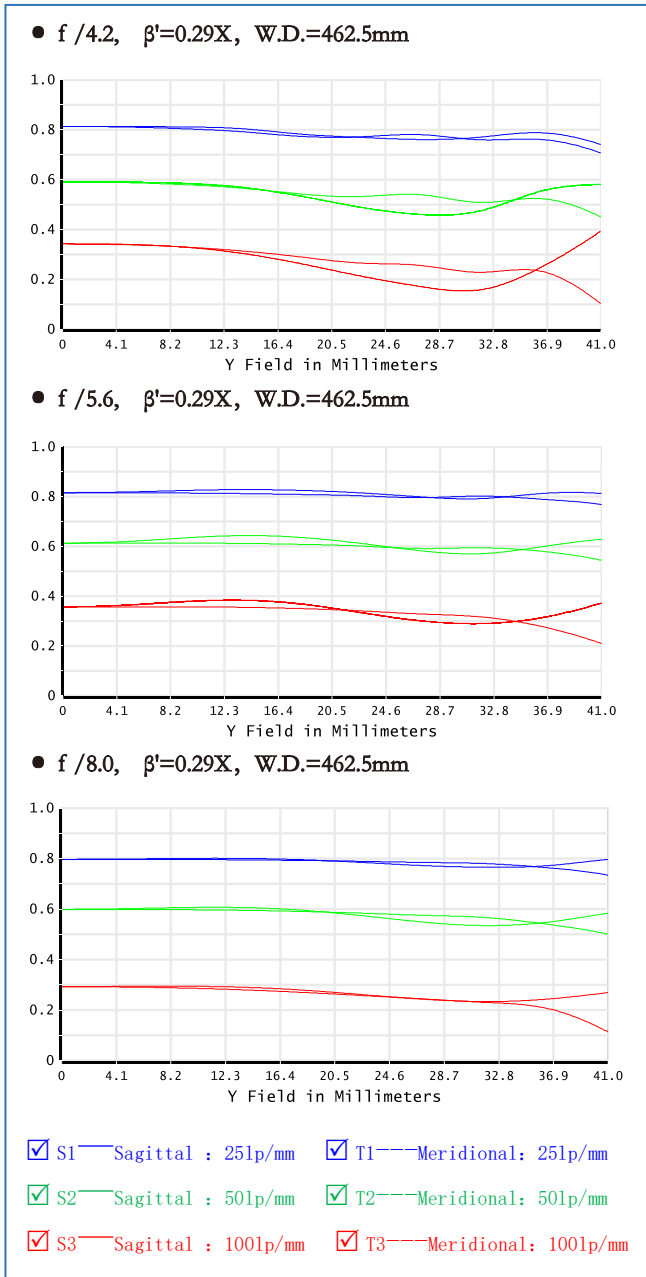


Grampus 线扫描镜头

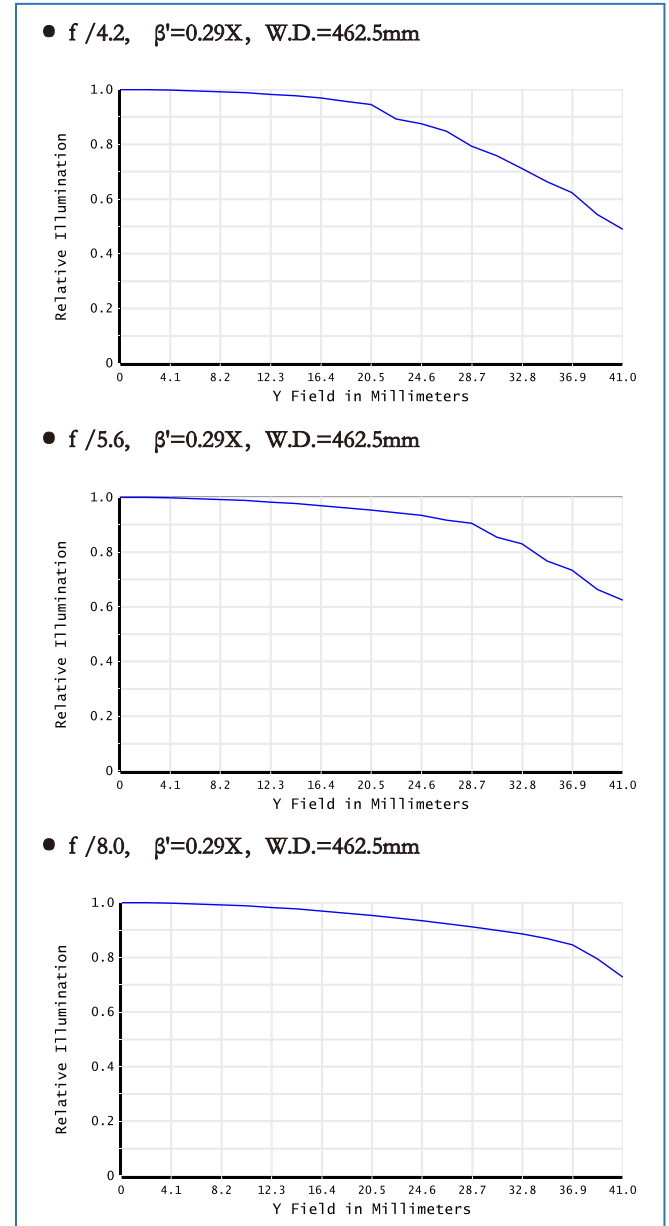


#OPT-VGP116/4.2-0.33X $\beta' = 0.29X-0.38X$ F4.2 IMA = $\Phi 82mm$ EFL=116mm

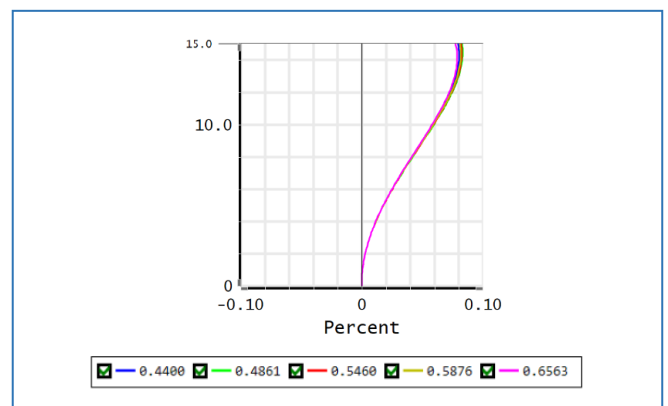
● Modulation Transfer Function (MTF)



● Vignetting



