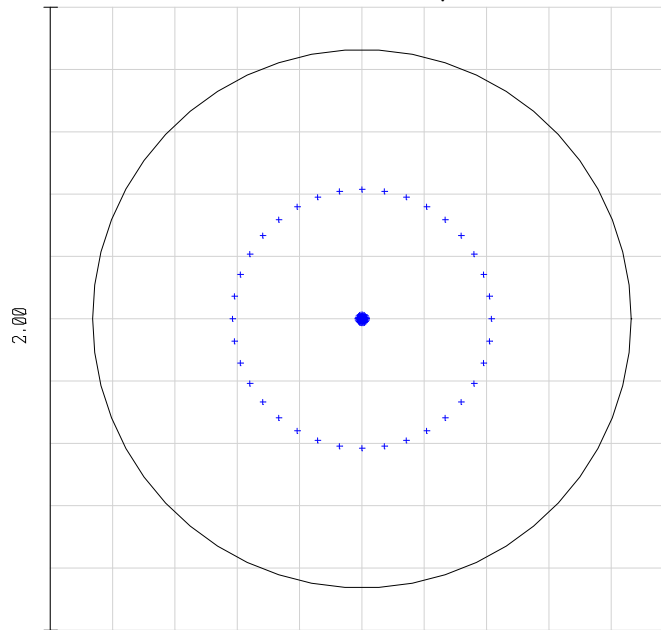


Spot Diagrams for Laser Quality Molded Glass Aspheric Lens 352230

Note: Black circle on plots indicates Airy Disk.

At Design Wavelength 780 nm

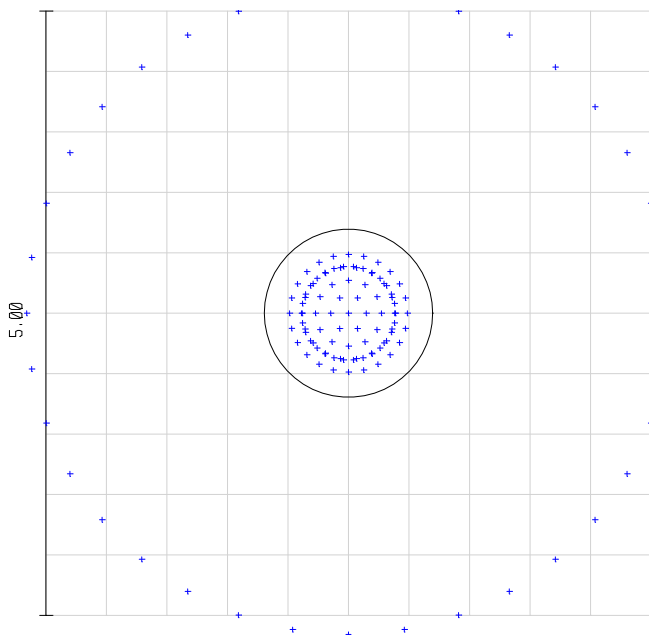
RMS Radius = 0.22 μm



Spot Diagrams for A-Coated Lens (352230-A)

