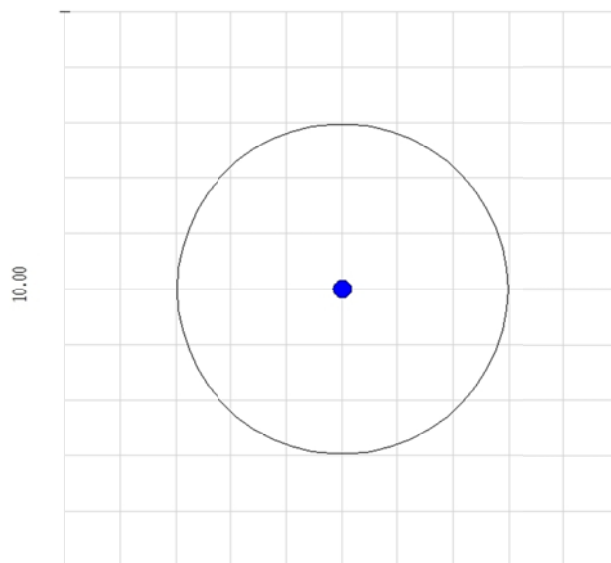


Spot Diagrams for Laser Quality Molded Glass Aspheric Lens A260

At Design Wavelength 780 nm

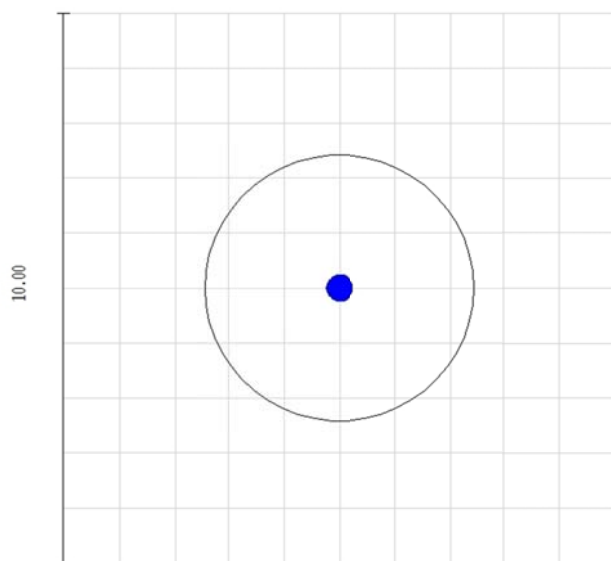
RMS Radius = 0.048 μm



Spot Diagrams for A-Coated Lens:

