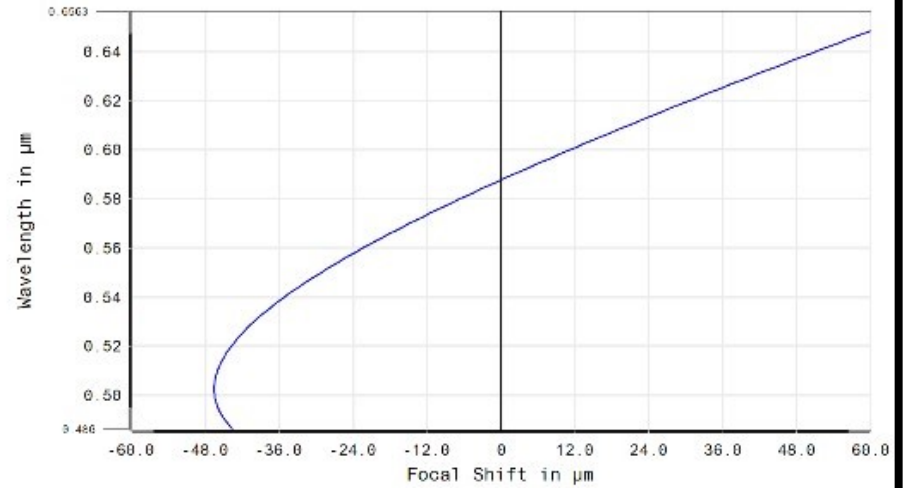


Surface: IMA

Spot Diagram

33210 Achromatic Lens
 Units are μm . Legend items refer to Wavelengths
 Field : 1
 RMS radius : 11.969
 GEO radius : 19.970
 Scale bar : 40 Reference : Chief Ray

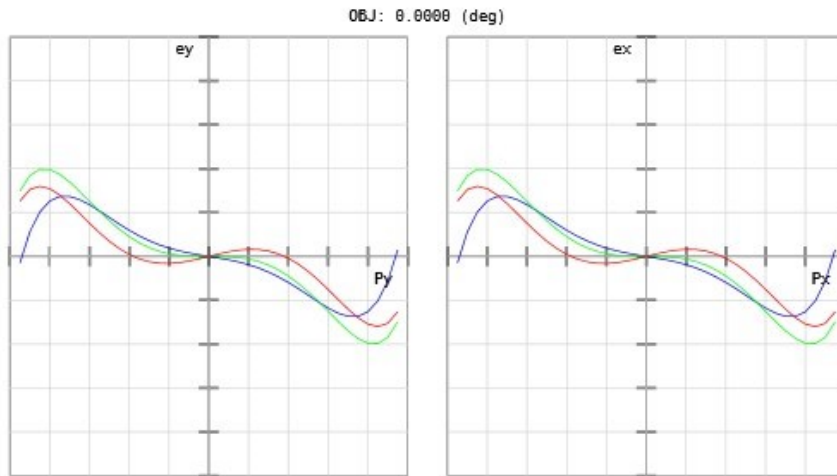
EDMUND OPTICS
[HTTP://WWW.EDMUNDOPTICS.COM](http://www.edmundoptics.com)
 zmax_33210.zmx
 Configuration 1 of 1



Chromatic Focal Shift

33210 Achromatic Lens
 Maximum Focal Shift Range: 115.1212 μm
 Diffraction Limited Range: 21.144 μm
 Pupil Zone: 0.0000

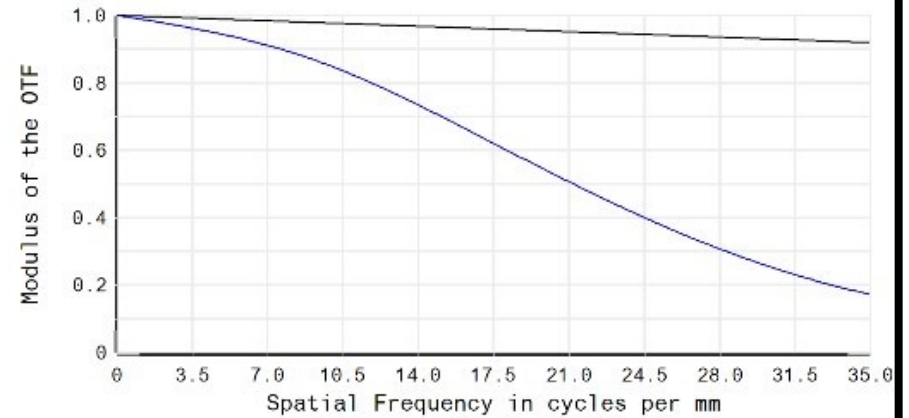
EDMUND OPTICS
[HTTP://WWW.EDMUNDOPTICS.COM](http://www.edmundoptics.com)
 zmax_33210.zmx
 Configuration 1 of 1



Transverse Ray Fan Plot

33210 Achromatic Lens
 Maximum Scale: $\pm 50.000 \mu\text{m}$.
 0.486 0.588 0.656
 Surface: Image

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 Configuration 1 of 1



Polychromatic Diffraction MTF

33210 Achromatic Lens
 Data for 0.4861 to 0.6563 μm .
 Surface: Image
 Legend items refer to Field positions

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 zmax_33210.zmx
 Configuration 1 of 1