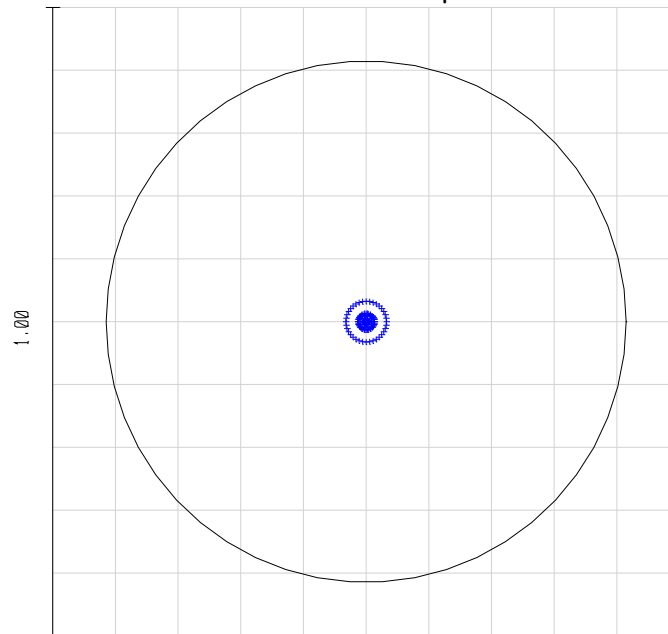


Spot Diagrams for Laser Quality Molded Glass Aspheric Lens 352610

Note: Black circle on plots indicates Airy Disk.

At Design Wavelength 410 nm

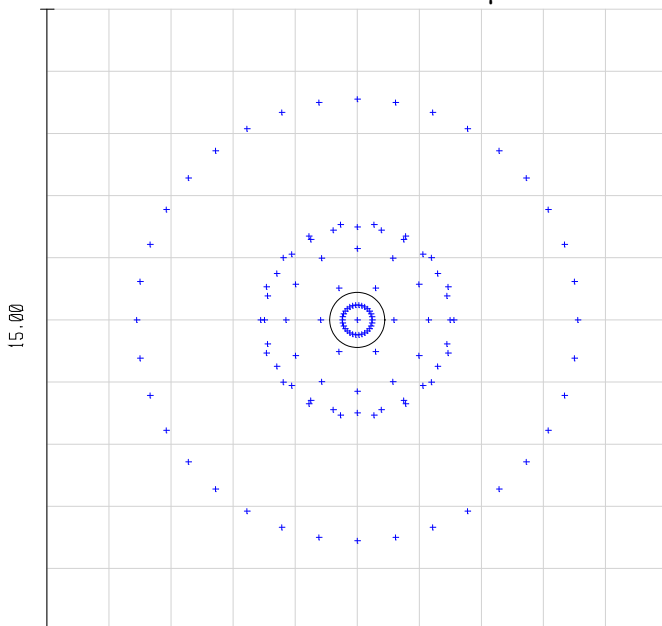
RMS Radius = 0.02 μm



Spot Diagrams for A-Coated Lens (352610-A)

