

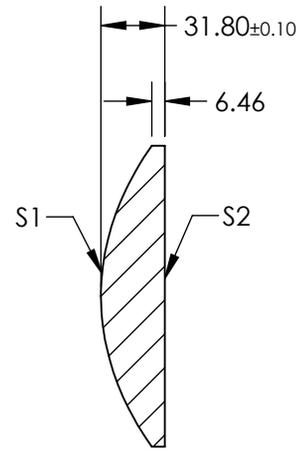
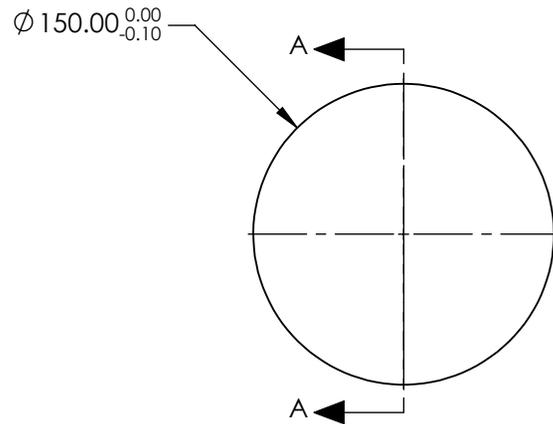
NOTES:

1. SUBSTRATE: N-BK7
2. COATING (APPLY ACROSS CLEAR APERTURE)
S1: NONE
S2: NONE
3. EDGES: FINE GROUND
4. CENTERING: ≤5 ARCMIN
5. ASPHERE FIGURE ERROR: 0.75 μm RMS

FOR INFORMATION ONLY:
DO NOT MANUFACTURE
PARTS TO THIS DRAWING

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

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



SECTION A-A

COEFFICIENT TABLE

COEFFICIENT	S1
SEMI-DIAMETER	7.500000E+01
(1/RADIUS)	8.599931E-03
k	-1.277000E+00
D	0.000000E+00
E	5.608000E-08
F	1.739000E-13
G	6.233000E-18
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	EFL @ 587.6nm	225.00	Edmund Optics®	150mm DIA., 0.33 NUMERICAL APERTURE UNCOATED, ASPHERIC LENS	
SHAPE	CONVEX	PLANO	BFL @ 587.6nm	204.04			
RADIUS	116.280	INFINITY	THIRD ANGLE PROJECTION	TITLE	15018		SHEET 1 OF 1
SURFACE QUALITY	60-40	60-40	ALL DIMS IN	mm			
CLEAR APERTURE	Ø128	Ø128					
BEVEL MAX	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED					