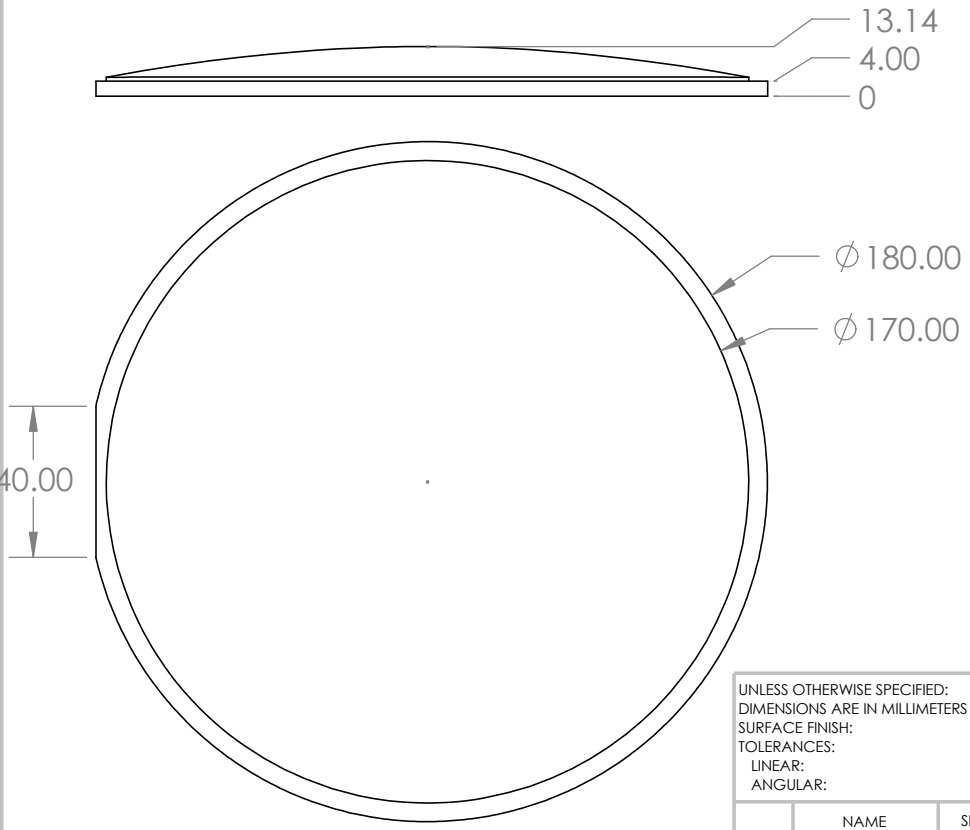
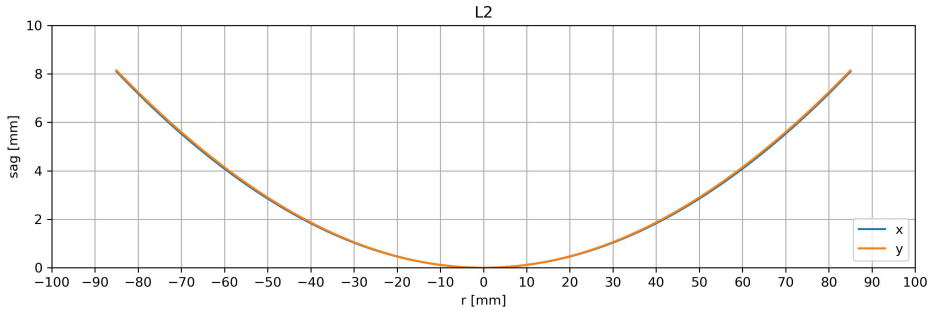
SurfType	Radius	Thickness	Semi-Diameter	Conic	X Radius	X Conic	Norm Radius
Biconic Zernike	-4.2193e+02	0.0000e+00	8.5000e+01	-6.2760e+00	-4.3229e+02	-5.3555e+00	1.0000e+02

X^1	X^2	X^3	X^4	X^5	X^6	X^7	X^8	X^9	X^10	X^11	X^12	X^13	X^14	X^15	X^16
0.0000e+00	-7.0079e-08	0.0000e+00	3.8447e-11	0.0000e+00	-1.6131e-13	0.0000e+00	5.6335e-21	0.0000e+00	4.4621e-25	0.0000e+00	-3.9332e-26	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00

Y^1	Y^2	Y^3	Y^4	Y^5	Y^6	Y^7	Y^8	Y^9	Y^10	Y^11	Y^12	Y^13	Y^14	Y^15	Y^16
0.0000e+00	2.3967e-06	0.0000e+00	3.2821e-11	0.0000e+00	-5.2308e-15	0.0000e+00	-1.2575e-18	0.0000e+00	-2.3505e-22	0.0000e+00	-3.9908e-26	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00

$$z(x,y) = \frac{c_x x^2 + c_y y^2}{1+\sqrt{1-(1-k_x)c_x^2 x^2-(1+k_y)c_y^2 y^2}} + \sum_{i=1}^{16} \alpha_i x^i + \sum_{j=1}^{16} \beta_j y^j$$





	r=0 mm	r=10 mm	r=20 mm	r=30 mm	r=40 mm	r=50 mm	r=60 mm	r=70 mm	r=80 mm	r=90 mm
x	0.000	0.116	0.462	1.036	1.834	2.853	4.087	5.533	7.189	9.059
y	0.000	0.118	0.472	1.057	1.870	2.904	4.150	5.600	7.247	9.089

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MILLIMETERS
SURFACE FINISH:
TOLERANCES:
LINEAR:
ANGULAR:

FINISH:

DEBURR AND BREAK SHARP EDGES

DO NOT SCALE DRAWING

REVISION

	NAME	SIGNATURE	DATE
DRAWN			
CHK'D			
APPV'D			
MFG			
Q.A			

TITLE:

Biconic Lens 2

MATERIAL:

DWG NO.

Ver 1

A4

WEIGHT:

SCALE:1:2

SHEET 1 OF 1