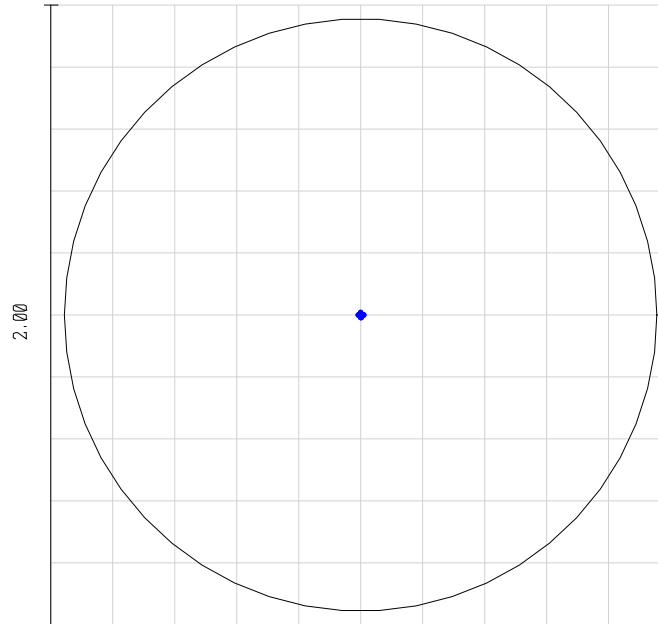


Spot Diagrams for Laser Quality Molded Glass Aspheric Lens 352150

Note: Black circle on plots indicates Airy Disk.

At Design Wavelength 780 nm

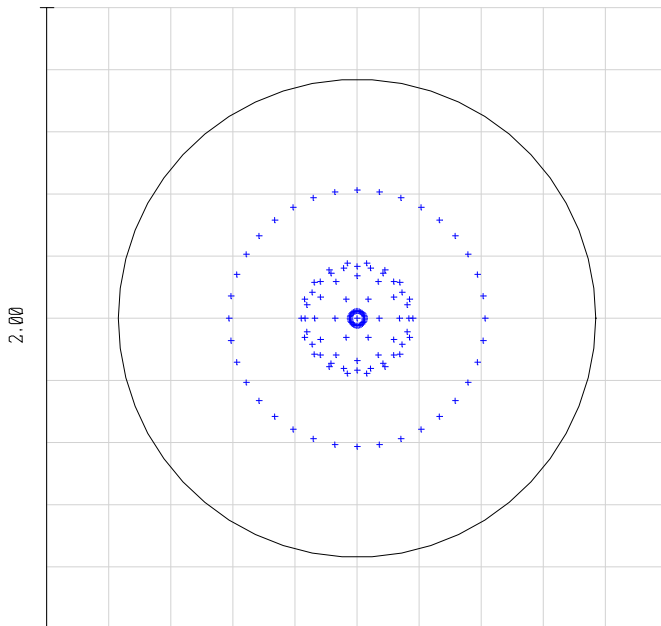
RMS Radius = 0.005 μm



Spot Diagrams for A-Coated Lens (352150-A)

