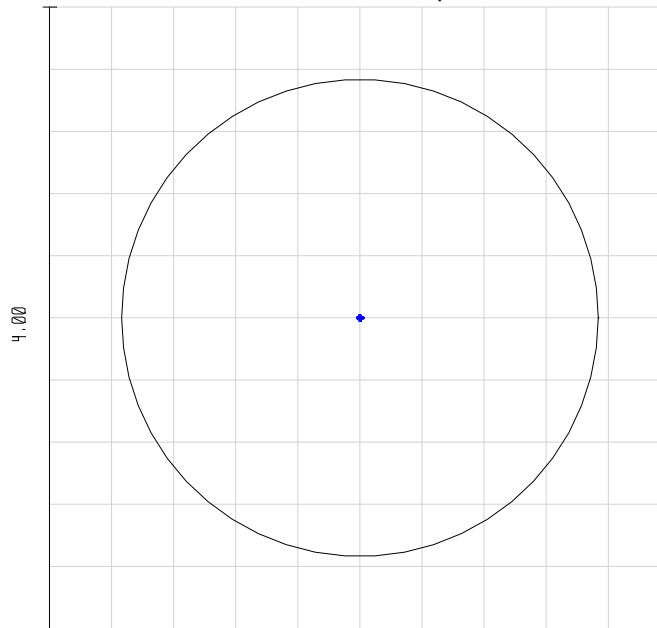


Spot Diagrams for Laser Quality Molded Glass Aspheric Lens 352220

Note: Black circle on plots indicates Airy Disk.

At Design Wavelength 633 nm

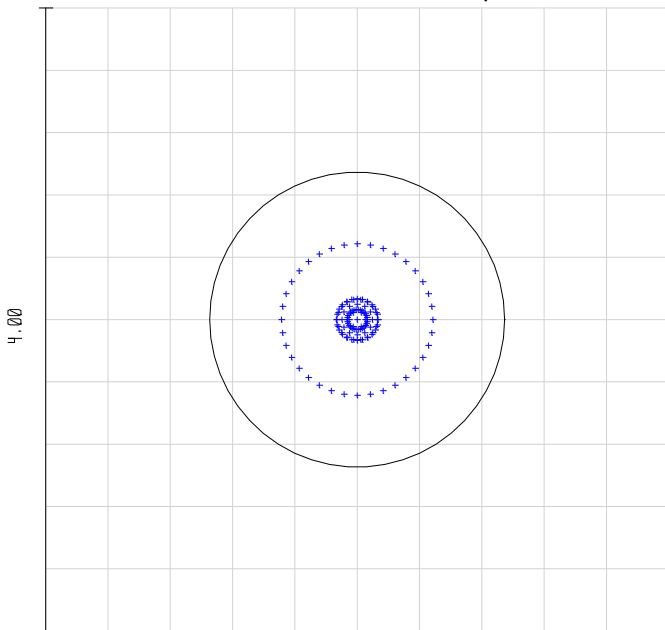
RMS Radius = 0.01 μm



Spot Diagrams for A-Coated Lens (352220-A)

