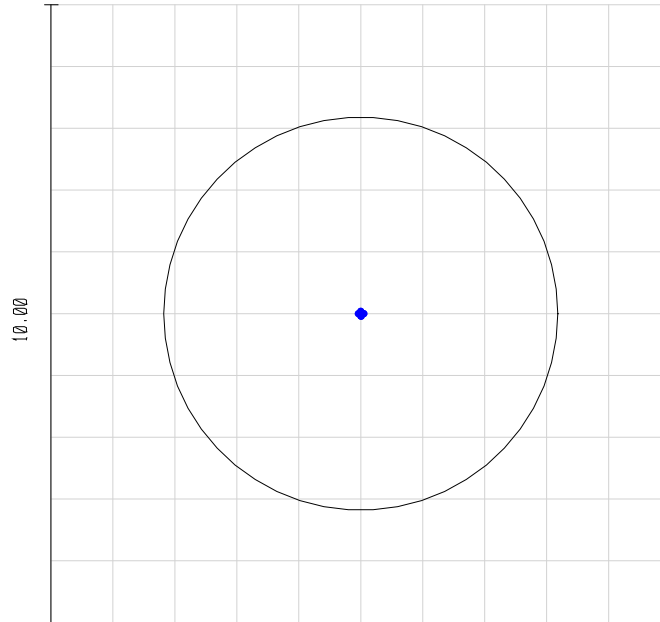


Spot Diagrams for Laser Quality Molded Glass Aspheric Lens 352280

Note: Black circle on plots indicates Airy Disk.

At Design Wavelength 780 nm

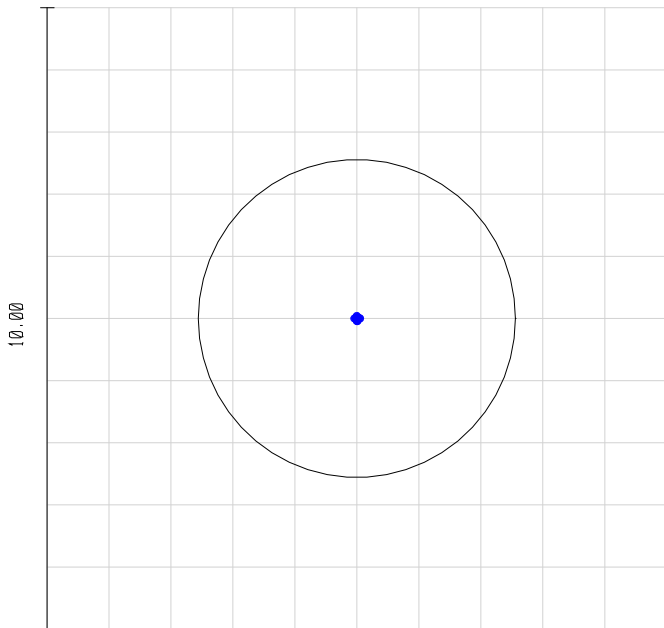
RMS Radius = 0.003 μm



Spot Diagrams for A-Coated Lens (352280-A)