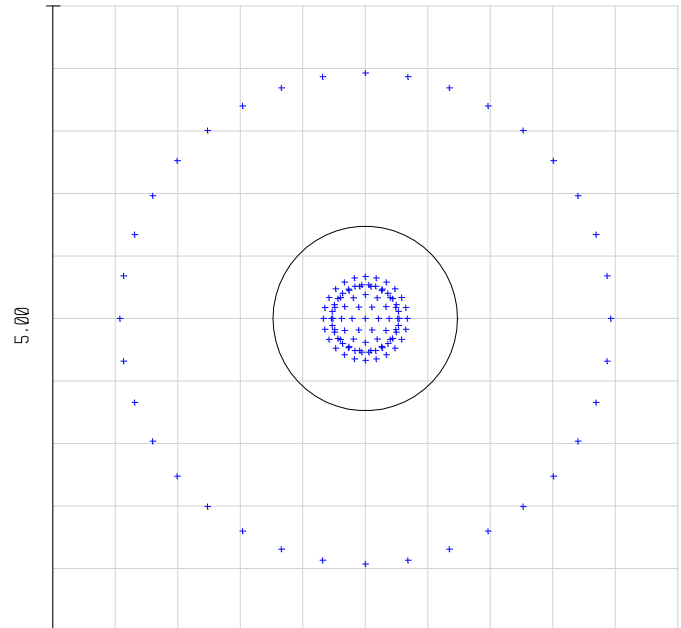
633 nm

RMS Radius = 1.45 μm



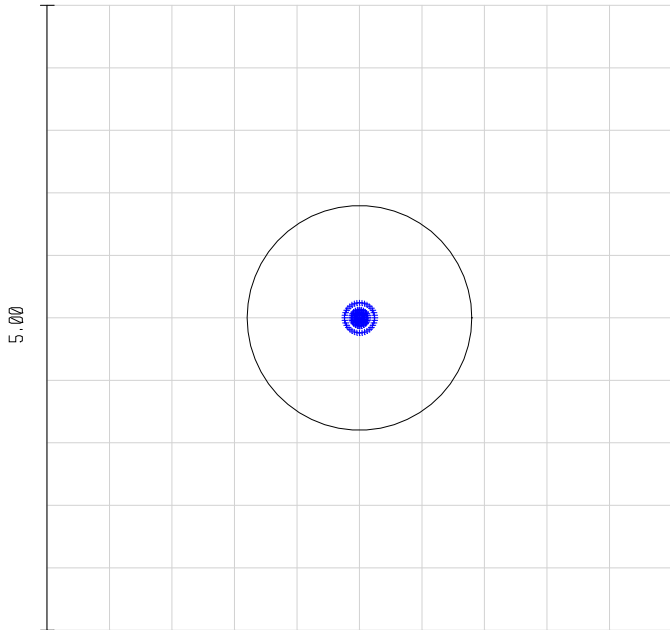
670 nm

RMS Radius = 1.07 μm

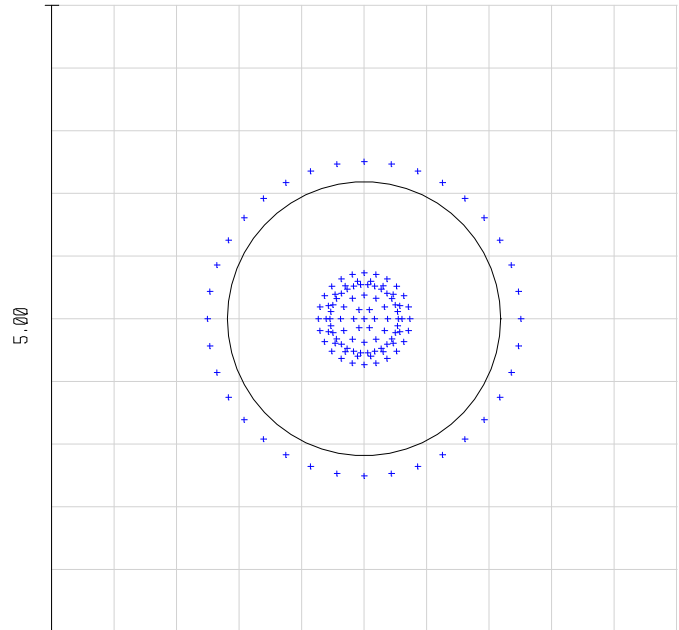


Spot Diagrams for B-Coated Lens (352230-B)

810 nm
RMS Radius = 0.08 μm

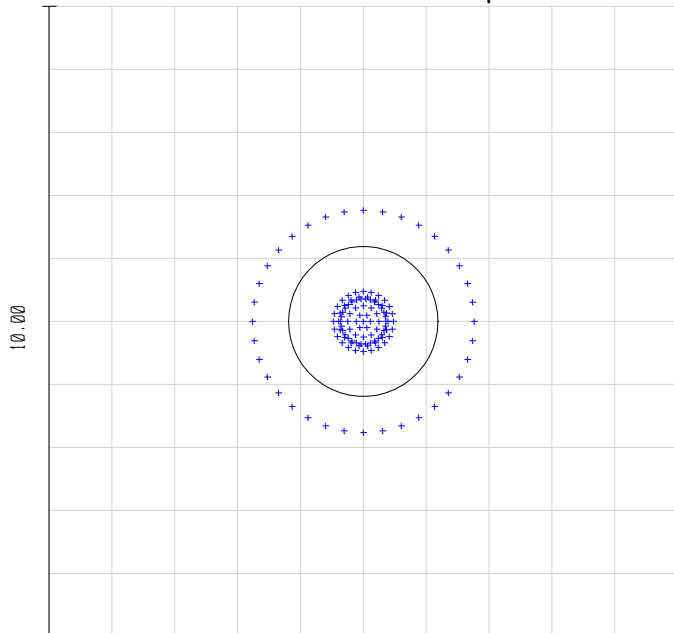


980 nm
RMS Radius = 0.71 μm

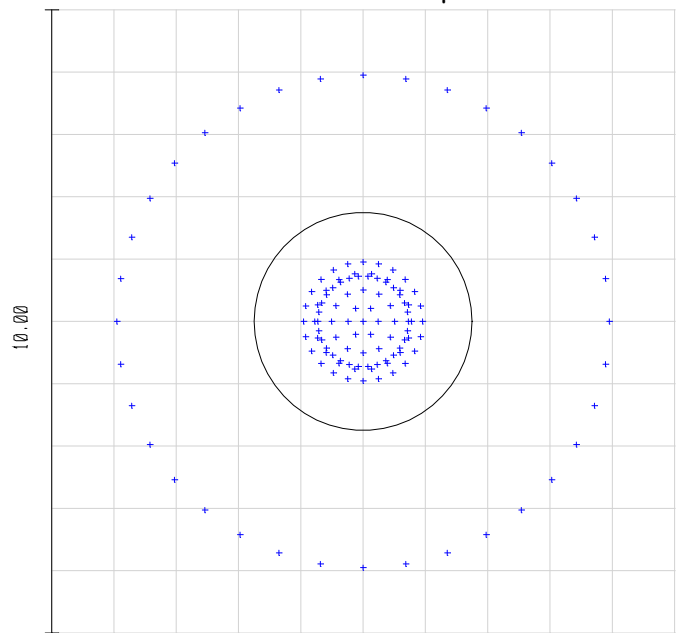


Spot Diagrams for C-Coated Lens (352230-C)