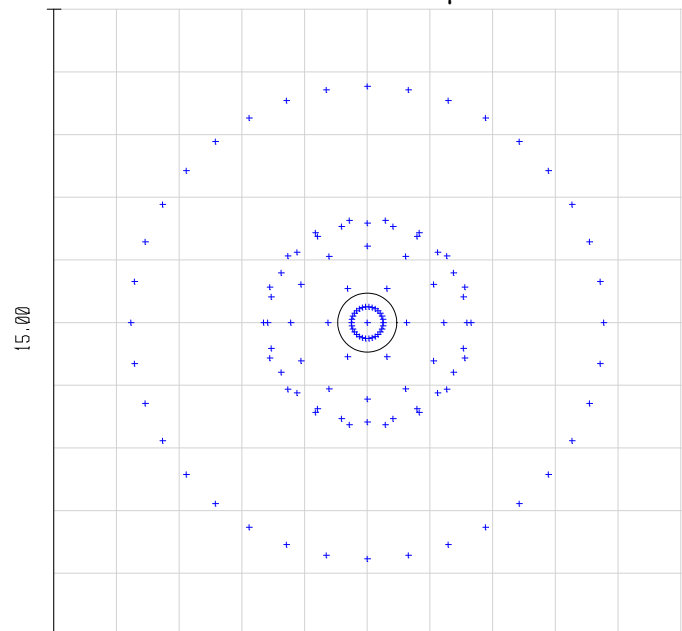
633 nm

RMS Radius = 3.18 μm



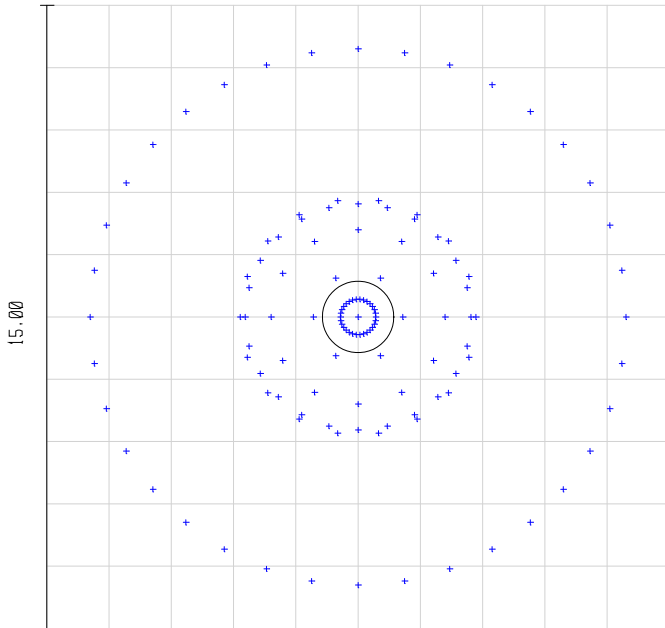
670 nm

RMS Radius = 3.38 μm

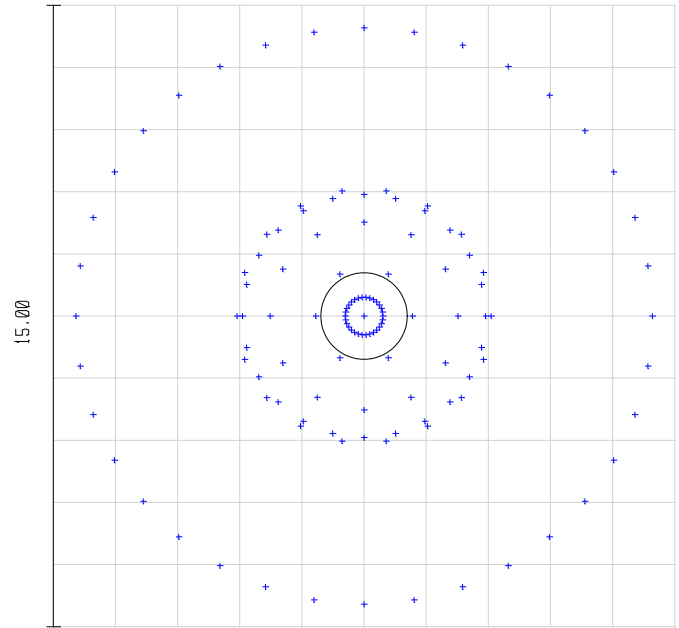


Spot Diagrams for B-Coated Lens (352610-B)

810 nm
RMS Radius = 3.86 μm

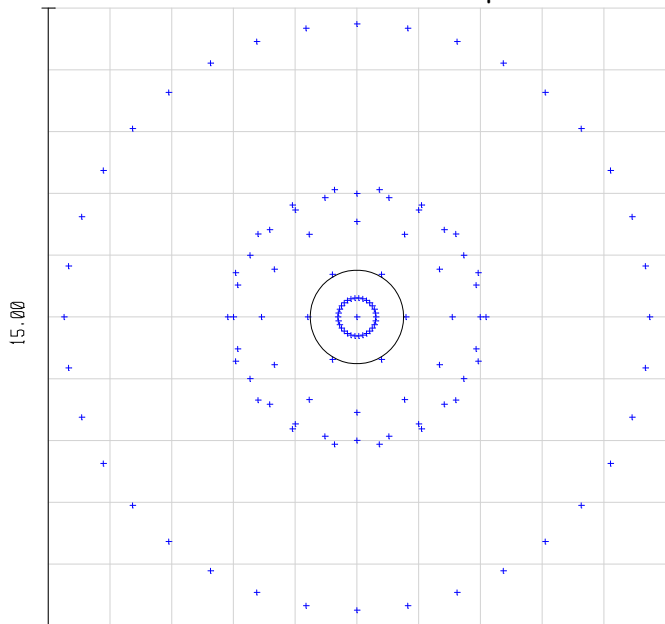


980 nm
RMS Radius = 4.16 μm

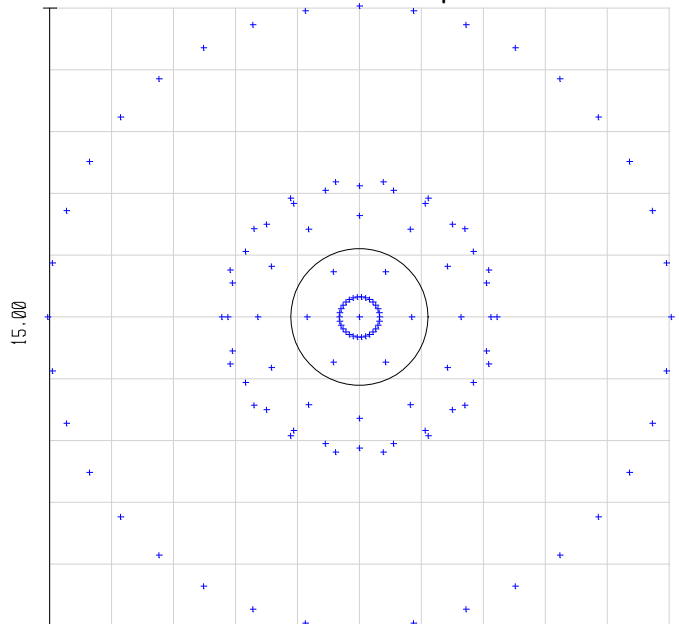


Spot Diagrams for C-Coated Lens (352610-C)