● Distortion $\beta' = 0.29X$ WD=462.5mm



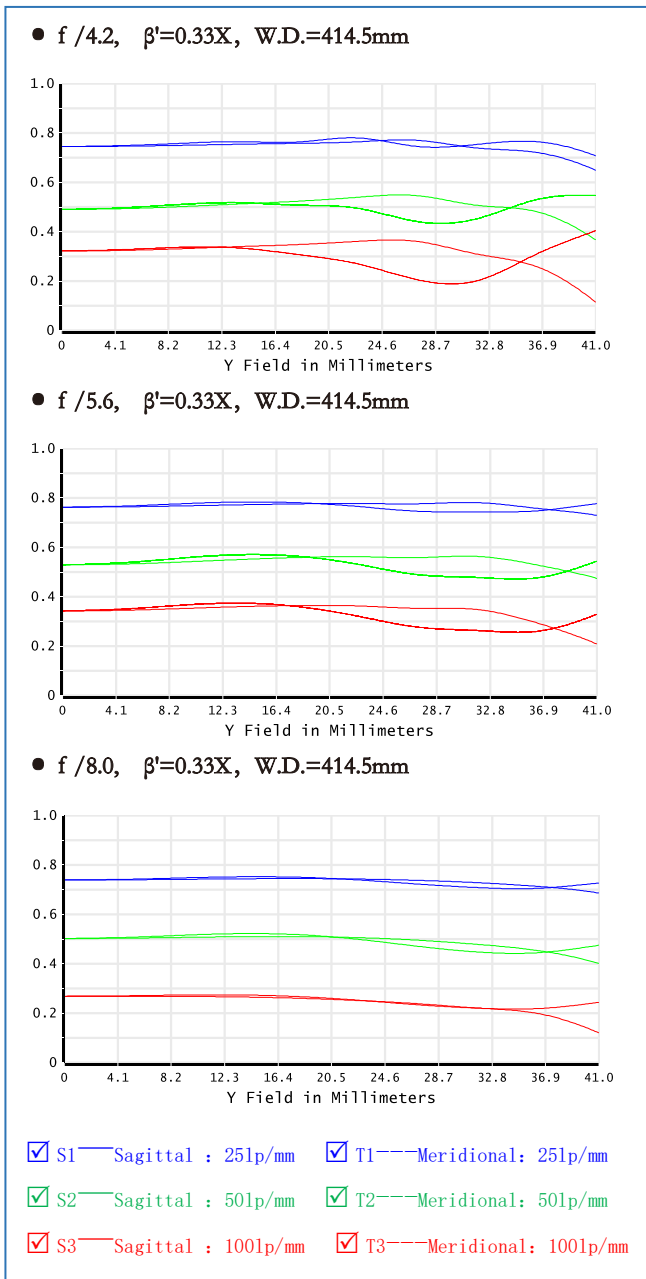
- Entrance Pupil Position (入瞳位置): -108.38mm
 - Exit Pupil Position (出瞳位置) : -136.56mm
 - 1st Principal Point (第一主点) : -99.65mm
 - 2nd Principal Point (第二主点) : -149.62mm
- (*: Measured with respect to Image Plane, W.D. = 462.5mm)

