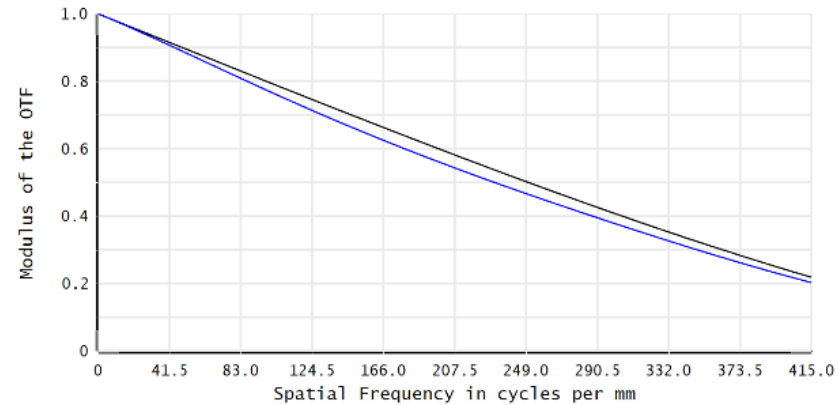
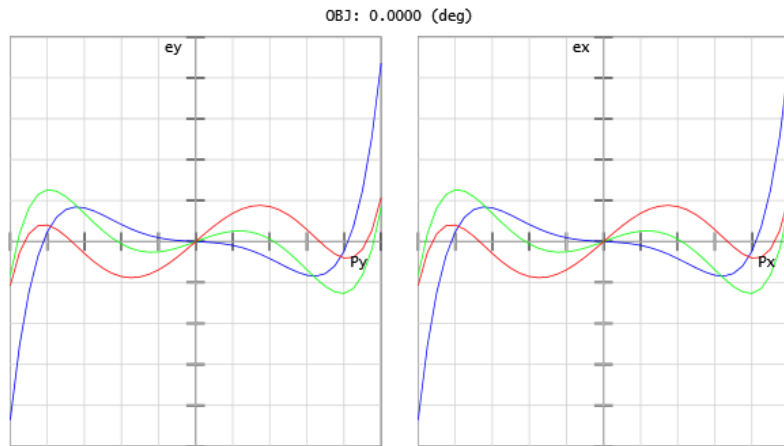


Surface: IMA

| Spot Diagram | | Edmund Optics HTTP://WWW.EDMUNDOPTICS.COM | |
|--------------------|--|--|----------------------|
| 49935 | Airy Radius: 1.993 μm. Legend items refer to Wavelengths | 49935 | 49935.ZMX |
| 4/24/2017 | Units are μm. | 4/24/2017 | Configuration 1 of 1 |
| Field : 1 | RMS radius : 1.510 | | |
| GEO radius : 4.358 | Scale bar : 10 | | |
| | Reference : Chief Ray | | |

| Chromatic Focal Shift | | Edmund Optics HTTP://WWW.EDMUNDOPTICS.COM | |
|-----------------------|---------------------------------------|--|----------------------|
| 49935 | Maximum Focal Shift Range: 23.2041 μm | 49935 | 49935.ZMX |
| 4/24/2017 | Diffraction Limited Range: 18.165 μm | 4/24/2017 | Configuration 1 of 1 |
| | Pupil Zone: 0.0000 | | |



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

| Transverse Ray Fan Plot | | Edmund Optics HTTP://WWW.EDMUNDOPTICS.COM | |
|-------------------------|----------------------------|--|----------------------|
| 49935 | Maximum Scale: ± 5.000 μm. | 49935 | 49935.ZMX |
| 4/24/2017 | 0.486 0.588 0.656 | 4/24/2017 | Configuration 1 of 1 |
| | Surface: Image | | |

| Polychromatic Diffraction MTF | | Edmund Optics HTTP://WWW.EDMUNDOPTICS.COM | |
|-------------------------------|---------------------------------------|--|----------------------|
| 49935 | Data for 0.4861 to 0.6563 μm. | 49935 | 49935.ZMX |
| 4/24/2017 | Surface: Image | 4/24/2017 | Configuration 1 of 1 |
| | Legend items refer to Field positions | | |