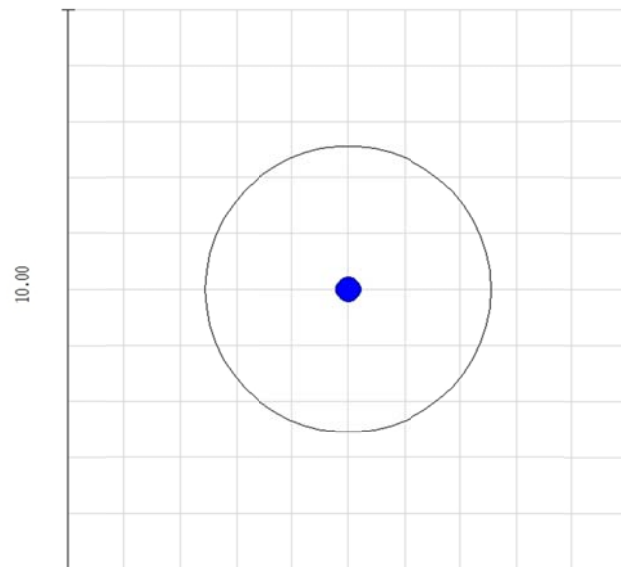
633 nm

RMS Radius = 0.090 μm



670 nm

RMS Radius = 0.077 μm



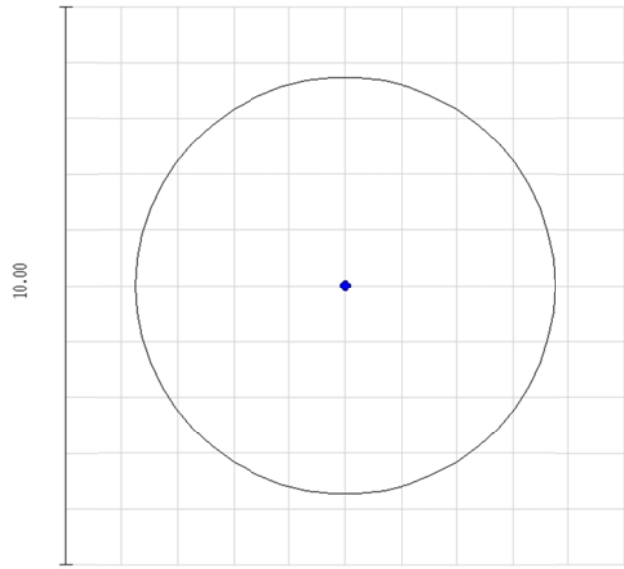
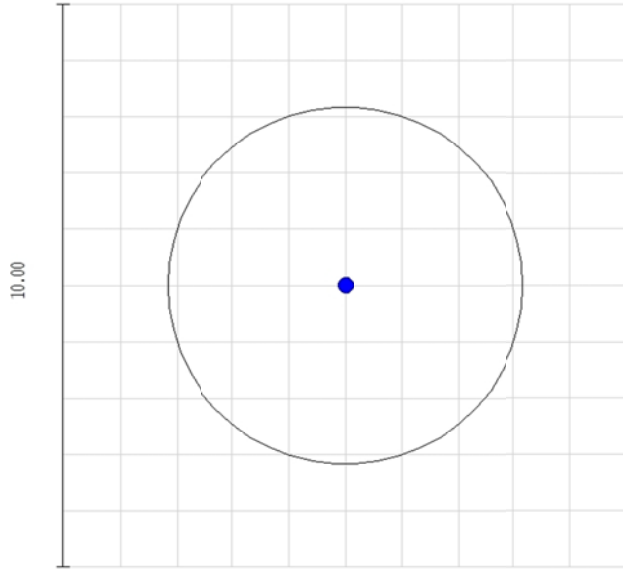
Spot Diagrams for B-Coated Lens:

830 nm

RMS Radius = 0.038 μm

980 nm

RMS Radius = 0.017 μm



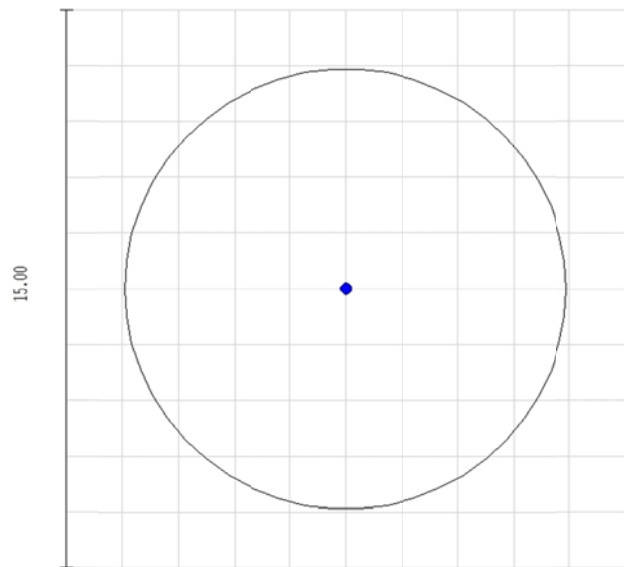
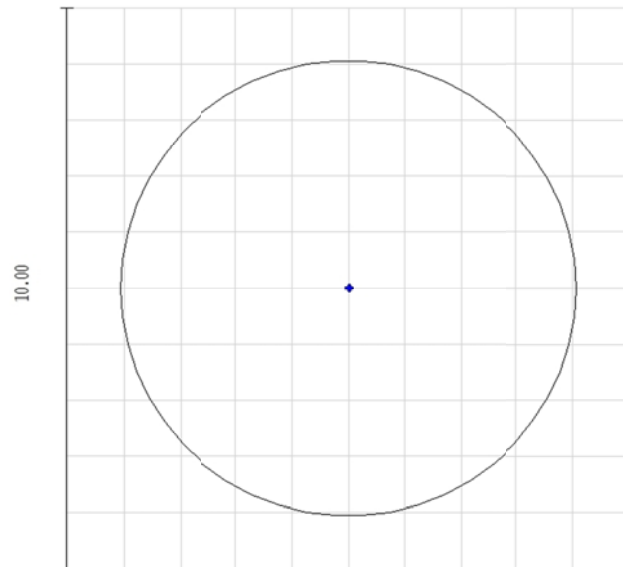
Spot Diagrams for C-Coated Lens:

