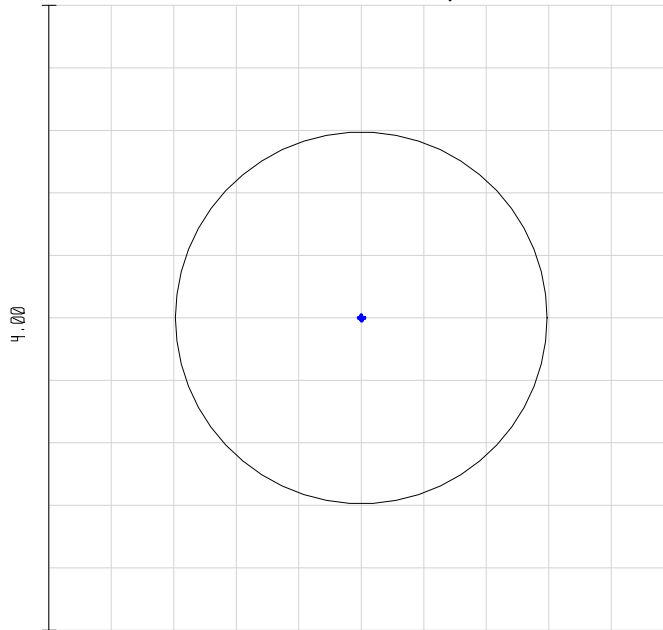


Spot Diagrams for Laser Quality Molded Glass Aspheric Lens 352110

Note: Black circle on plots indicates Airy Disk.

At Design Wavelength 780 nm

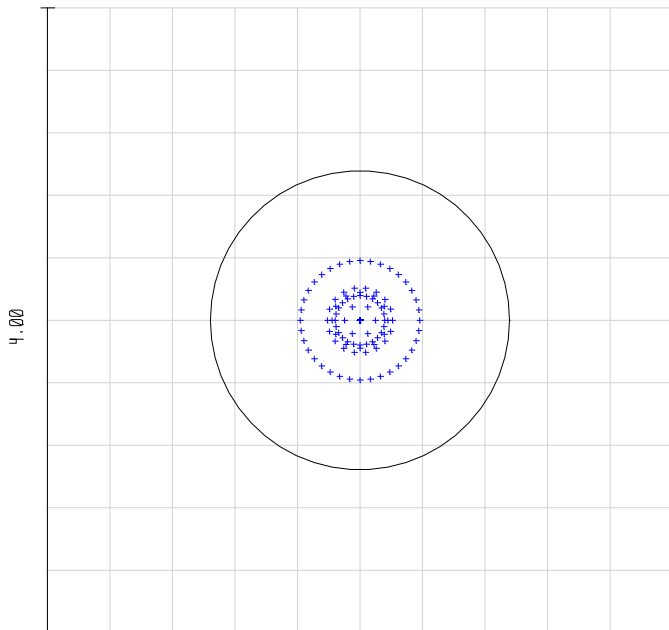
RMS Radius = 0.006 μm



Spot Diagrams for A-Coated Lens (352110-A)

