Grampus 线扫描镜头

OPT-VGP116/4.8-0.75X   **β′ =0.65X-0.85X**   **F4.8**   **IMA = 82mm**   **EFFL=116mm**

● Modulation Transfer Function(MTF)

● F4.8 ,β′ =0.65X，W.D.=254mm

● F5.6, β′ =0.65X，W.D.=254mm

● F8.0, β′ =0.65X，W.D.=254mm

☑ S1 Sagittal : 33lp/mm		☑ T1 Meridional: 33lp/mm	
☑ S2 Sagittal : 66lp/mm		☑ T2 Meridional: 66lp/mm	
☑ S3 Sagittal : 100lp/mm		☑ T3 Meridional: 100lp/mm	

- **Entrance Pupil Position（入瞳位置）: -188.76mm**
- **Exit Pupil Position（出瞳位置）: -189.21mm**
- **1st Principal Point（第一主点）: -158.365mm**
- **2nd Principal Point（第二主点）: -191.32mm**
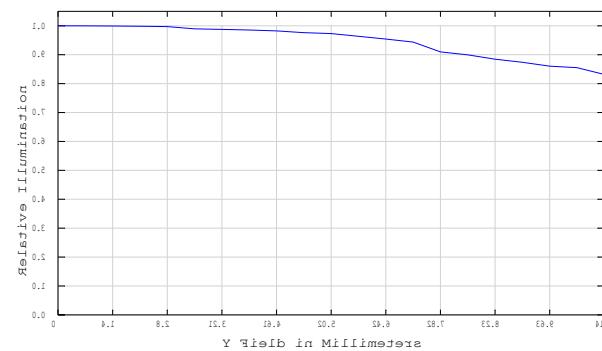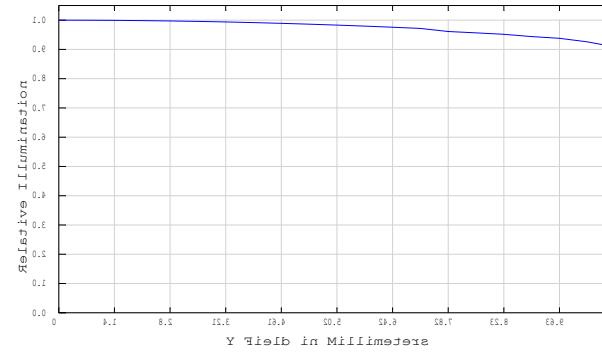
（✕:Measured with respect to Image Plane, W.D.= 254mm)

● Vignetting
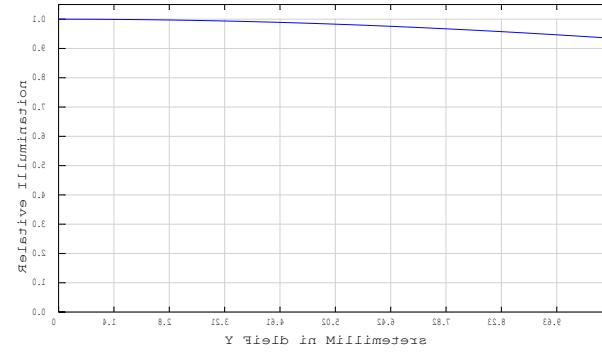
● F4.8 ,β′ =0.65X，W.D.=254mm
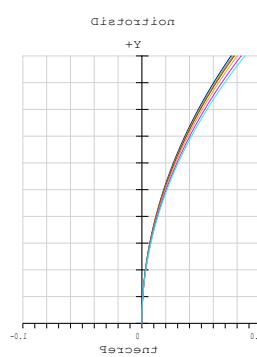
● F5.6, β′ =0.65X，W.D.=254mm

● F8.0, β′ =0.65X，W.D.=254mm

● Distortion
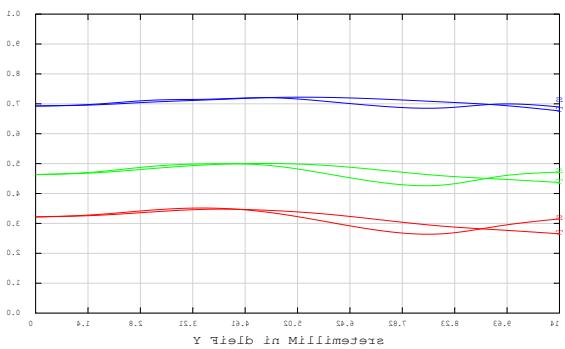
F8.0, β′ =0.65X, W.D.=254mm