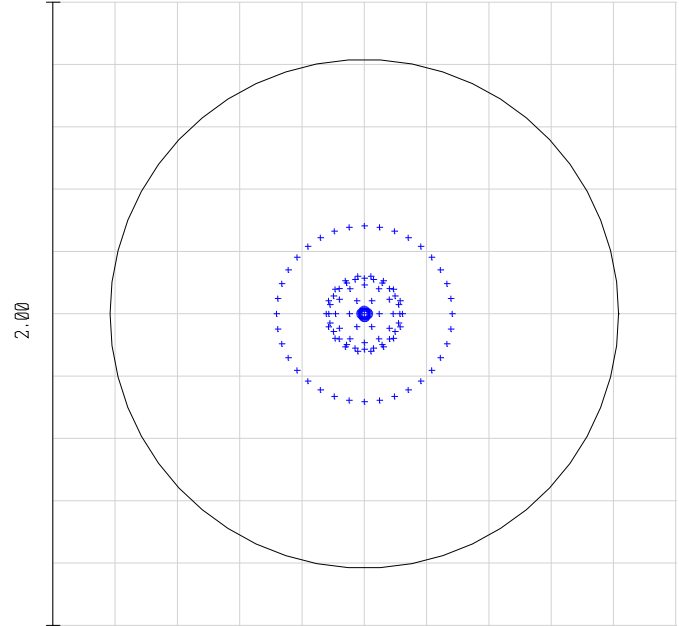
633nm

RMS Radius = 0.25 μm



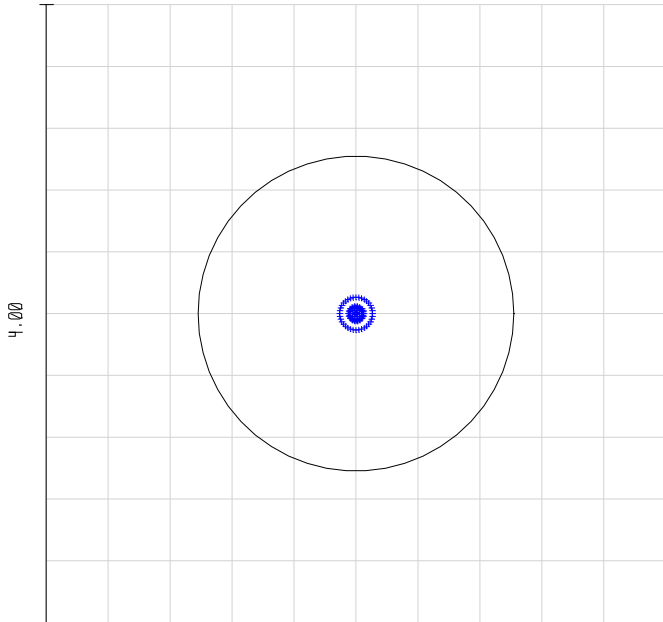
670 nm

RMS Radius = 0.17 μm

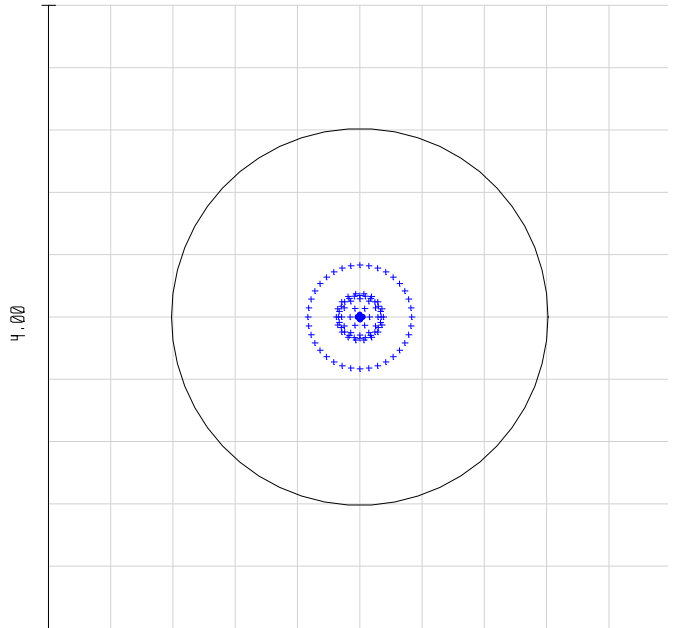


Spot Diagrams for B-Coated Lens (352150-B)

830 nm
RMS Radius = 0.06 μm

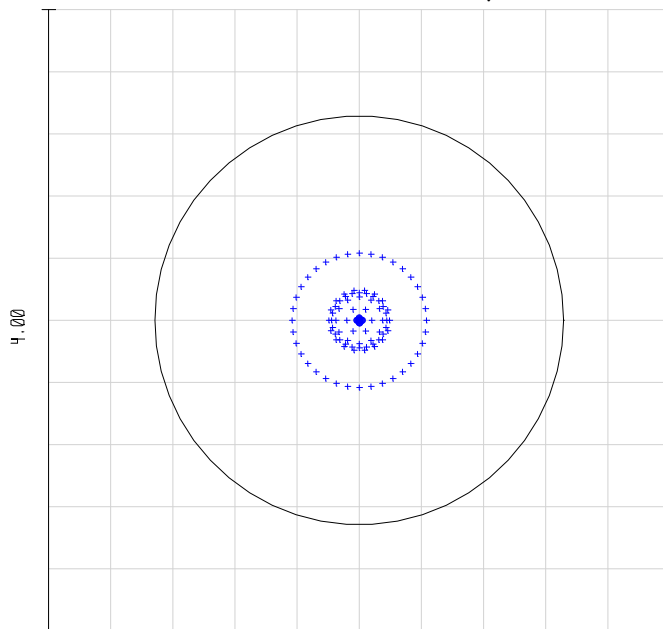


980 nm
RMS Radius = 0.20 μm

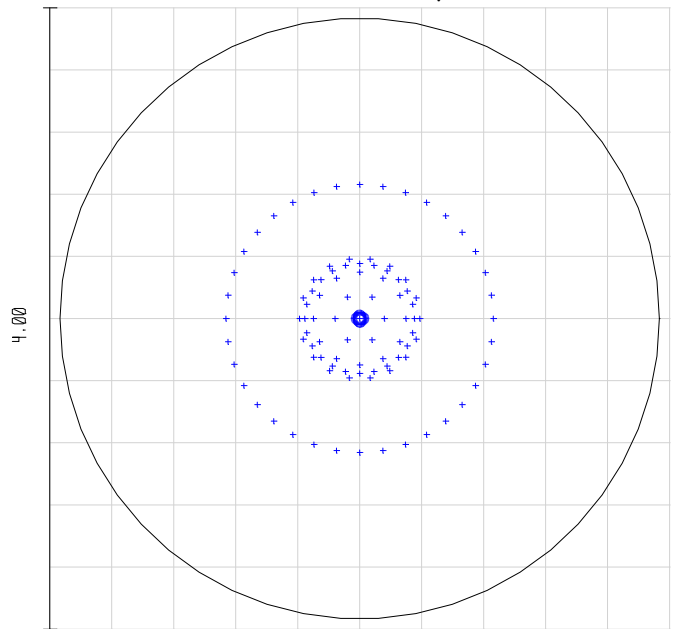


Spot Diagrams for C-Coated Lens (352150-C)