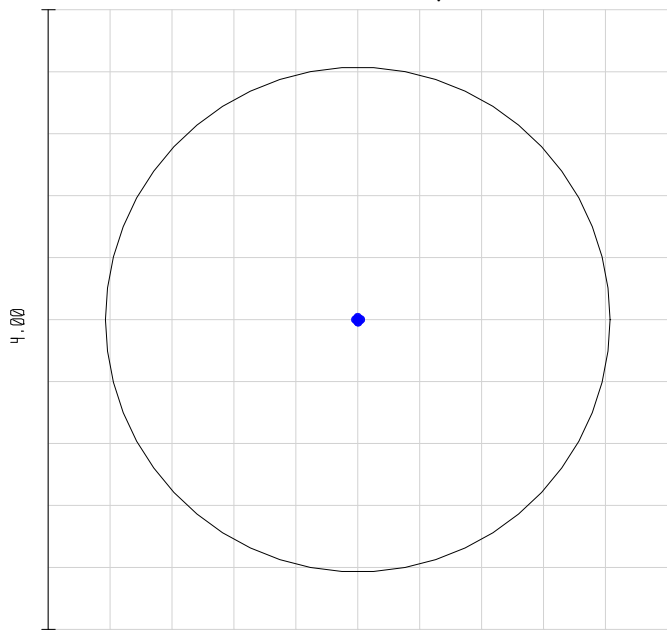
405 nm

RMS Radius = 0.27 μm



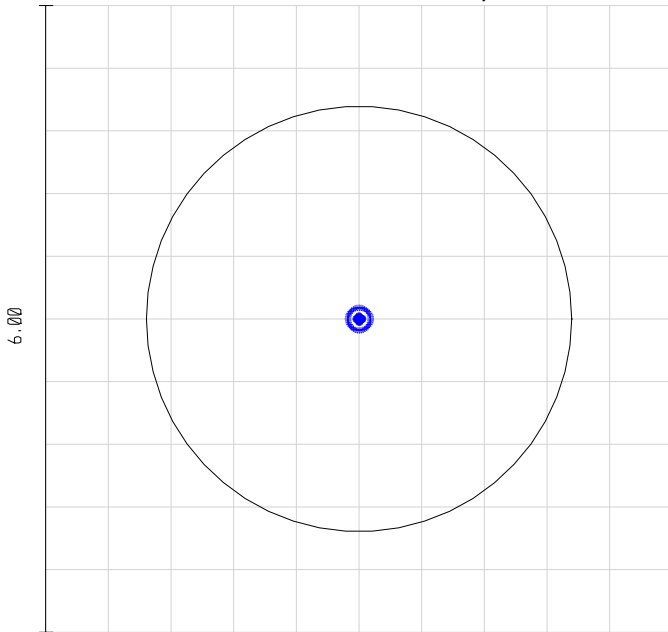
670 nm

RMS Radius = 0.02 μm

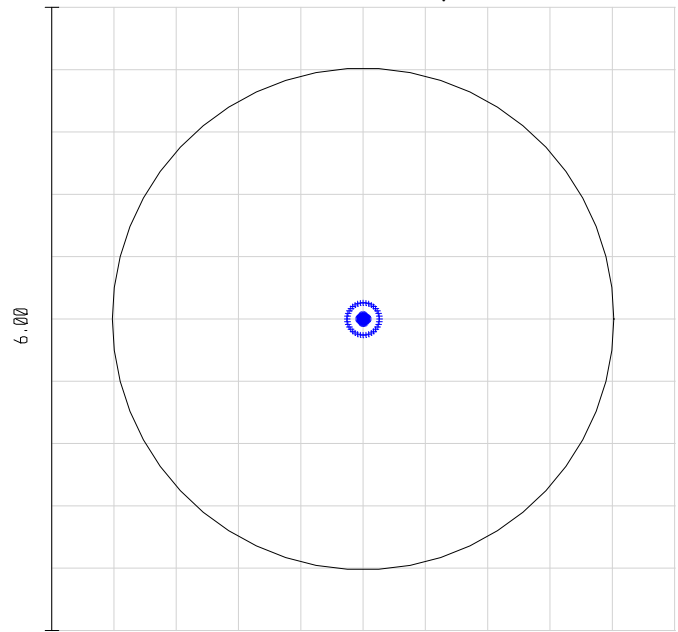


Spot Diagrams for B-Coated Lens (352220-B)

830 nm
RMS Radius = 0.06 μm

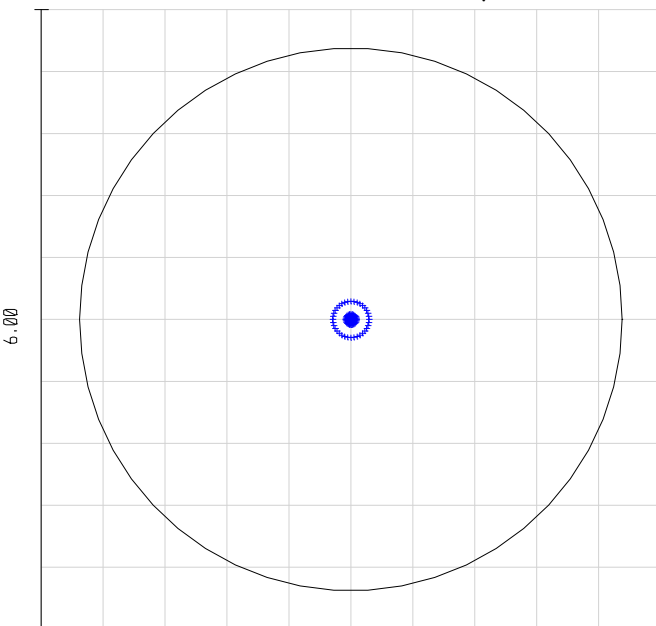


980 nm
RMS Radius = 0.09 μm

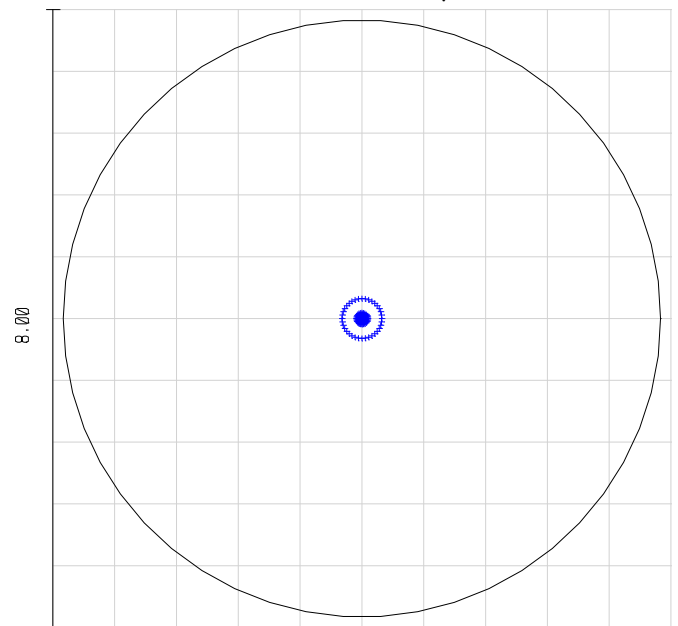


Spot Diagrams for C-Coated Lens (352220-C)

