

NOTES:

1. SUBSTRATE:
N-BK7
2. CENTERING TOLERANCE (AT 587.6nm):
BEAM DEVIATION (HALF ANGLE): <3 arcmin
3. COATING (APPLY ACROSS COATING APERTURE)
S1: NONE
S2: NONE

4. EDGES: FINE GROUND

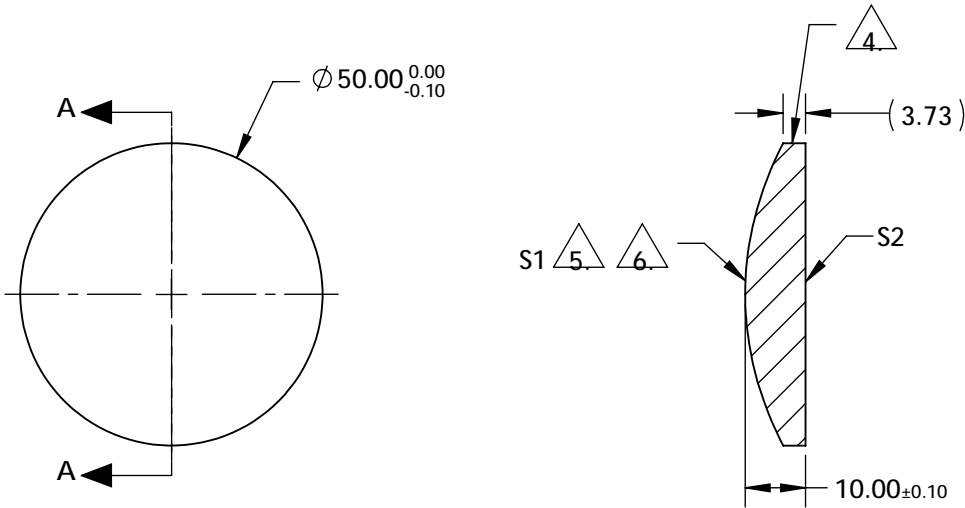
5. ASPHERIC FIGURE ERROR: 0.75 µm RMS

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

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

**FOR INFORMATION ONLY:
DO NOT MANUFACTURE
PARTS TO THIS DRAWING**

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY



SECTION A-A

COEFFICIENT TABLE 6.	
COEFFICIENT	S1
SEMI-DIAMETER	2.500000E+01
(1/RADIUS)	1.95618153E-02
k	-7.040000E-01
D	0.000000E+00
E	1.206530E-07
F	8.125950E-12
G	0.000000E+00
H	0.000000E+00
J	0.000000E+00
L	0.000000E+00

	S1	S2	Edmund Optics®			
SHAPE	CONVEX	PLANO	BFL @ 780nm: 93.39	50mm Dia., 0.25 Numerical Aperture Uncoated, NIR Aspheric Lens		
RADIUS	51.120	INFINITY				
SURFACE QUALITY	40-20	40-20	THIRD ANGLE PROJECTION			
CLEAR APERTURE	90 %	90 %				
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED	ALL DIMS IN mm	DWG NO	13507	SHEET 1 OF 1