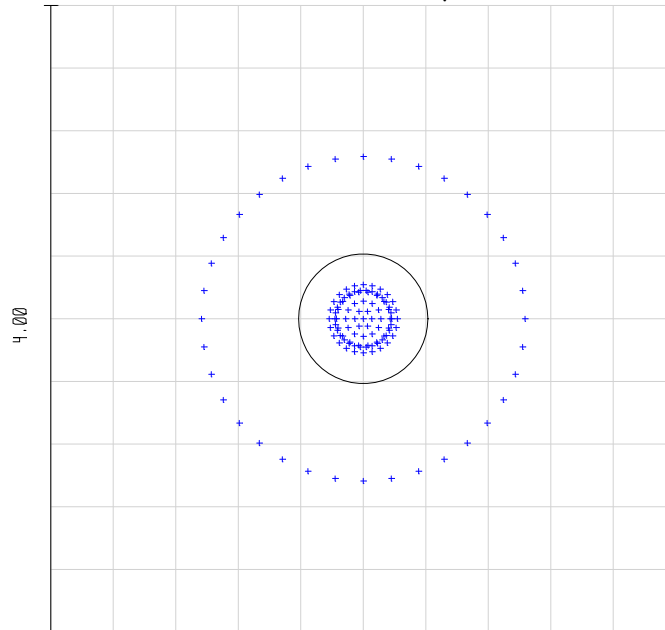


Spot Diagrams for Laser Quality Molded Glass Aspheric Lens 352671

Note: Black circle on plots indicates Airy Disk.

At Design Wavelength 408 nm

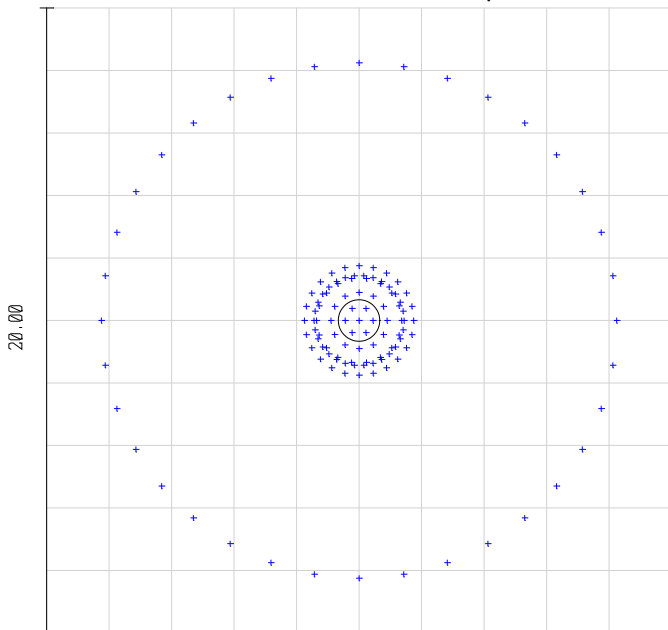
RMS Radius = 0.57 μm



Spot Diagrams for A-Coated Lens (352671-A)