1064 nm

RMS Radius = 0.014 μm

1550 nm

RMS Radius = 0.062 μm



Chromatic Focal Shift

Maximum Focal Shift Range: 516.15 μm (350-1620 nm)

Diffraction Limited Range: 30.58 μm

A260 Focal Length Shift

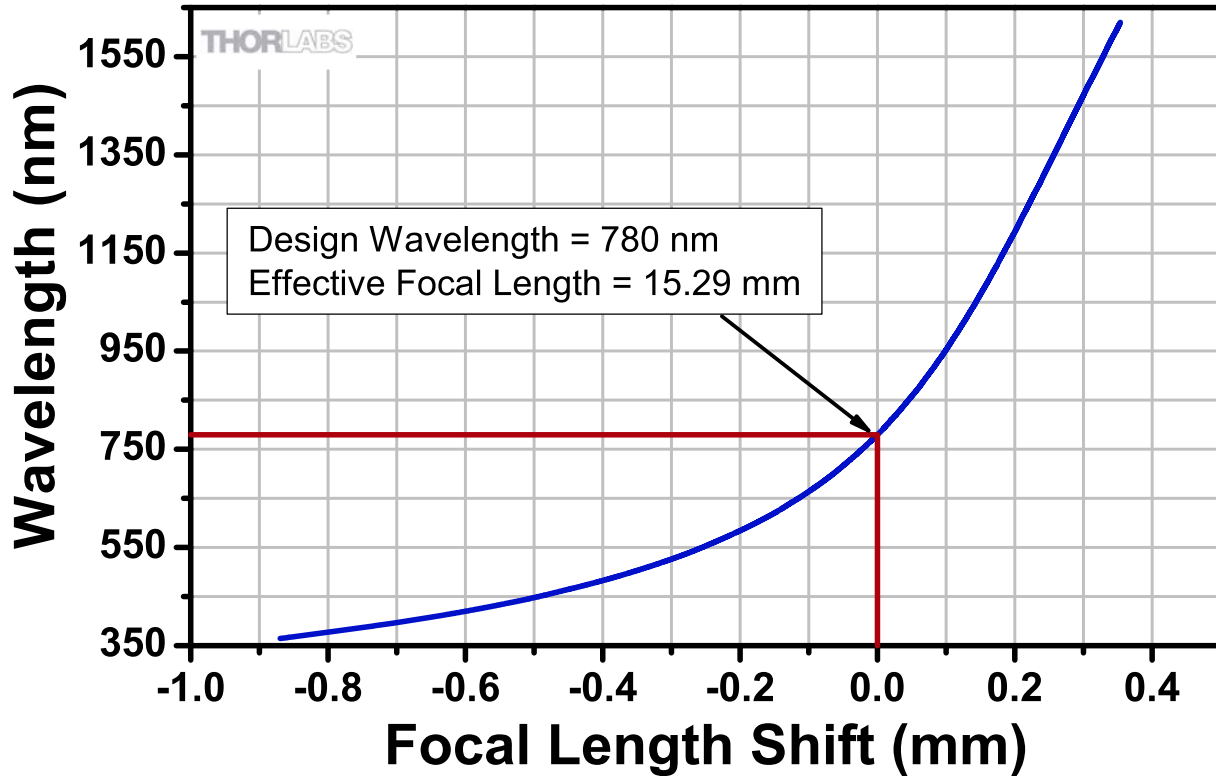


Table Showing Focal Length at Various Laser Line Wavelengths

Wavelength (nm)	Focal Length (mm)
405	14.64
633	15.15
670	15.19
780*	15.29
810	15.31
830	15.32
980	15.40
1064	15.44
1550	15.62

*Design Wavelength