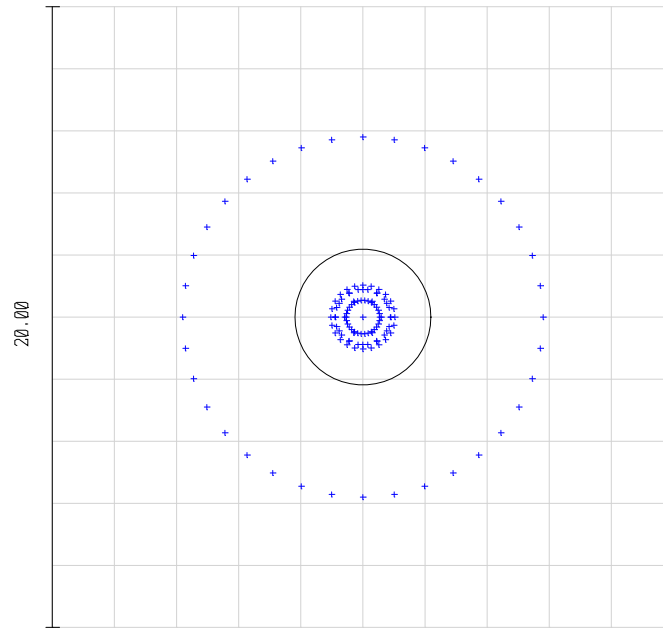


Spot Diagrams for Laser Quality Molded Glass Aspheric Lens 352440

Note: Black circle on plots indicates Airy Disk.

At Design Wavelength 980 nm

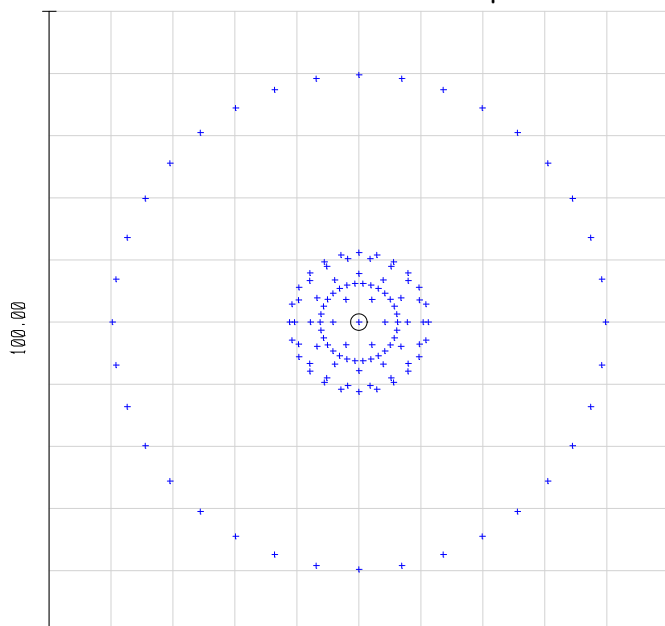
RMS Radius = 3.17 μm



Spot Diagrams for A-Coated Lens (352440-A)