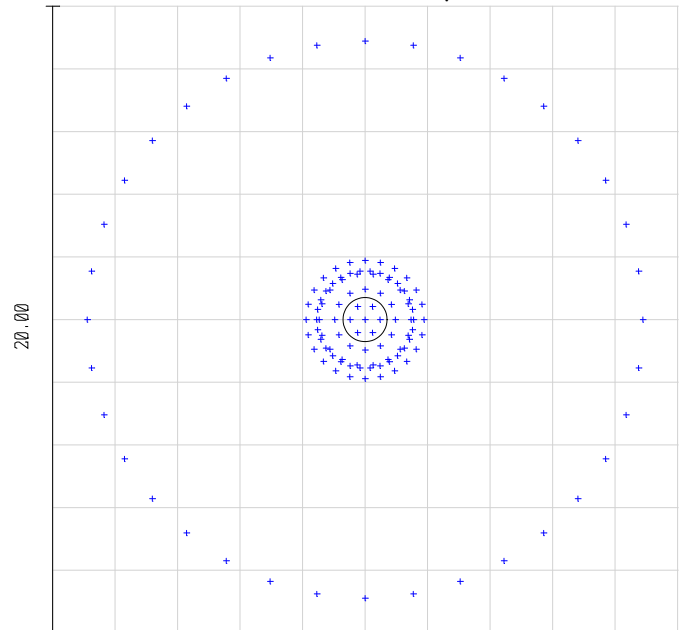
633 nm

RMS Radius = 4.55 μm



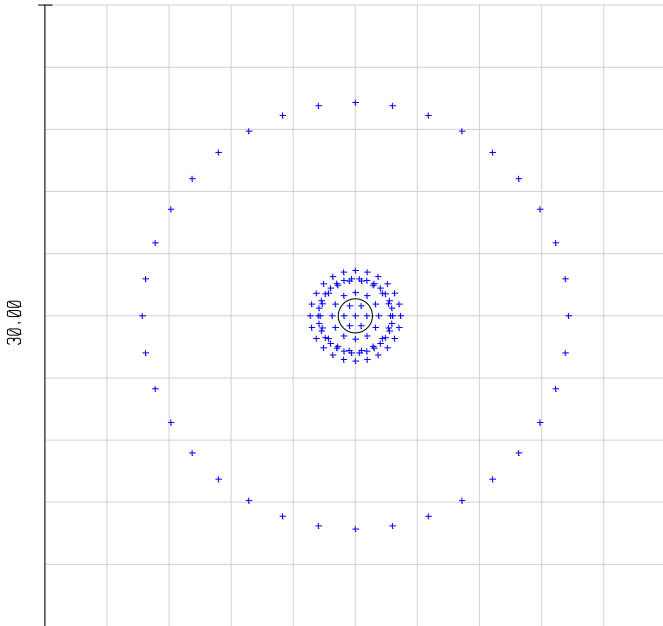
670 nm

RMS Radius = 4.90 μm

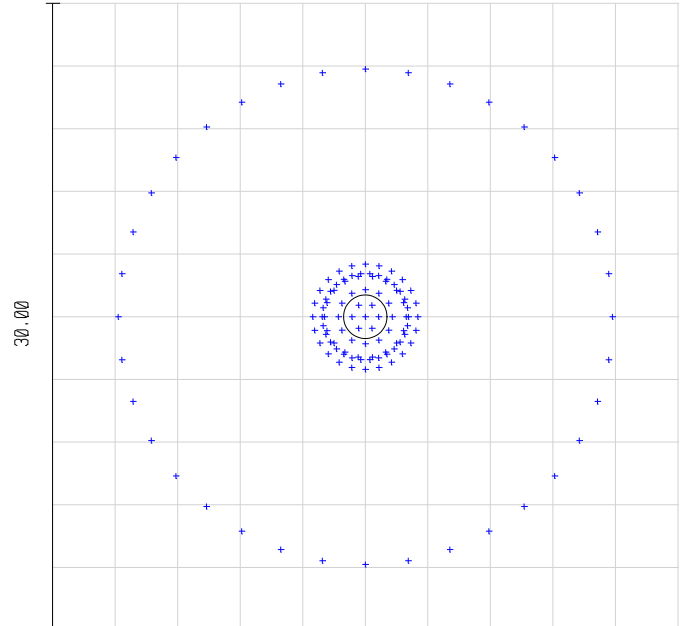


Spot Diagrams for B-Coated Lens (352671-B)

780 nm
RMS Radius = 5.68 μm

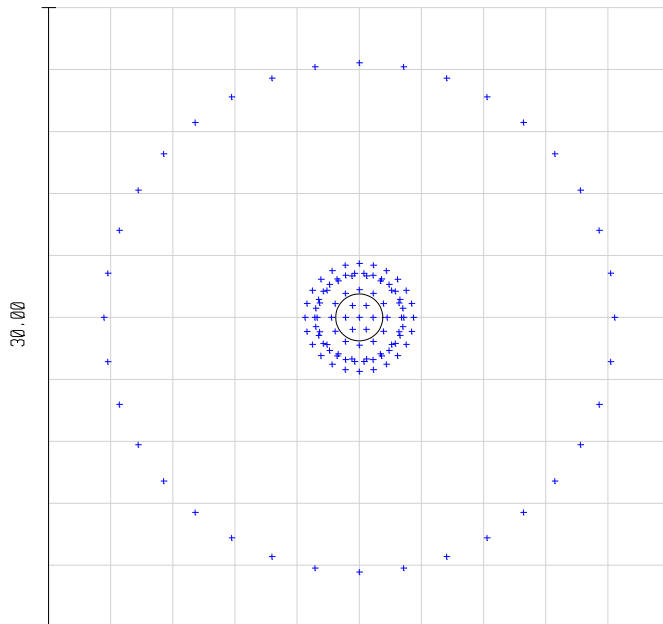


980 nm
RMS Radius = 6.54 μm

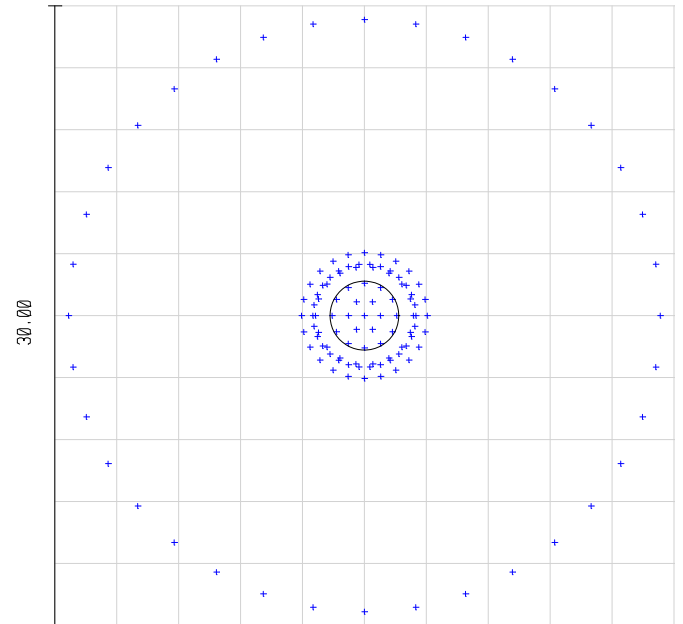


Spot Diagrams for C-Coated Lens (352671-C)