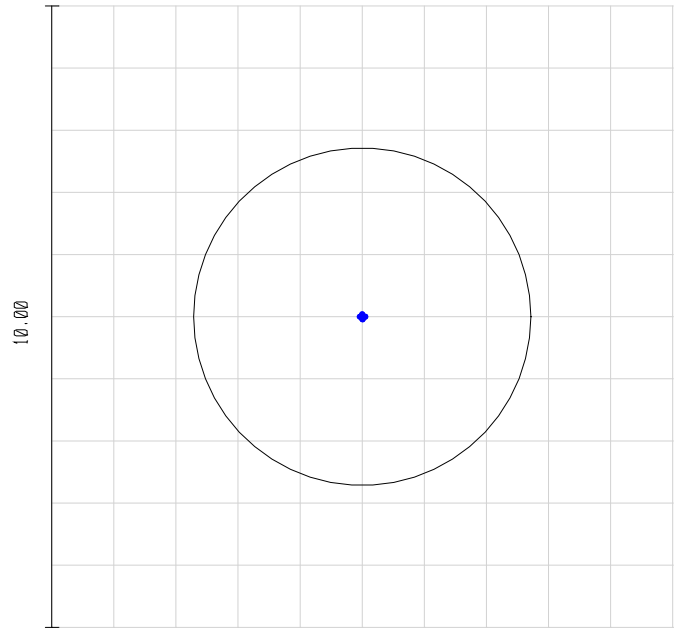
633 nm

RMS Radius = 0.04 μm



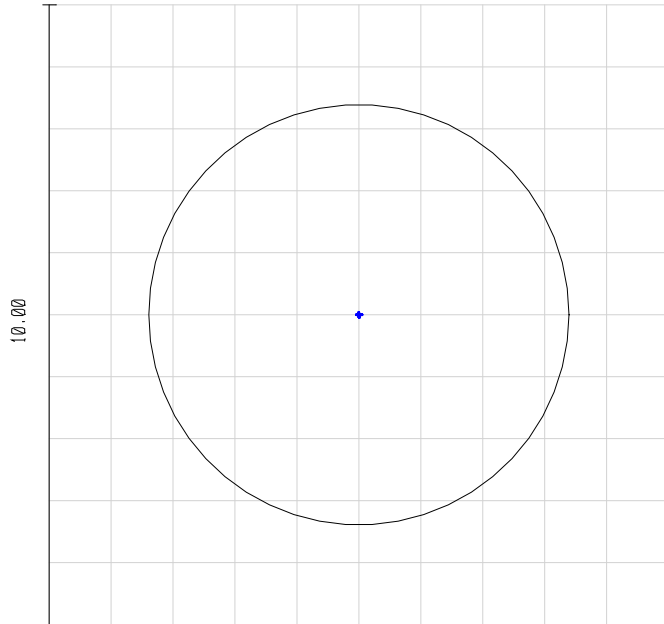
670 nm

RMS Radius = 0.04 μm

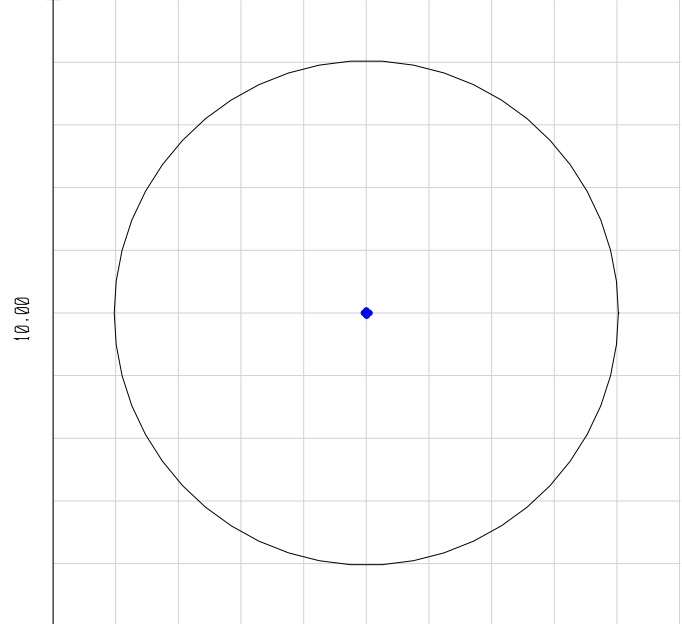


Spot Diagrams for B-Coated Lens (352280-B)

830 nm
RMS Radius = 0.01 μm

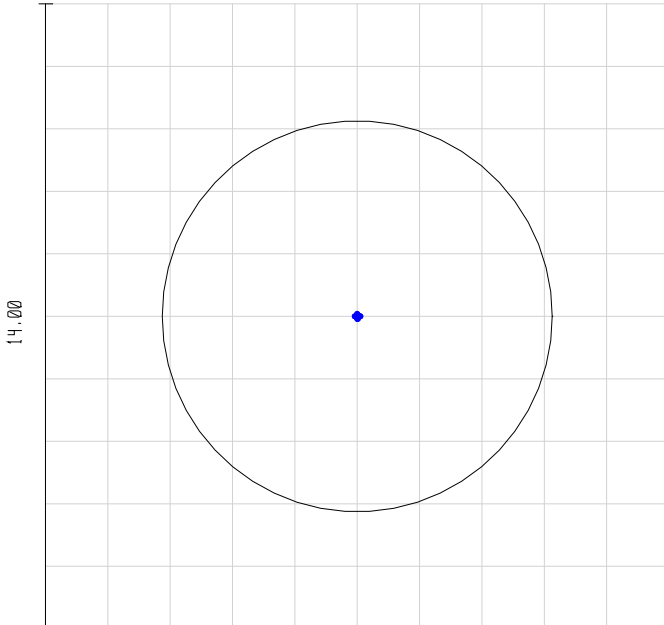


980 nm
RMS Radius = 0.03 μm

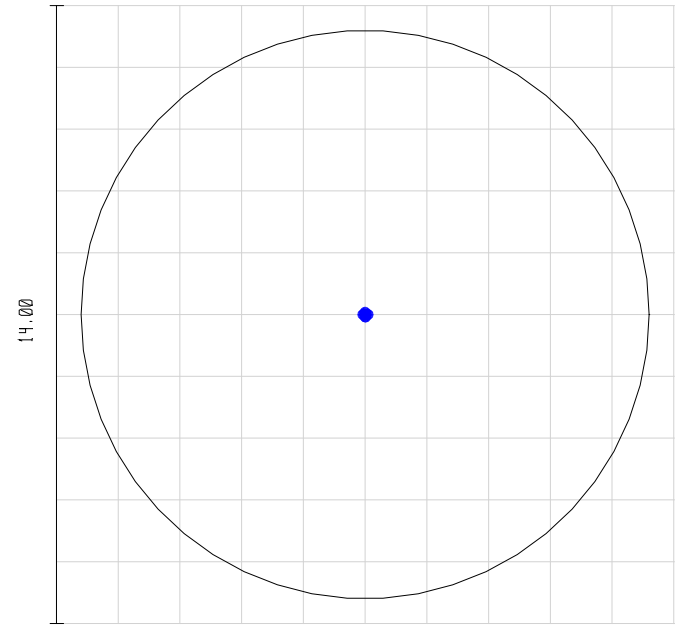


Spot Diagrams for C-Coated Lens (352280-C)