1064 nm
RMS Radius = 0.10 μm



1550 nm
RMS Radius = 0.15 μm



Chromatic Focal Shift

Maximum Focal Shift Range: 870.90 μm (350 – 1620 nm)

Diffraction Limited Range: 10.01 μm

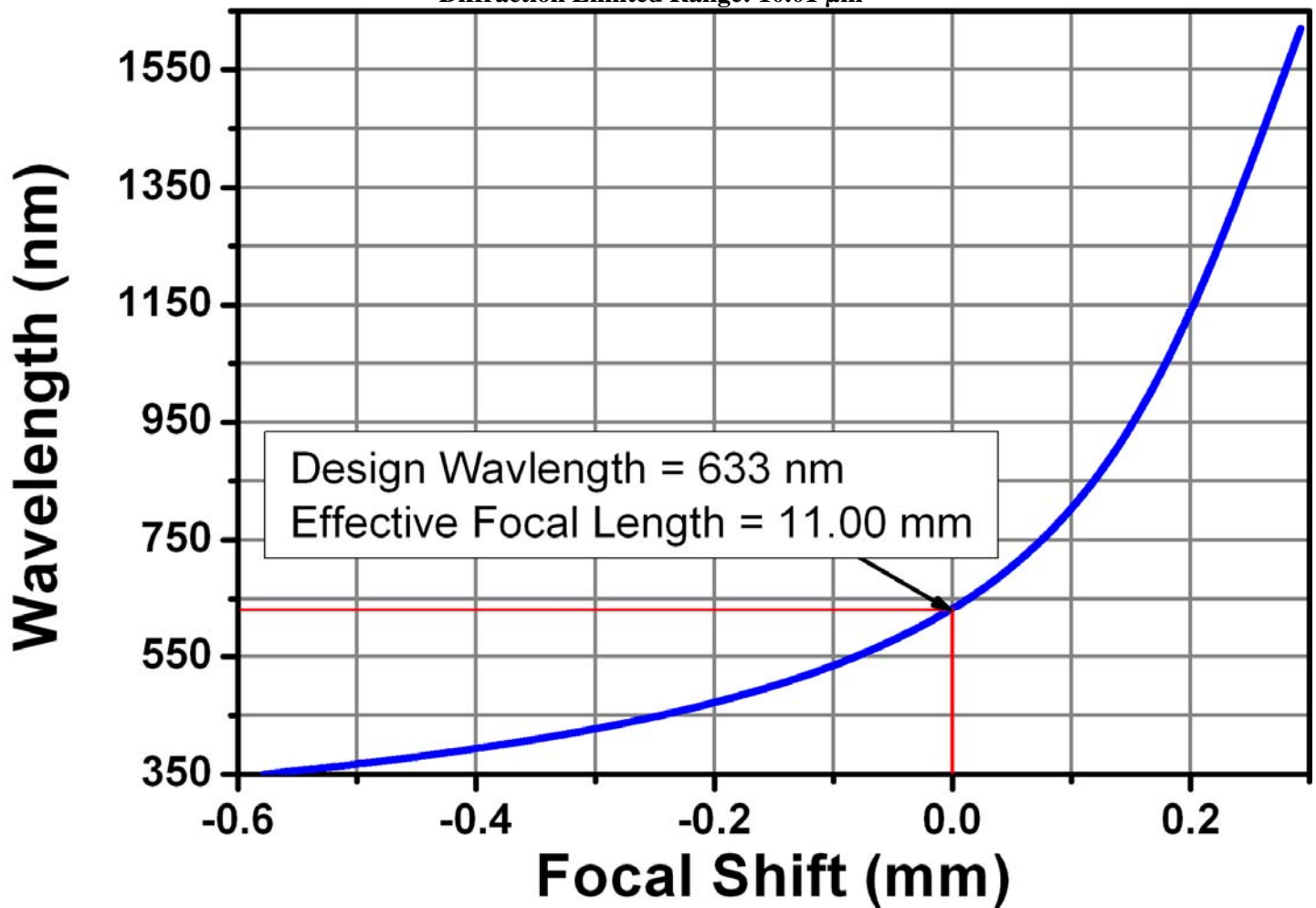


Table showing the focal length at various laser line wavelengths

Wavelength (nm)	Focal Length (mm)
405	10.596
633 ¹	11.005
670	11.036
780	11.106
810	11.120
830	11.130
980	11.185
1064	11.210
1550	11.319

¹ Design Wavelength