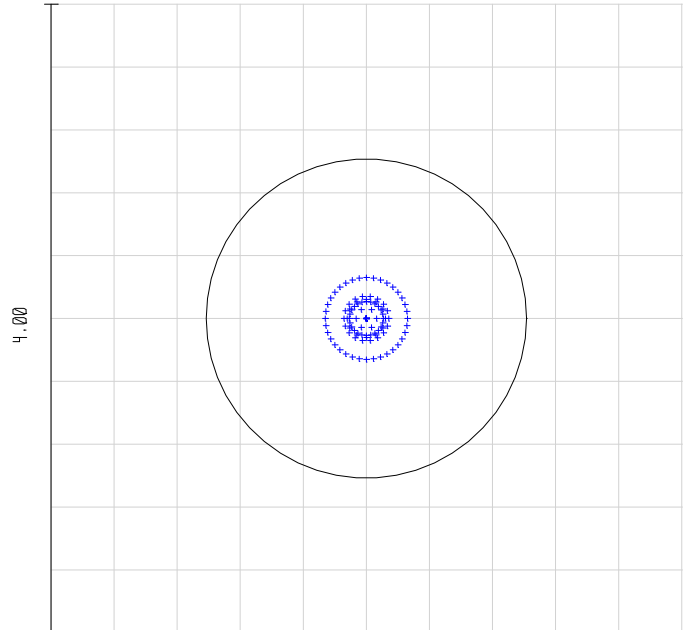
633nm

RMS Radius = 0.24 μm



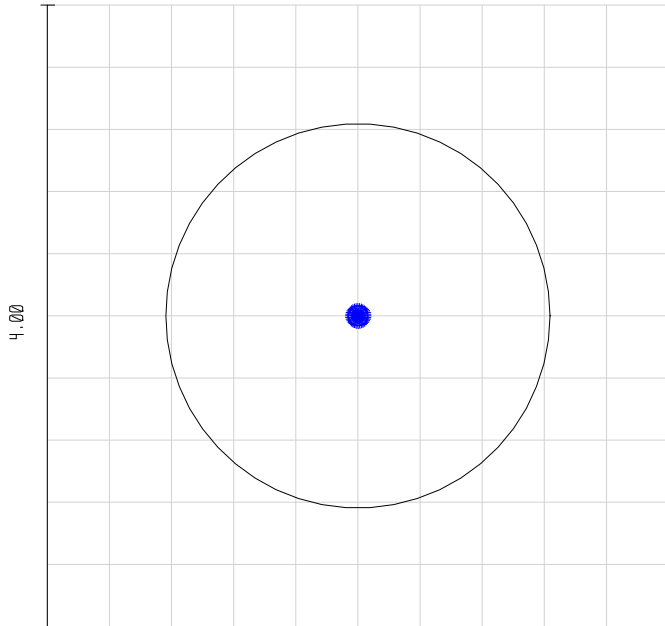
670 nm

RMS Radius = 0.16 μm

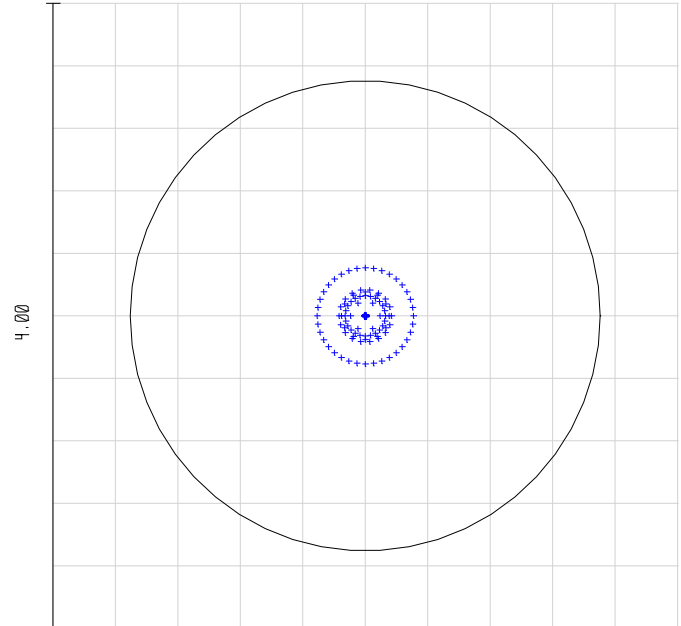


Spot Diagrams for B-Coated Lens (352110-B)

810 nm
RMS Radius = 0.04 μm

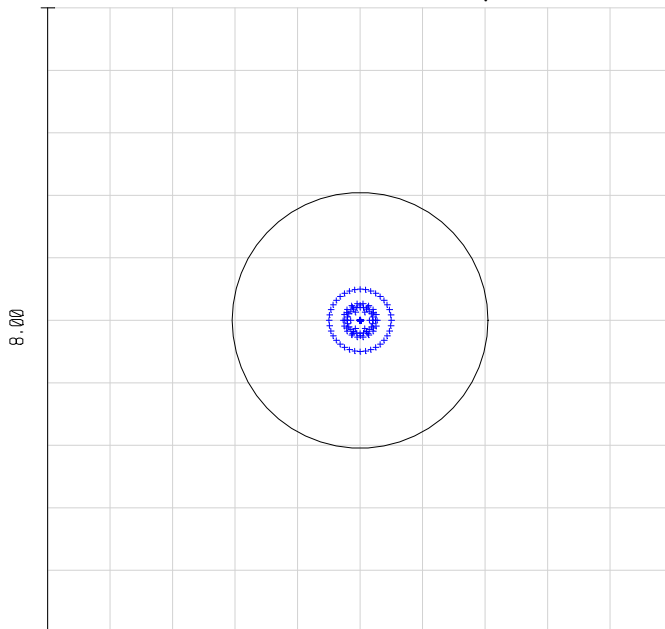


980 nm
RMS Radius = 0.19 μm

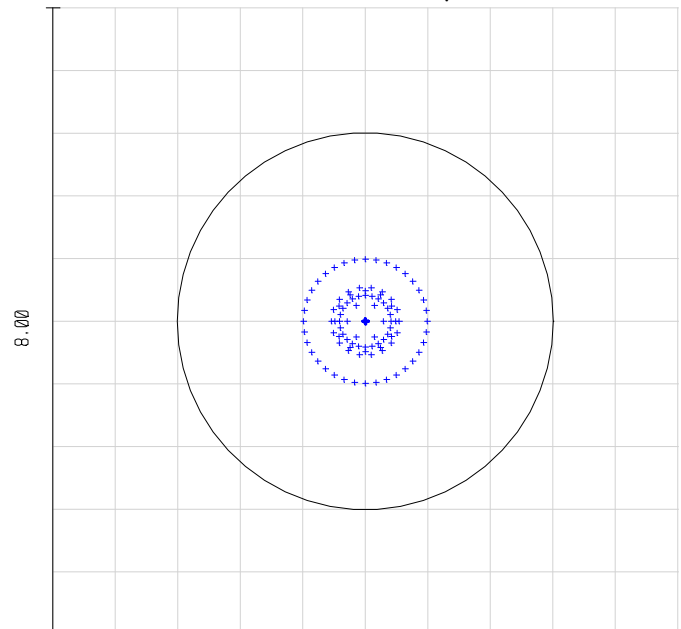


Spot Diagrams for C-Coated Lens (352110-C)

