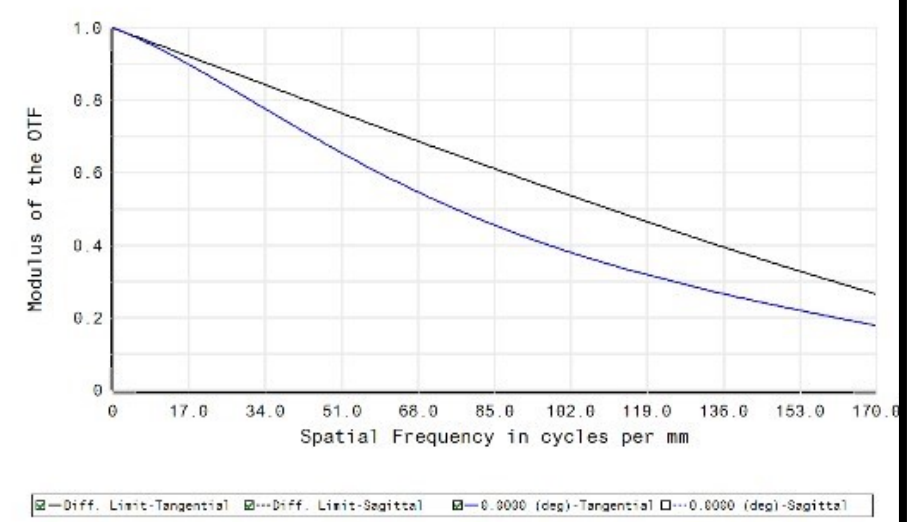
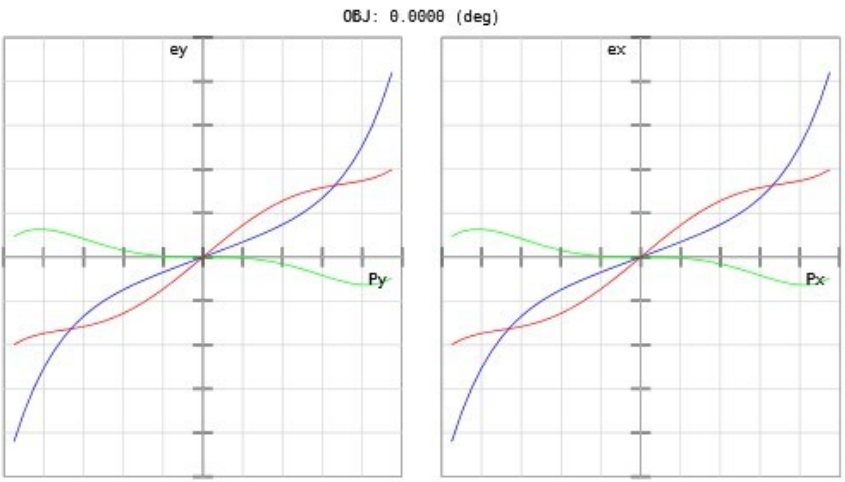


Spot Diagram	
33212 Achromatic Lens	
Units are μm . Legend items refer to Wavelengths	
Field :	1
RMS radius :	2.867
GEO radius :	5.645
Scale bar :	20
Reference :	Chief Ray
EDMUND OPTICS HTTP://WWW.EDMUNDOPTICS.COM	
zmax_33212.zmx Configuration 1 of 1	

Chromatic Focal Shift	
33212 Achromatic Lens	
Maximum Focal Shift Range: 114.0285 μm	
Diffraction Limited Range: 84.604 μm	
Pupil Zone: 0.0000	
EDMUND OPTICS HTTP://WWW.EDMUNDOPTICS.COM	
zmax_33212.zmx Configuration 1 of 1	



Transverse Ray Fan Plot	
33212 Achromatic Lens	
Maximum Scale: $\pm 10.000 \mu\text{m}$.	
0.486	0.588
0.656	
Surface: Image	
EDMUND OPTICS HTTP://WWW.EDMUNDOPTICS.COM	
zmax_33212.zmx Configuration 1 of 1	

Polychromatic Diffraction MTF	
33212 Achromatic Lens	
Data for 0.4861 to 0.6563 μm .	
Surface: Image	
Legend items refer to Field positions	
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zmax_33212.zmx Configuration 1 of 1	