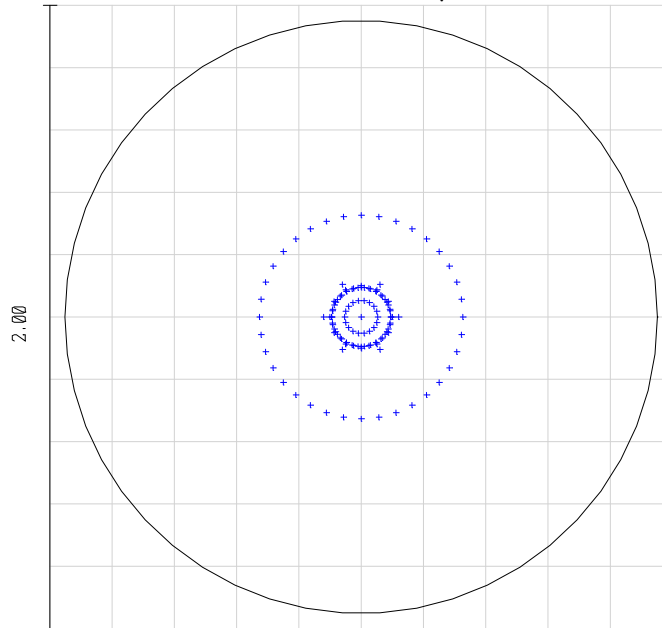


Spot Diagrams for Laser Quality Molded Glass Aspheric Lens 352240

Note: Black circle on plots indicates Airy Disk.

At Design Wavelength 780 nm

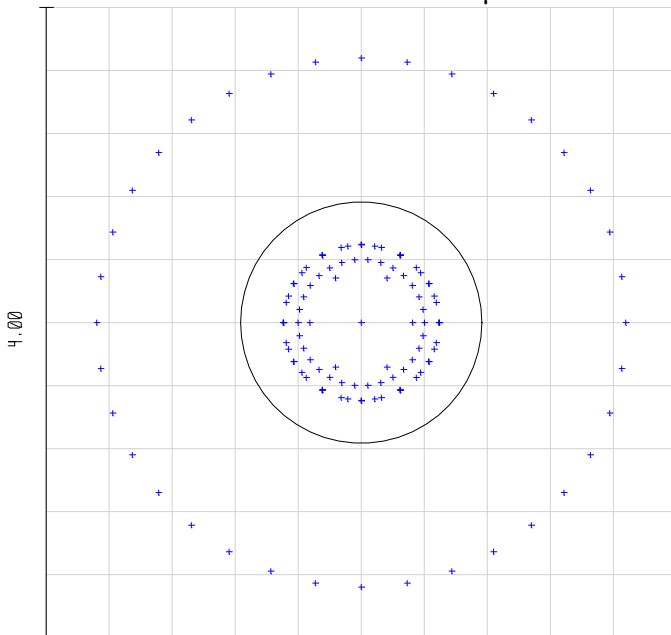
RMS Radius = 0.19 μm



Spot Diagrams for A-Coated Lens (352240-A)