1064 nm
RMS Radius = 0.25 μm



1550 nm
RMS Radius = 0.49 μm



Chromatic Focal Shift

Maximum Focal Shift Range: 427.29 μm (350 – 1620 nm)

Diffraction Limited Range: 4.88 μm

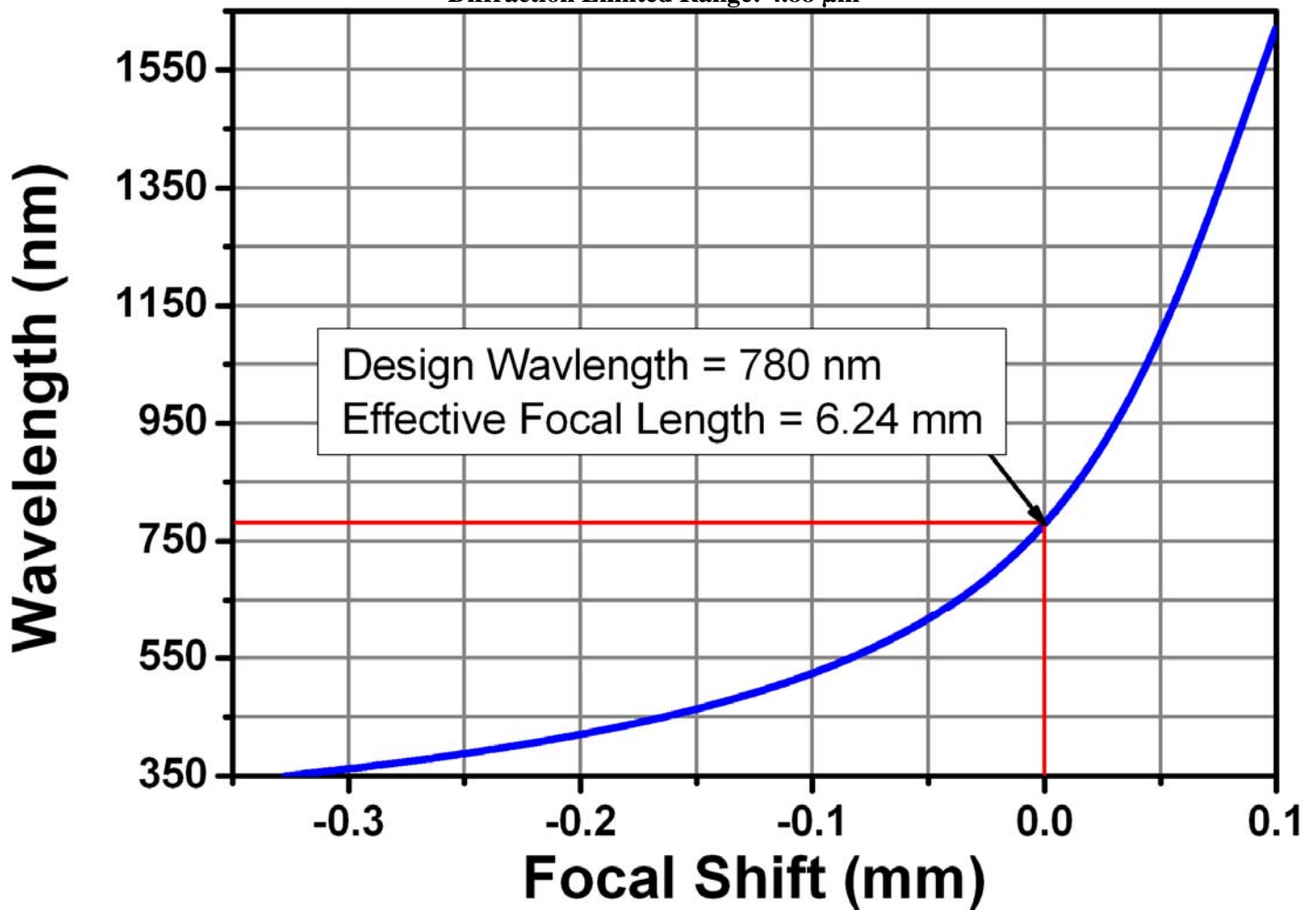


Table showing the focal length at various laser line wavelengths

Wavelength (nm)	Focal Length (mm)
405	5.975
633	6.188
670	6.204
780 ¹	6.24
810	6.248
830	6.253
980	6.282
1064	6.294
1550	6.351

¹ Design Wavelength