

NOTES:

1. SUBSTRATE:
N-BK7

2. COATING (APPLY ACROSS CLEAR APERTURE)

S1 & S2: VIS (425 - 625nm)
Ravg ≤1.5% @ 425 - 675nm

3. EDGES: FINE GROUND

4. CENTERING: ≤5

5. ASPHERE FIGURE ERROR: 1.2λ

6. ROHS COMPLIANT

$$Z(Y) = \frac{\left(\frac{1}{\text{RADIUS}}\right)^2 Y^2}{1 + \sqrt{1 - (1+k) \left(\frac{1}{\text{RADIUS}}\right)^2 Y^2}} + D Y^2 + E Y^4 + F Y^6 + G Y^8 + H Y^{10} + J Y^{12} + L Y^{14} + M Y^{16}$$

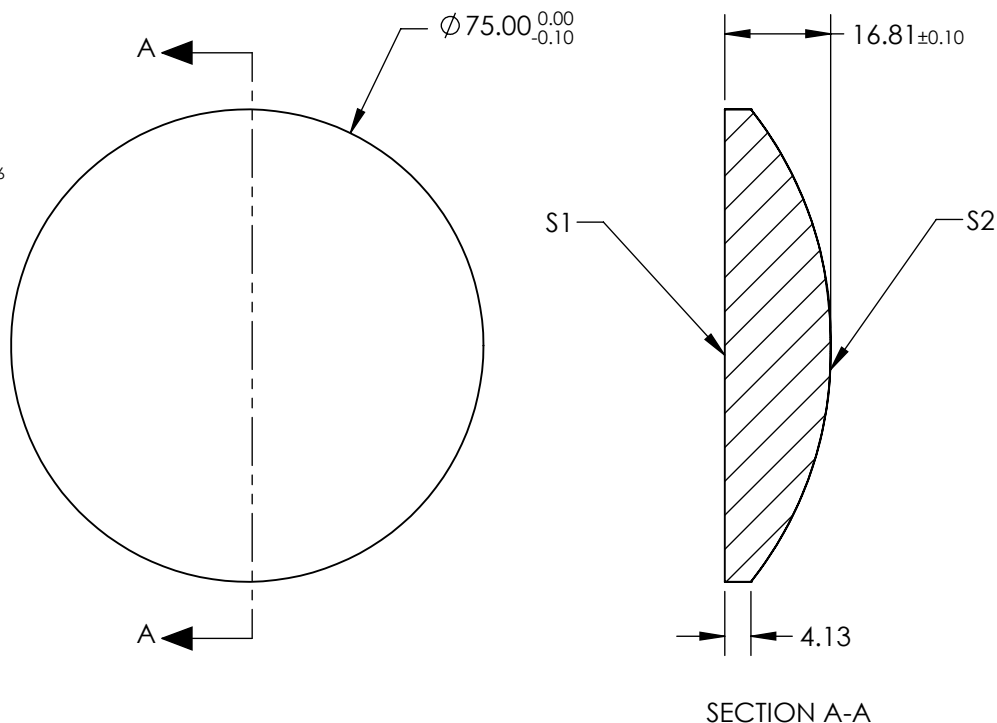
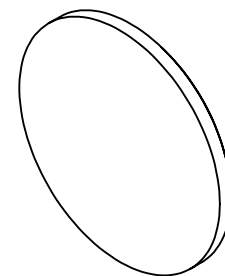
COEFFICIENT TABLE

COEFFICIENT	S2
RADIUS	58.140
k	-9.520000E-01
D	0.000000E+00
E	2.425000E-07
F	1.252000E-11
G	5.210000E-16
H	0.000000E+00
J	0.000000E+00
L	0.000000E+00
M	0.000000E+00

	S1	S2
SHAPE	PLANO	CONVEX
RADIUS	INFINITY	58.14
SURFACE QUALITY	60-40	60-40
CLEAR APERTURE	Ø 67.5	Ø 67.5
BEVEL	PROTECTED AS NEEDED	PROTECTED AS NEEDED

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

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY



Edmund Optics®

75mm Dia., 0.33 Numerical Aperture VIS
Coated, Aspheric Lens



THIRD ANGLE
PROJECTION

ALL DIMS IN

mm

TITLE

DWG NO

22704

SHEET
1 OF 18