1064 nm
RMS Radius = 4.25 μm



1550 nm
RMS Radius = 4.50 μm



Chromatic Focal Shift

Maximum Focal Shift Range: 283.36 μm (350 – 1620 nm)

Diffraction Limited Range: 1.13 μm

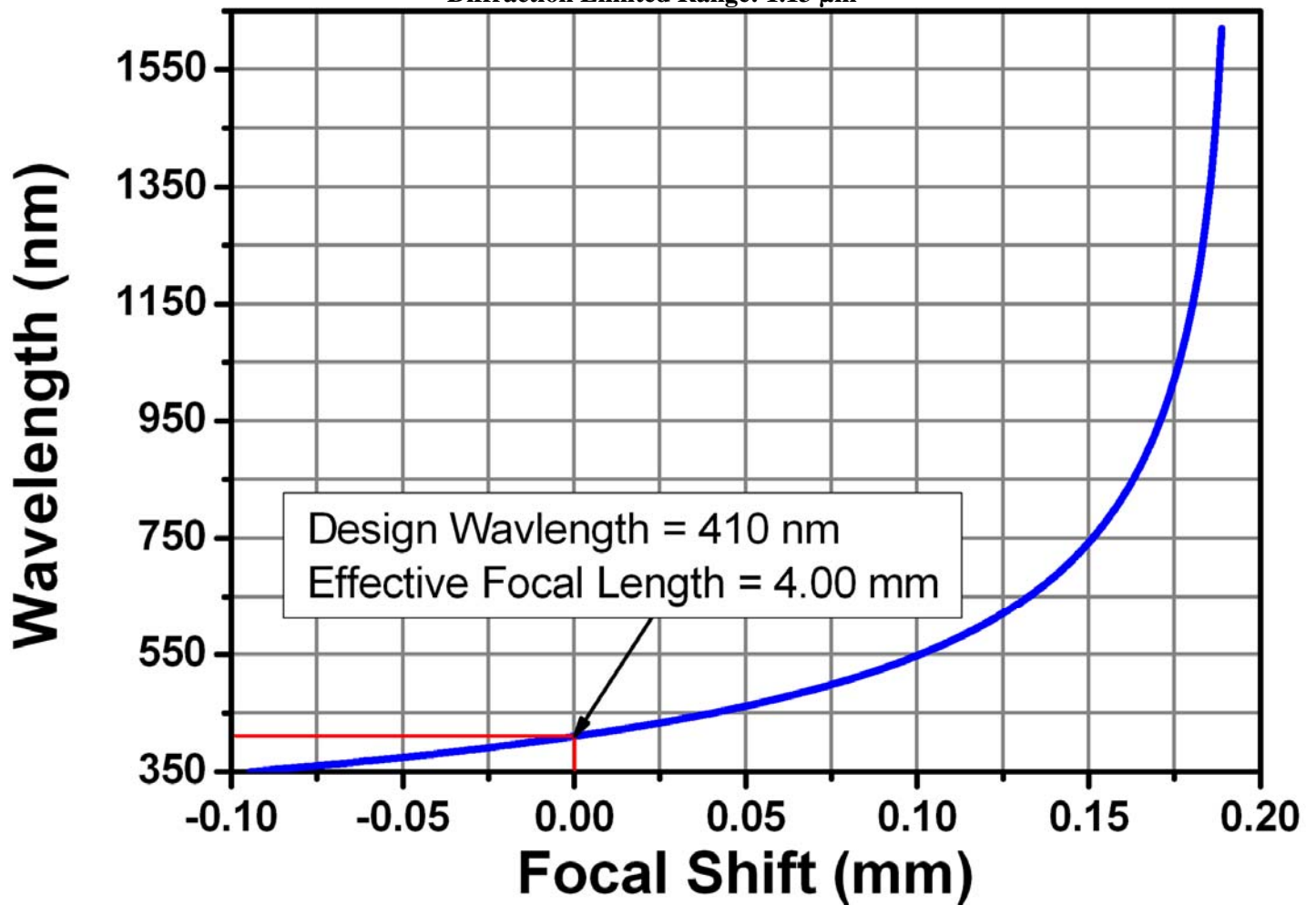


Table showing the focal length at various laser line wavelengths

Wavelength (nm)	Focal Length (mm)
410 ¹	4.000
633	4.159
670	4.170
780	4.193
810	4.198
830	4.201
980	4.216
1064	4.222
1550	4.238

¹ Design Wavelength