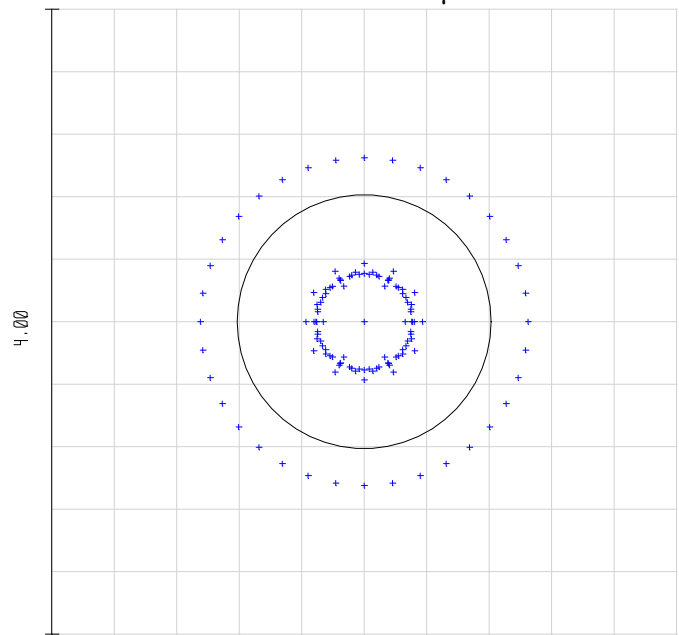
633 nm

RMS Radius = 0.97 μm



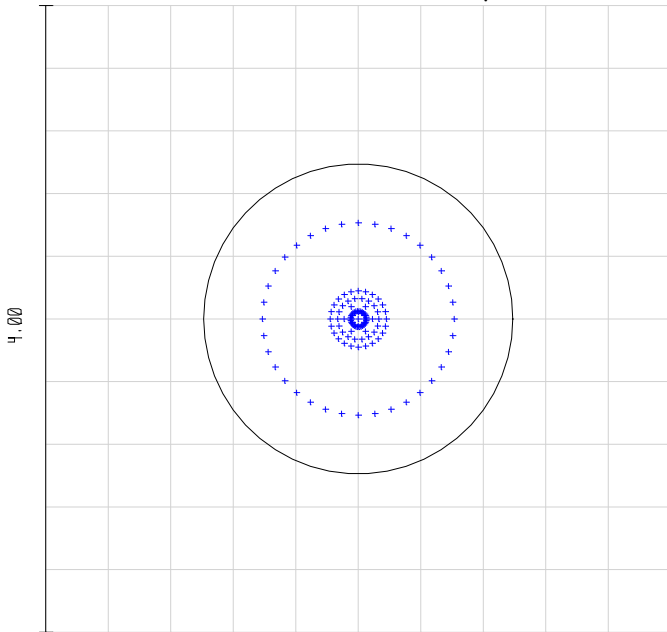
670 nm

RMS Radius = 0.62 μm

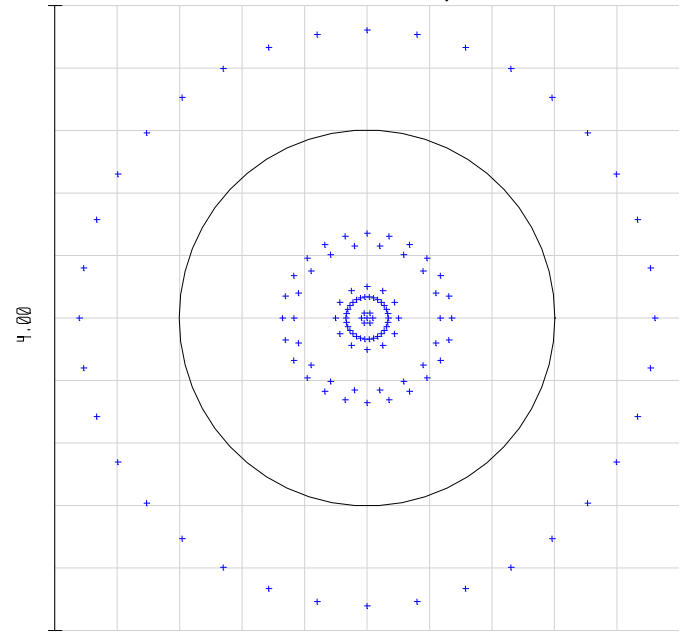


Spot Diagrams for B-Coated Lens (352240-B)

810 nm
RMS Radius = 0.34 μm

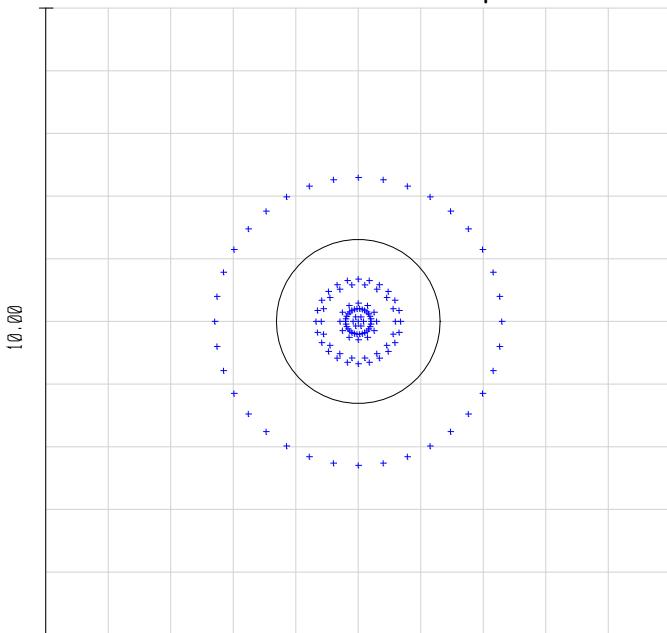


980 nm
RMS Radius = 1.03 μm

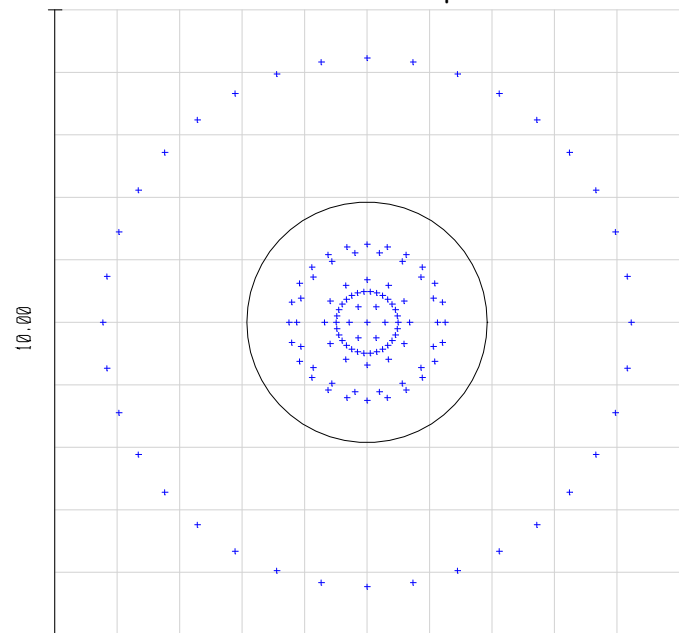


Spot Diagrams for C-Coated Lens (352240-C)