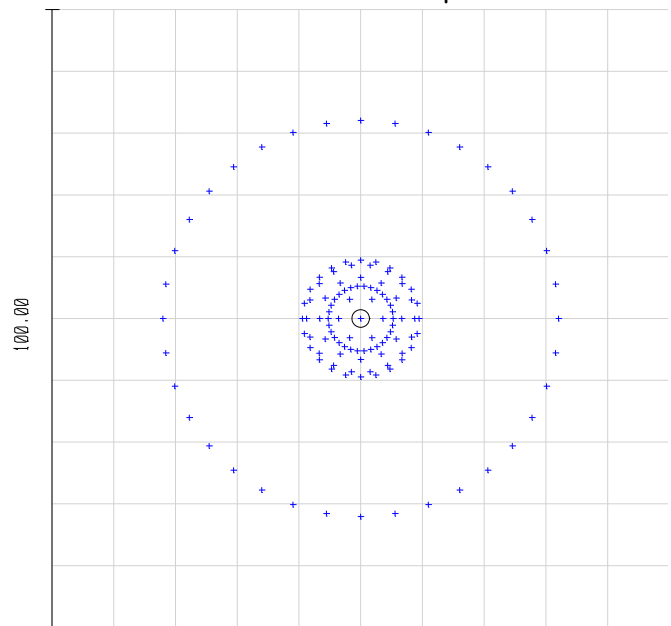
633 nm

RMS Radius = 22.44 μm



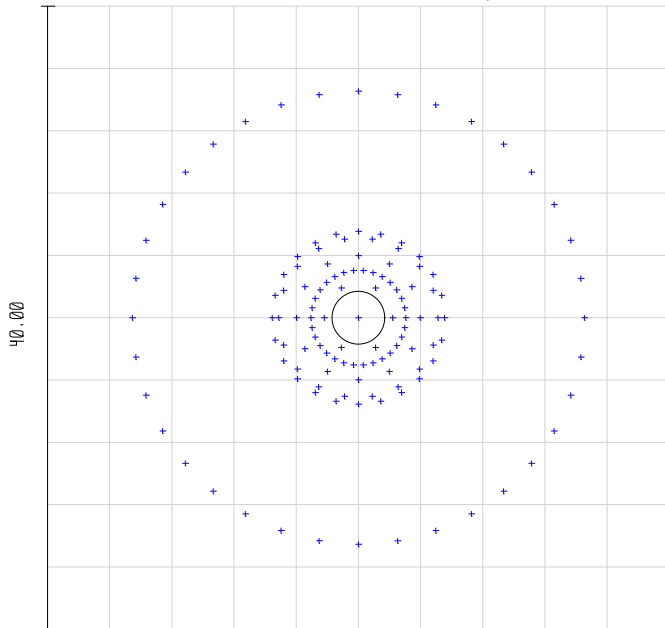
670 nm

RMS Radius = 18.17 μm

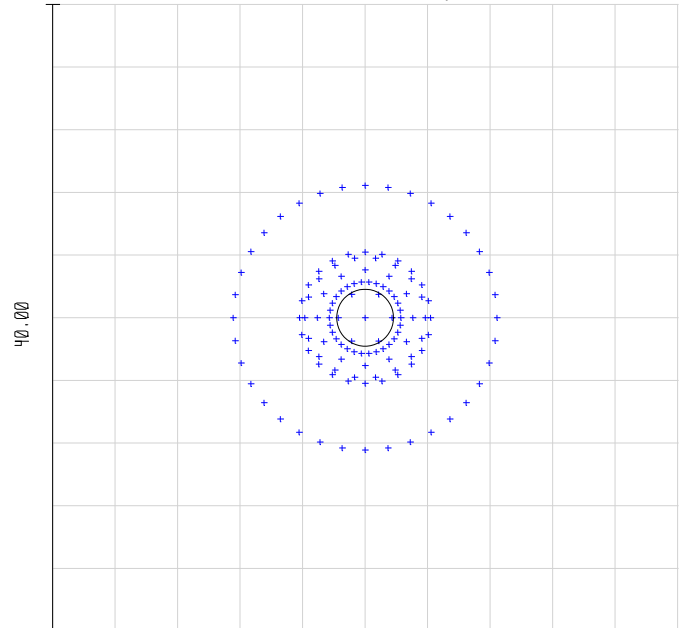


Spot Diagrams for B-Coated Lens (352440-B)

780 nm
RMS Radius = 8.57 μm

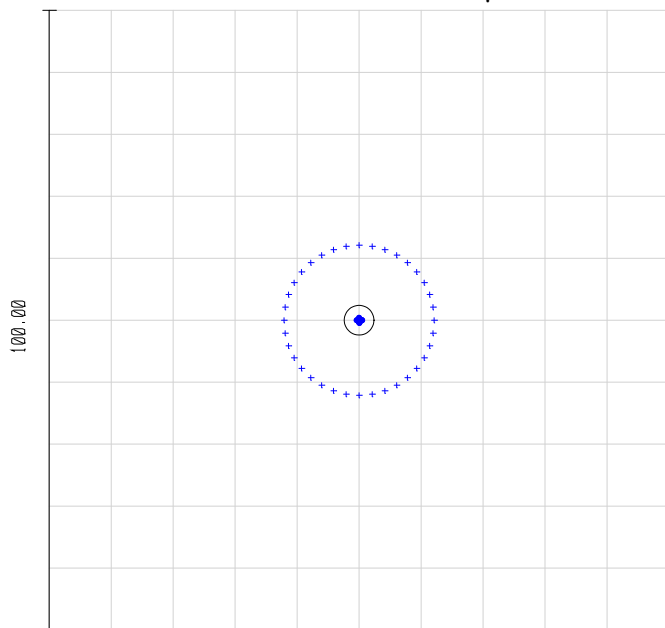


830 nm
RMS Radius = 5.28 μm

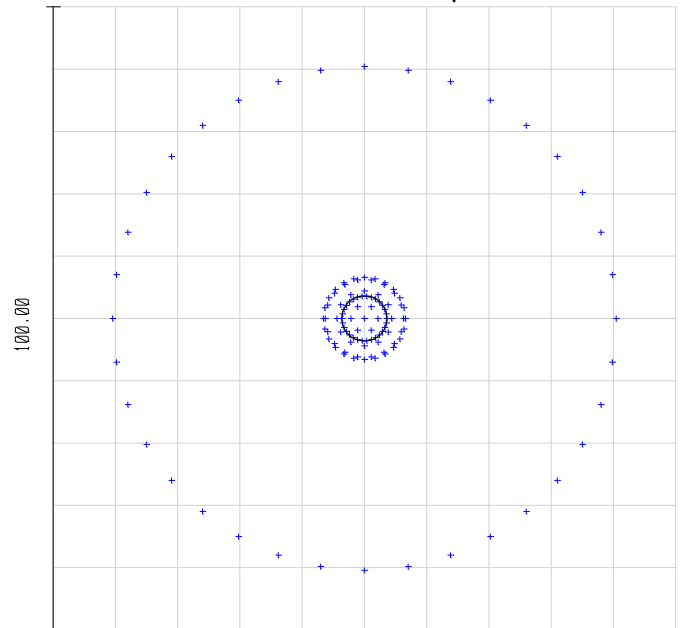


Spot Diagrams for C-Coated Lens (352440-C)