Grampus 线扫描镜头
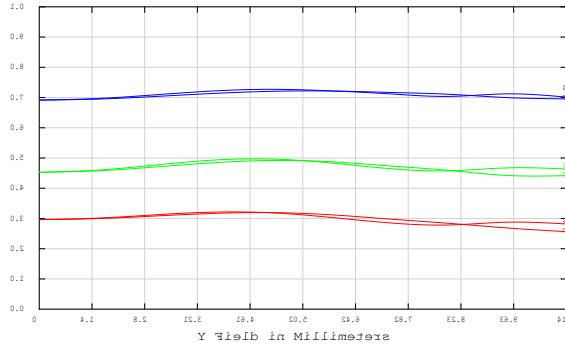
**OPT-VGP116/4.8-0.75X**　β′=0.65X-0.85X　F4.8　IMA = 82mm　EFFL=116mm

● Modulation Transfer Function(MTF)
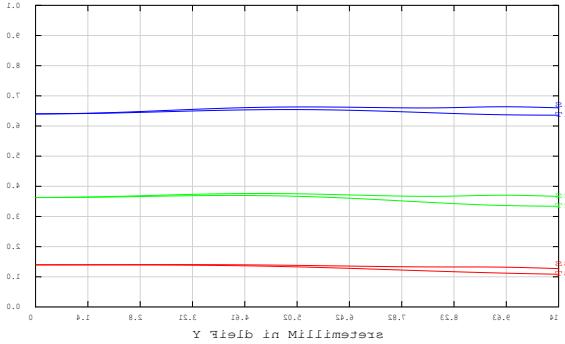
● F4.8 , β′=0.75X，W.D.=230.2mm

● F5.6 , β′=0.75X，W.D.=230.2mm
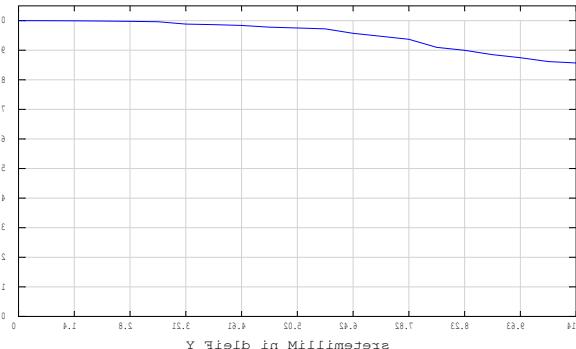
● F8.0 , β′=0.75X，W.D.=230.2mm

☑ S1 ——— Sagittal : 33lp/mm 　 ☑ T1 - - - Meridional: 33lp/mm

☑ S2 ——— Sagittal : 66lp/mm 　 ☑ T2 - - - Meridional: 66lp/mm

☑ S3 ——— Sagittal : 100lp/mm 　 ☑ T3 - - - Meridional: 100lp/mm

● **Entrance Pupil Position（入瞳位置）: -200.35mm**

● **Exit Pupil Position（出瞳位置）: -200.80mm**

● **1st Principal Point（第一主点）: -169.01mm**

● **2nd Principal Point（第二主点）: -202.91mm**

（✻:Measured with respect to Image Plane, W.D.= 230.2mm)
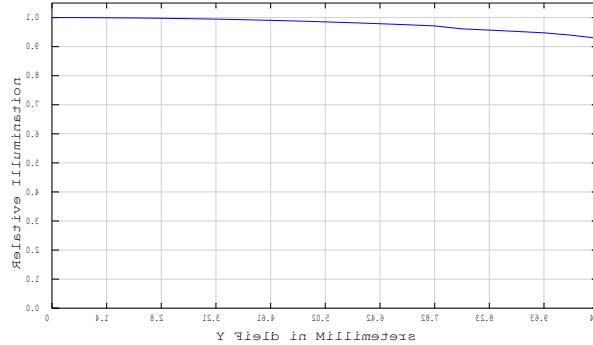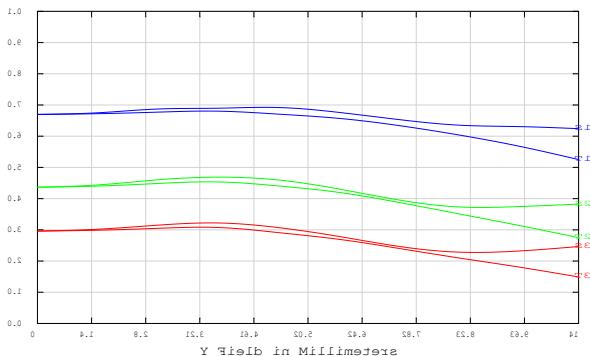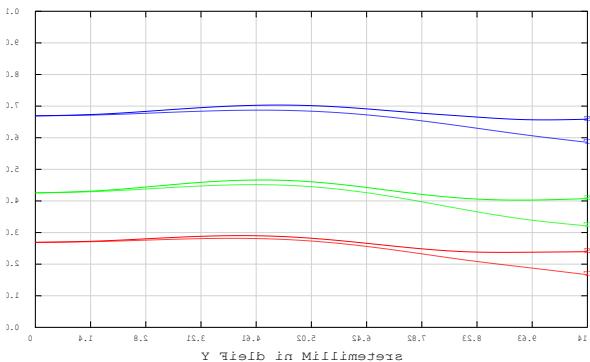
● Vignetting