1064 nm
RMS Radius = 0.04 μm



1550 nm
RMS Radius = 0.07 μm



Chromatic Focal Shift

Maximum Focal Shift Range: 1576.29 μm (350 – 1620 nm)

Diffraction Limited Range: 34.85 μm

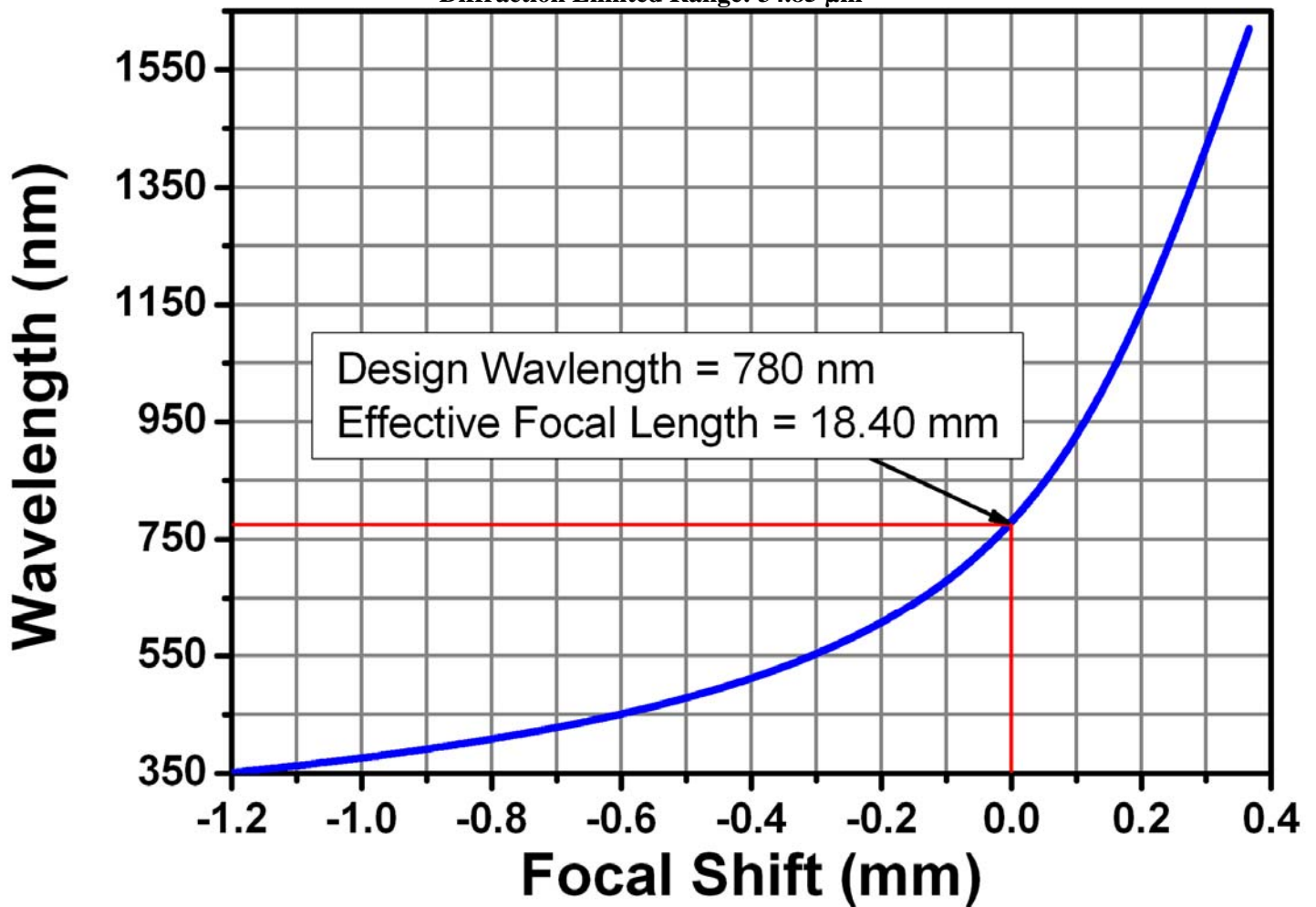


Table showing the focal length at various laser line wavelengths

Wavelength (nm)	Focal Length (mm)
405	17.556
633	18.234
670	18.285
780 ¹	18.400
810	18.425
830	18.440
980	18.533
1064	18.574
1550	18.755

¹ Design Wavelength