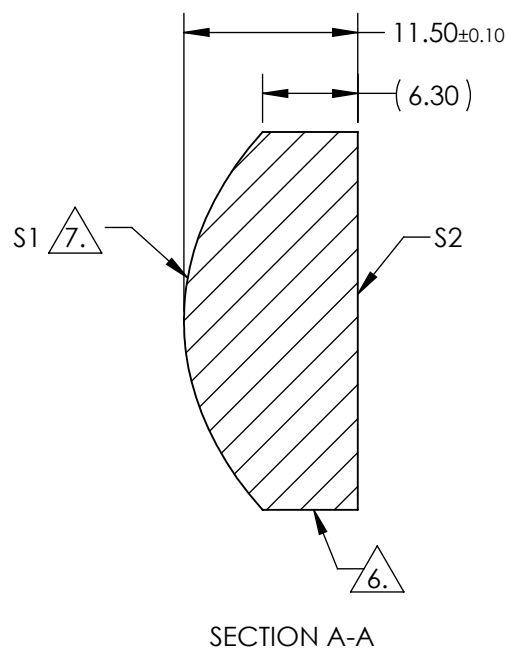
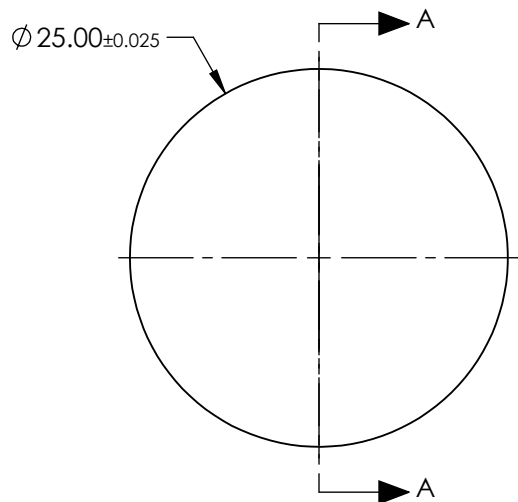
4. CENTERING: <3 ARCMIN

5. ASPHERE FIGURE ERROR: 0.25 μ m RMS

- ## 6. BLACKENED SURFACE

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

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



COEFFIEICIENT TABLE 	
COEFFIEICIENT	S1
SEMI-DIAMETER	1.250000E+01
(1/RADIUS)	6.191951E-02
K	-7.273507E-01
D	0.000000E+00
E	5.265077E-06
F	4.895077E-09
G	4.578146E-12
H	-5.656986E-15
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	31.25	 Edmund Optics®		
SHAPE	CONVEX	PLANO	BFL @ 587.6nm	23.67			
RADIUS	16.150	INFINITY	THIRD ANGLE PROJECTION 		TITLE	25mm DIA., 0.40 NUMERICAL APERTURE, UNCOATED, INKED, HIGH PRECISION ASPHERIC LENS	
SURFACE QUALITY	40-20	40-20					
CLEAR APERTURE	Ø22.50	Ø22.50					
BEVEL MAX	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED	ALL DIMS IN	mm	DWG NO	37429INK	SHEET 1 OF 1