NOTES:

1. SUBSTRATE: N-BK7

2. COATING (APPLY ACROSS CLEAR APERTURE)

   S1 & S2: VIS-EXT+ (350-700nm)

   R(AVG) <0.5% @ 350 - 700nm @ ±30° AOI
   R(ABS) <1.5% @ 350 - 700nm @ ±30° AOI

3. EDGES: FINE GROUND

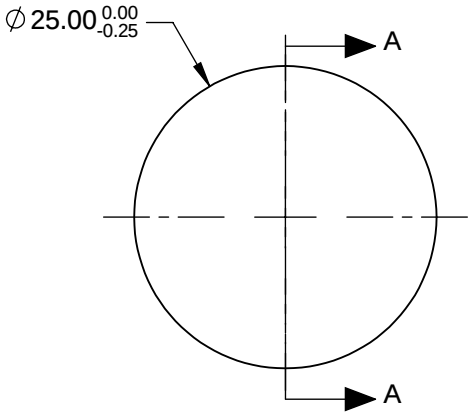
4. CENTERING: <3 ARCMIN

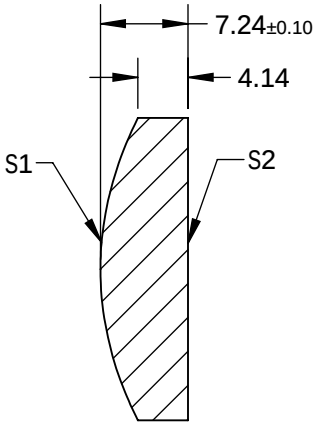
5. ASPHERE FIGURE ERROR: 0.25µm RMS

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

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

FOR INFORMATION ONLY:
DO NOT MANUFACTURE PARTS TO THIS DRAWING





SECTION A-A

COEFFIECIENT TABLE 6.	
COEFFIECIENT	**S1**
SEMI-DIAMETER	1.000000E+01
(1/RADIUS)	3.869969E-02
k	-8.004240E-01
D	0.000000E+00
E	1.643994E-06
F	5.887865E-10
G	0.000000E+00
H	0.000000E+00
J	0.000000E+00
L	0.000000E+00

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2
SHAPE	CONVEX	PLANO
RADIUS	25.840	INFINITY
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	Ø24	Ø24
BEVEL MAX	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

EFL @ 587.6nm	50
BFL @ 587.6nm	45.23
THIRD ANGLE PROJECTION	
ALL DIMS IN	mm

Edmund Optics®

TITLE	25mm Dia., 0.25 Numerical Aperture, 350-700nm Coated, Precision Aspheric Lens
DWG NO	16957
SHEET	1 OF 1