1064 nm
RMS Radius = 2.60 μm



1550 nm
RMS Radius = 7.91 μm



Chromatic Focal Shift

Maximum Focal Shift Range: 299.53 μm (350 – 1620 nm)

Diffraction Limited Range: 1.13 μm

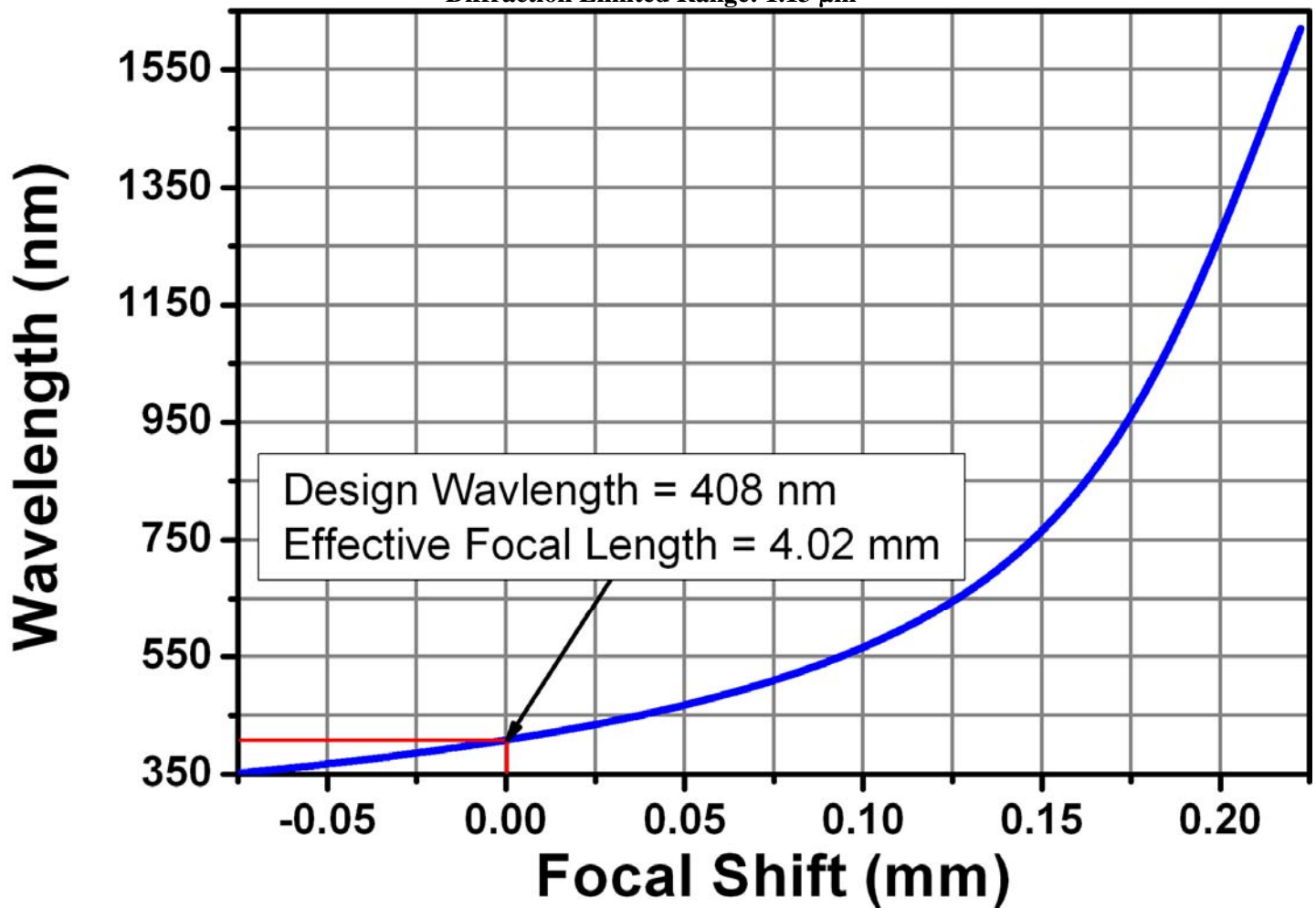


Table showing the focal length at various laser line wavelengths

Wavelength (nm)	Focal Length (mm)
408 ¹	4.020
633	4.151
670	4.162
780	4.187
810	4.193
830	4.196
980	4.216
1064	4.225
1550	4.265

¹ Design Wavelength