1064 nm
RMS Radius = 1.28 μm



1550 nm
RMS Radius = 2.38 μm



Chromatic Focal Shift

Maximum Focal Shift Range: 622.17 μm (350 – 1620 nm)

Diffraction Limited Range: 3.12 μm

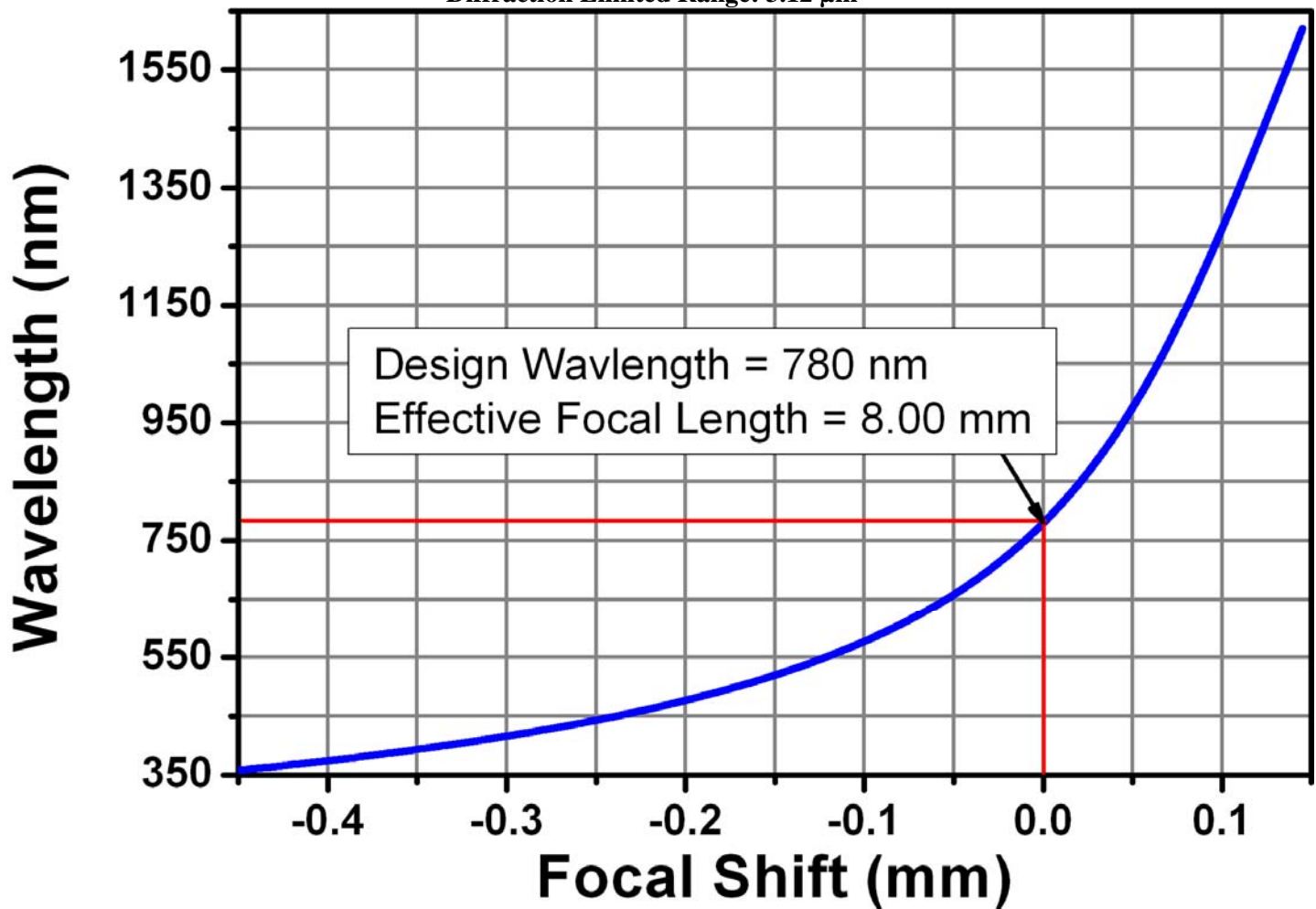


Table showing the focal length at various laser line wavelengths

Wavelength (nm)	Focal Length (mm)
405	7.638
633	7.929
670	7.951
780 ¹	8.000
810	8.011
830	8.018
980	8.057
1064	8.075
1550	8.153

¹ Design Wavelength