● F4.8 , β′=0.75X，W.D.=230.2mm

● F5.6 , β′=0.75X，W.D.=230.2mm

● F8.0 , β′=0.75X，W.D.=230.2mm

● Distortion

F8.0 , β′=0.75X，W.D.=230.2mm

Grampus 线扫描镜头

**OPT-VGP116/4.8-0.75X   β′=0.65X-0.85X   F4.8   IMA = 82mm   EFFL=116mm**

● **Modulation Transfer Function(MTF)**
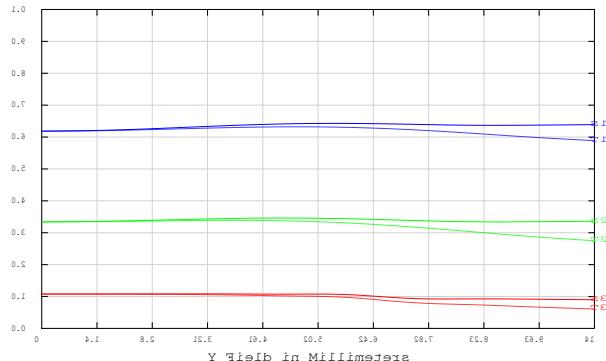
● F4.8 , β′=0.85X, W.D.=212mm

● F5.6 , β′=0.85X, W.D.=212mm
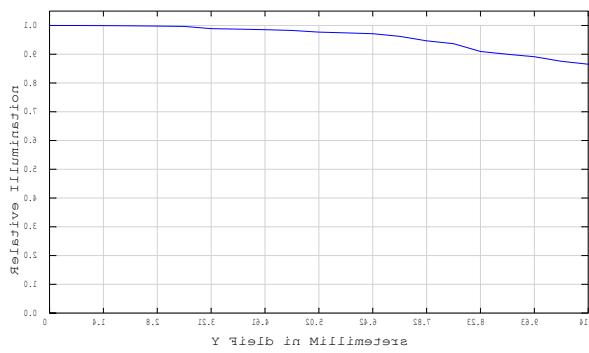
● F8.0 , β′=0.85X, W.D.=212mm

☑ S1 ——— Sagittal : 33lp/mm   ☑ T1 ---- Meridional: 33lp/mm

☑ S2 ——— Sagittal : 66lp/mm   ☑ T2 ---- Meridional: 66lp/mm
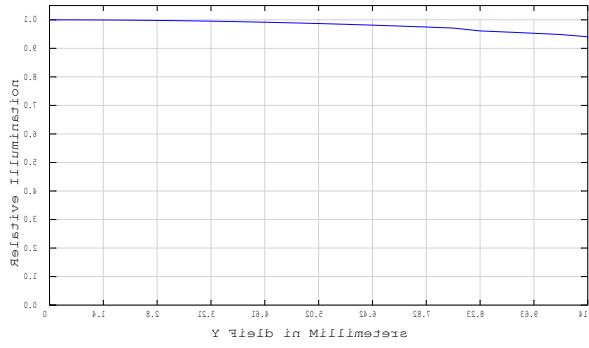
☑ S3 ——— Sagittal : 100lp/mm   ☑ T3 ---- Meridional: 100lp/mm

● **Vignetting**
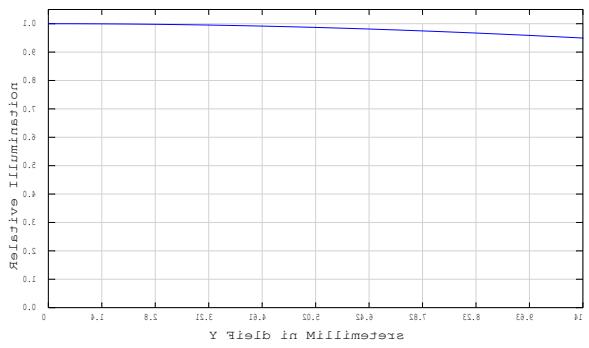
● F4.8 , β′=0.85X, W.D.=212mm
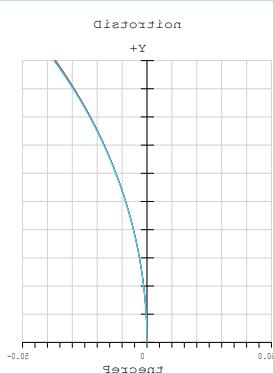
● F5.6 , β′=0.85X, W.D.=212mm

● F8.0 , β′=0.85X, W.D.=212mm

● **Distortion**

F8.0 , β′=0.85X, W.D.=212mm

● **Entrance Pupil Position（入瞳位置）: -211.94mm**

● **Exit Pupil Position（出瞳位置）: -212.39mm**

● **1st Principal Point（第一主点）: -180.62mm**

● **2nd Principal Point（第二主点）: -214.50mm**

（✕:Measured with respect to Image Plane, W.D.= 212mm)