

Surface: IMA

Spot Diagram

33209 Achromatic Lens

Units are  $\mu\text{m}$ . Legend items refer to Wavelengths  
 Field : 1  
 RMS radius : 39.593  
 GEO radius : 60.750  
 Scale bar : 200 Reference : Chief Ray

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 zmax\_33209.zmx  
 Configuration 1 of 1

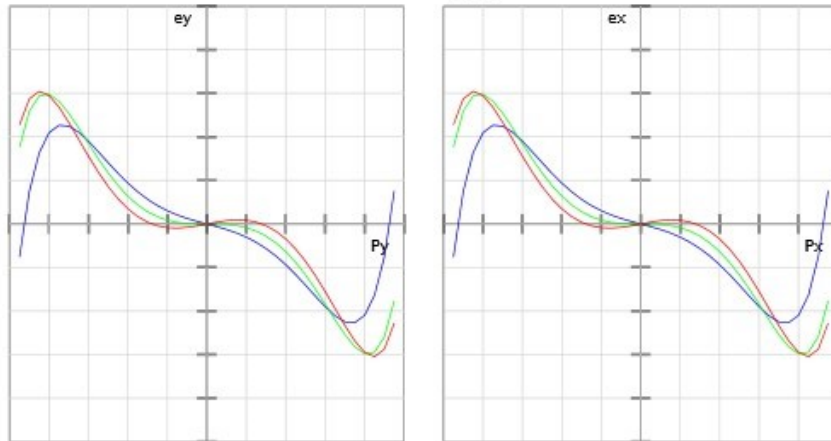
Chromatic Focal Shift

33209 Achromatic Lens

Maximum Focal Shift Range: 166.3521  $\mu\text{m}$   
 Diffraction Limited Range: 9.486  $\mu\text{m}$   
 Pupil Zone: 0.0000

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OBJ: 0.0000 (deg)



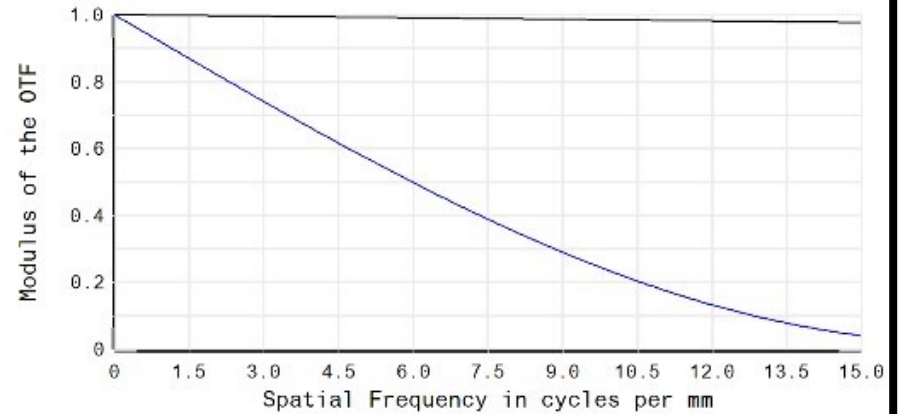
Transverse Ray Fan Plot

33209 Achromatic Lens

Maximum Scale:  $\pm 100.000 \mu\text{m}$ .  
 0.486 0.588 0.656

Surface: Image

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— Diff. Limit-Tangential    - - - Diff. Limit-Sagittal  
 ■ 0.0000 (deg)-Tangential    □ 0.0000 (deg)-Sagittal

Polychromatic Diffraction MTF

33209 Achromatic Lens

Data for 0.4861 to 0.6563  $\mu\text{m}$ .  
 Surface: Image

Legend items refer to Field positions

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