1064 nm
RMS Radius = 6.46 μm



1550 nm
RMS Radius = 21.96 μm



Chromatic Focal Shift

Maximum Focal Shift Range: 1386.30 μm (350 – 1620 nm)

Diffraction Limited Range: 13.13 μm

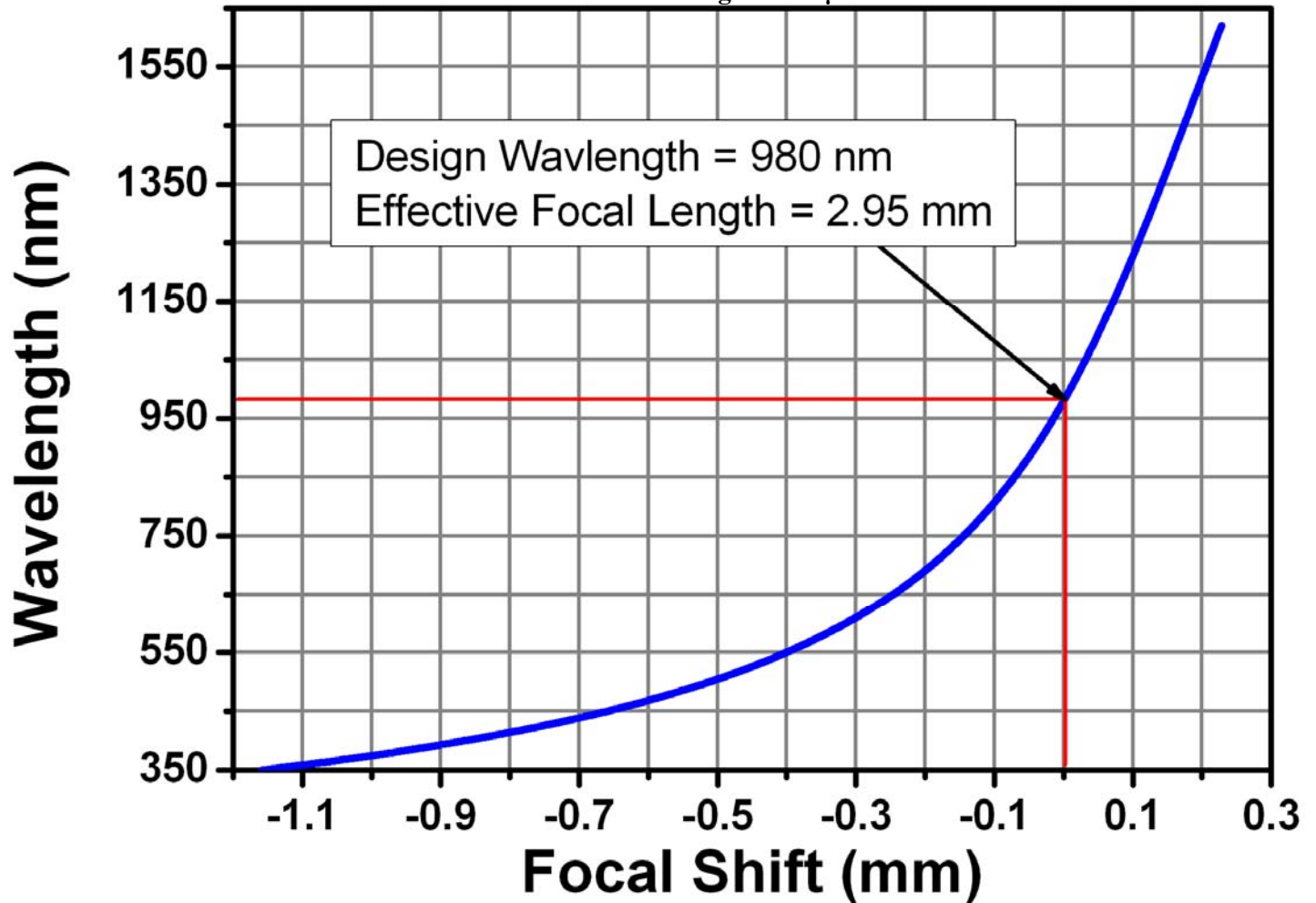


Table showing the focal length at various laser line wavelengths

Wavelength (nm)	Focal Length (mm)
405	2.839
633	2.916
670	2.922
780	2.935
810	2.938
830	2.94
980 ¹	2.95
1064	2.955
1550	2.975

¹ Design Wavelength

