

SURFACE: IMA  
 IMA: 0.000 MM  
**SPOT DIAGRAM**

49313  
 TUE DEC 16 2008 UNITS ARE  $\mu\text{m}$ .  
 FIELD :  
 RMS RADIUS : 26.341  
 SED RADIUS : 64.227  
 SCALE BAR : 200

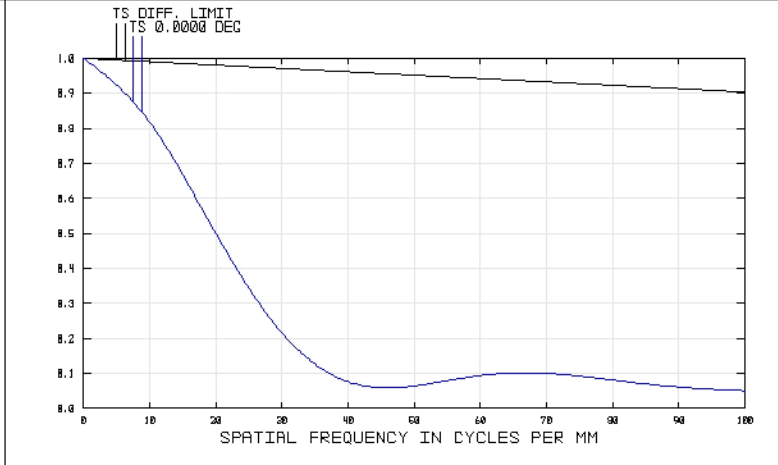
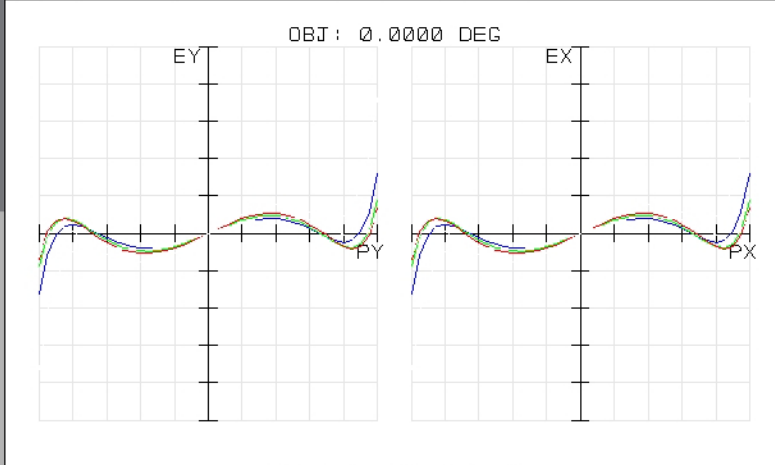
REFERENCE : CHIEF RAY

**EDMUND OPTICS**  
[HTTP://WWW.EDMUNDOPTICS.COM](http://www.edmundoptics.com)

49313  
 TUE DEC 16 2008  
 MAXIMUM FOCAL SHIFT RANGE: 132.7856  $\mu\text{m}$   
 DIFFRACTION LIMITED RANGE: 4.065  $\mu\text{m}$   
 PUPIL ZONE: 0.0000

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**CHROMATIC FOCAL SHIFT**



**TRANSVERSE RAY FAN PLOT**

49313  
 TUE DEC 16 2008  
 MAXIMUM SCALE:  $\pm 200.000 \mu\text{m}$ .  
 0.486 0.588 0.656

SURFACE: IMAGE

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49313  
 TUE DEC 16 2008  
 DATA FOR 0.4000 TO 1.0000  $\mu\text{m}$ .  
 SURFACE: IMAGE

**EDMUND OPTICS**  
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**POLYCHROMATIC DIFFRACTION MTF**