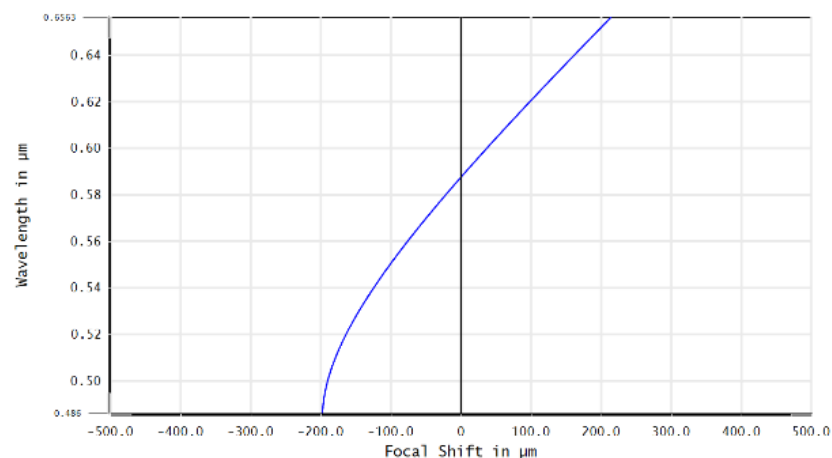
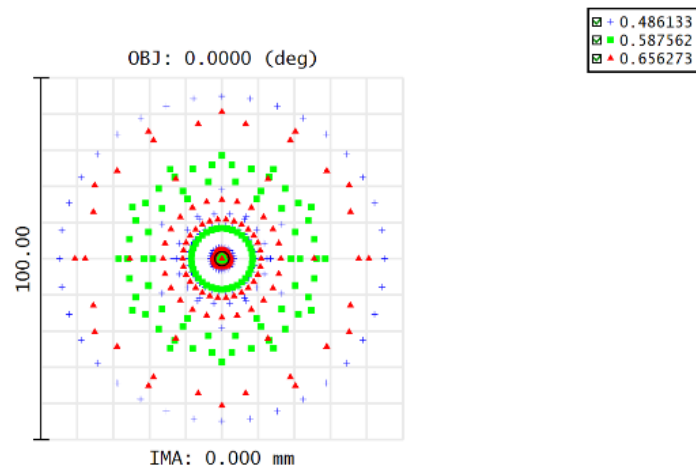
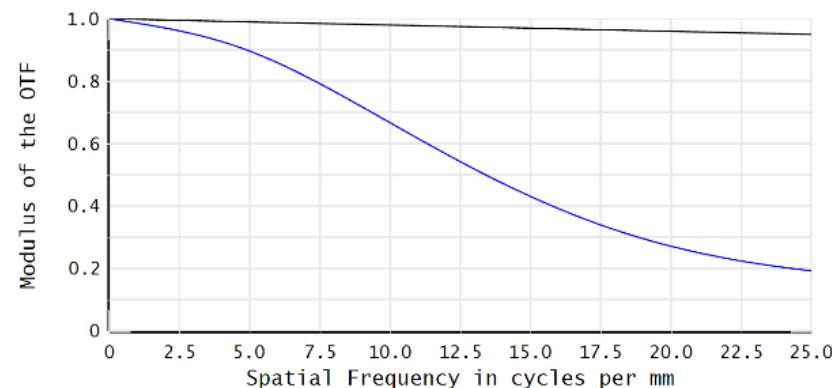
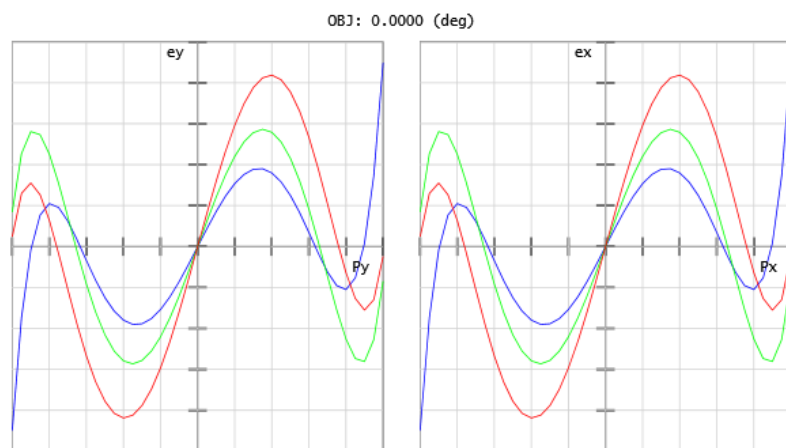




Surface: IMA

| Spot Diagram                                                                                                                  |                                                                                               |
|-------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| 88593<br>4/24/2017<br>Units are $\mu\text{m}$ .<br>Field : 1<br>RMS radius : 22.123<br>GEO radius : 44.903<br>Scale bar : 100 | Airy Radius: 1.954 $\mu\text{m}$ . Legend items refer to Wavelengths<br>Reference : Chief Ray |
| Edmund Optics<br>HTTP://WWW.EDMUNDOPTICS.COM                                                                                  |                                                                                               |
| 88593.ZMX<br>Configuration 1 of 1                                                                                             |                                                                                               |

| Chromatic Focal Shift                                                                                                                            |                                              |
|--------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|
| 88593<br>4/24/2017<br>Maximum Focal Shift Range: 411.7254 $\mu\text{m}$<br>Diffraction Limited Range: 17.463 $\mu\text{m}$<br>Pupil Zone: 0.0000 | Edmund Optics<br>HTTP://WWW.EDMUNDOPTICS.COM |
| 88593.ZMX<br>Configuration 1 of 1                                                                                                                |                                              |



Legend:

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

| Transverse Ray Fan Plot                                                                                |                                              |
|--------------------------------------------------------------------------------------------------------|----------------------------------------------|
| 88593<br>4/24/2017<br>Maximum Scale: $\pm 50.000 \mu\text{m}$ .<br>0.486 0.588 0.656<br>Surface: Image | Edmund Optics<br>HTTP://WWW.EDMUNDOPTICS.COM |
| 88593.ZMX<br>Configuration 1 of 1                                                                      |                                              |

| Polychromatic Diffraction MTF                                                                                              |                                              |
|----------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|
| 88593<br>4/24/2017<br>Data for 0.4861 to 0.6563 $\mu\text{m}$ .<br>Surface: Image<br>Legend items refer to Field positions | Edmund Optics<br>HTTP://WWW.EDMUNDOPTICS.COM |
| 88593.ZMX<br>Configuration 1 of 1                                                                                          |                                              |