1064 nm
RMS Radius = 0.99 μm



1550 nm
RMS Radius = 2.20 μm



Chromatic Focal Shift

Maximum Focal Shift Range: 329.35 μm (350 – 1620 nm)

Diffraction Limited Range: 2.57 μm

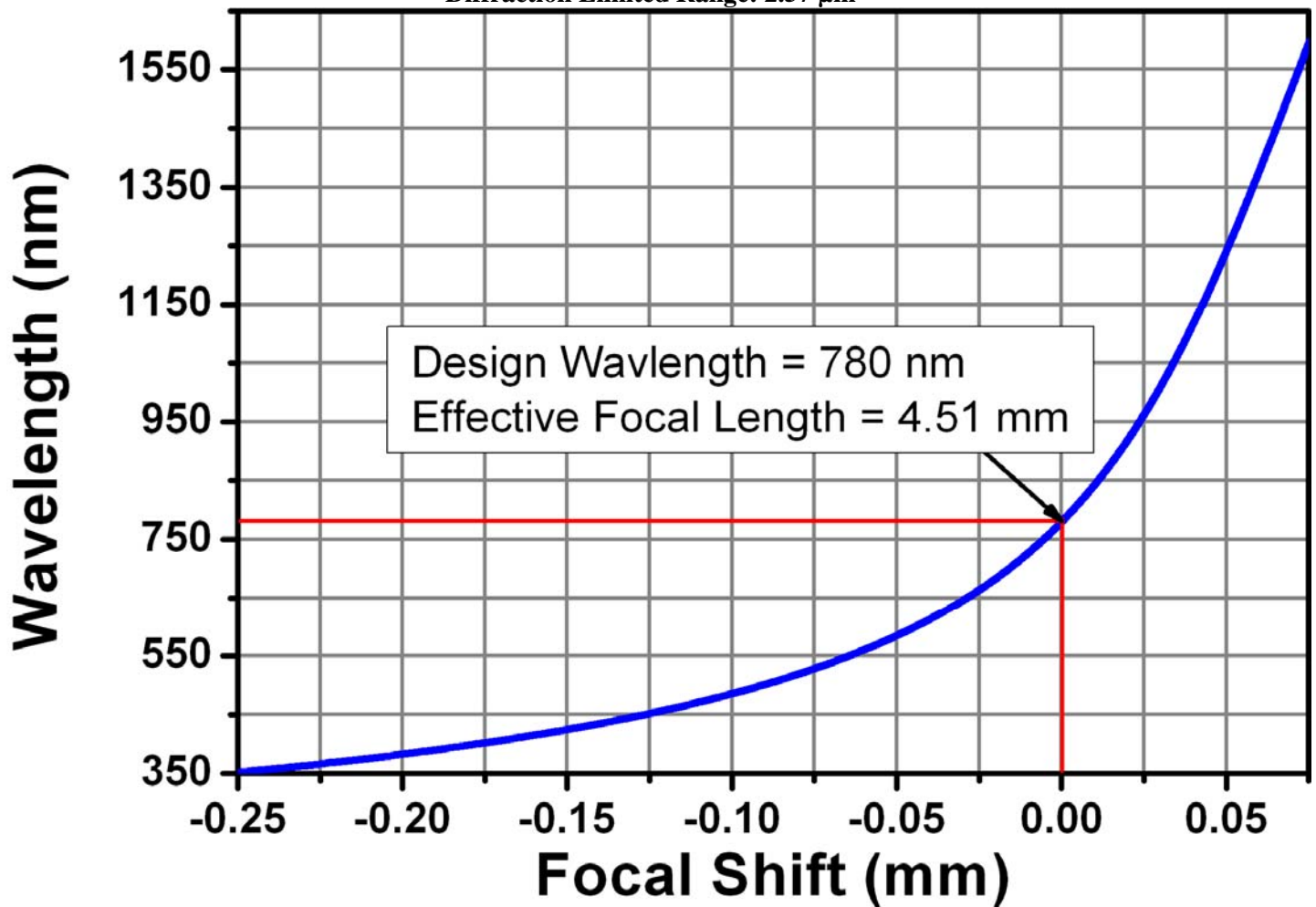


Table showing the focal length at various laser line wavelengths

Wavelength (nm)	Focal Length (mm)
405	4.310
633	4.471
670	4.483
780 ¹	4.510
810	4.516
830	4.520
980	4.542
1064	4.551
1550	4.594

¹ Design Wavelength