1064 nm
RMS Radius = 0.26 μm



1550 nm
RMS Radius = 0.52 μm



Chromatic Focal Shift

Maximum Focal Shift Range: 127.80 μm (350 – 1620 nm)

Diffraction Limited Range: 3.15 μm

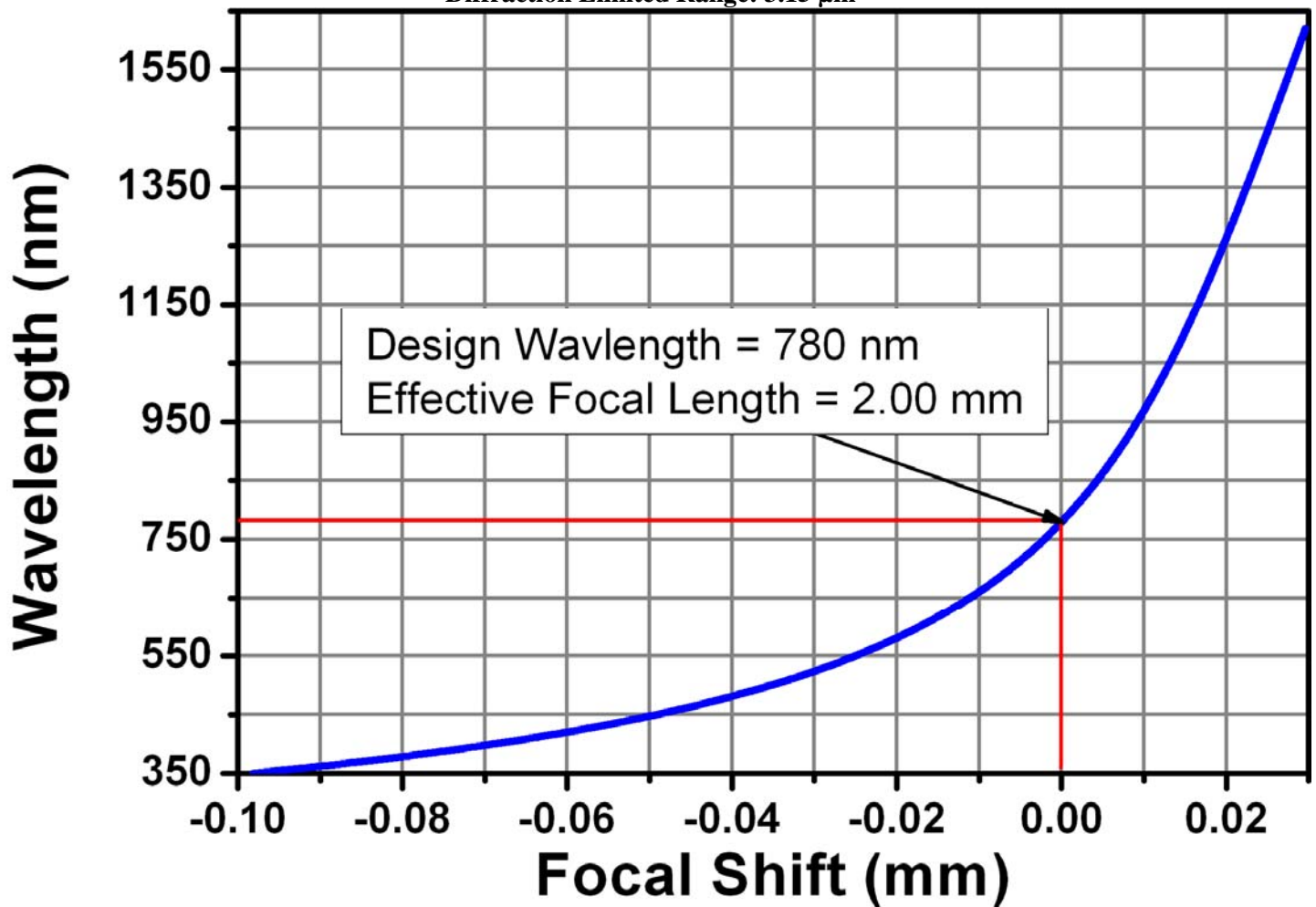


Table showing the focal length at various laser line wavelengths

Wavelength (nm)	Focal Length (mm)
405	1.92
633	1.984
670	1.989
780 ¹	2.000
810	2.002
830	2.004
980	2.012
1064	2.016
1550	2.033

¹ Design Wavelength