Grampus 线扫描镜头

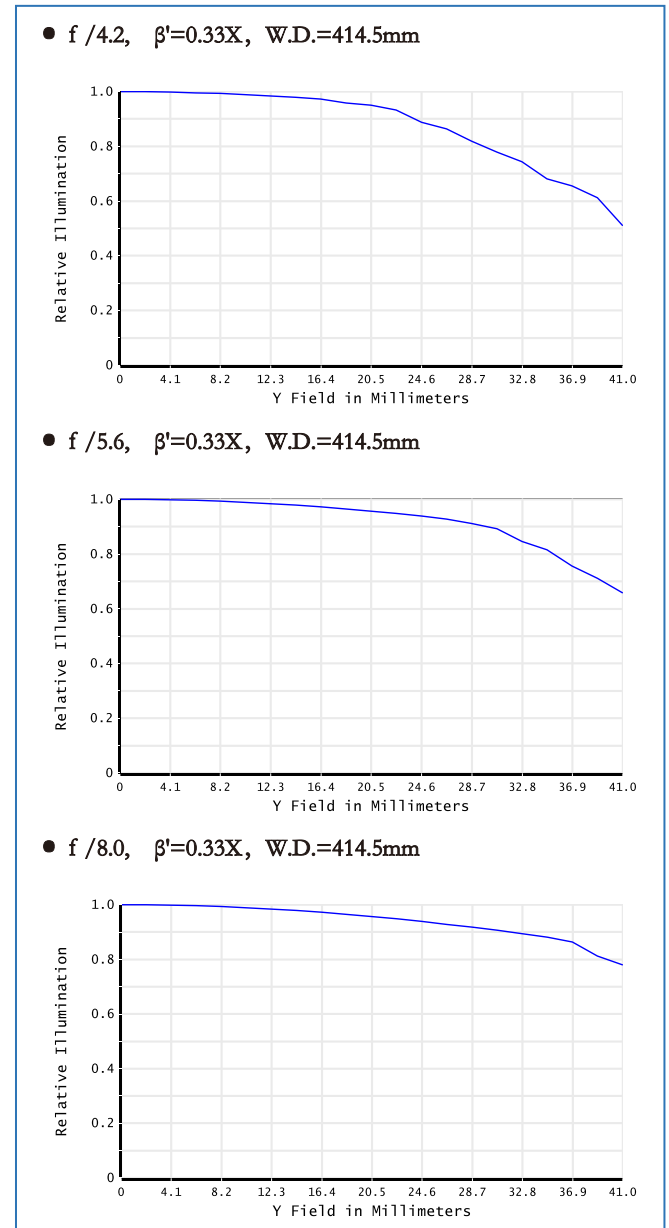


#OPT-VGP116/4.2-0.33X $\beta' = 0.29X-0.38X$ F4.2 IMA = $\Phi 82mm$ EFL=116mm

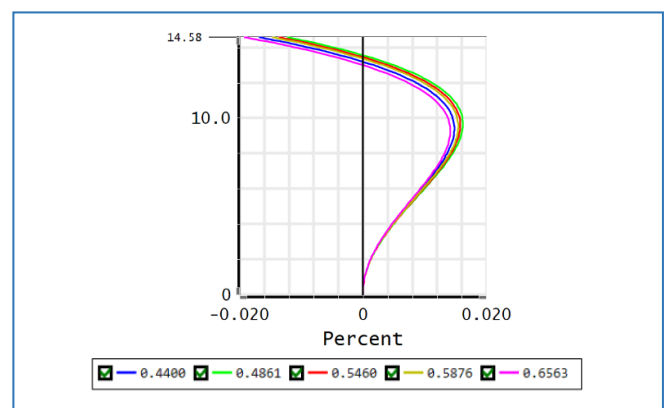
● Modulation Transfer Function (MTF)



● Vignetting



● Distortion $\beta' = 0.33X$ WD=414.5mm



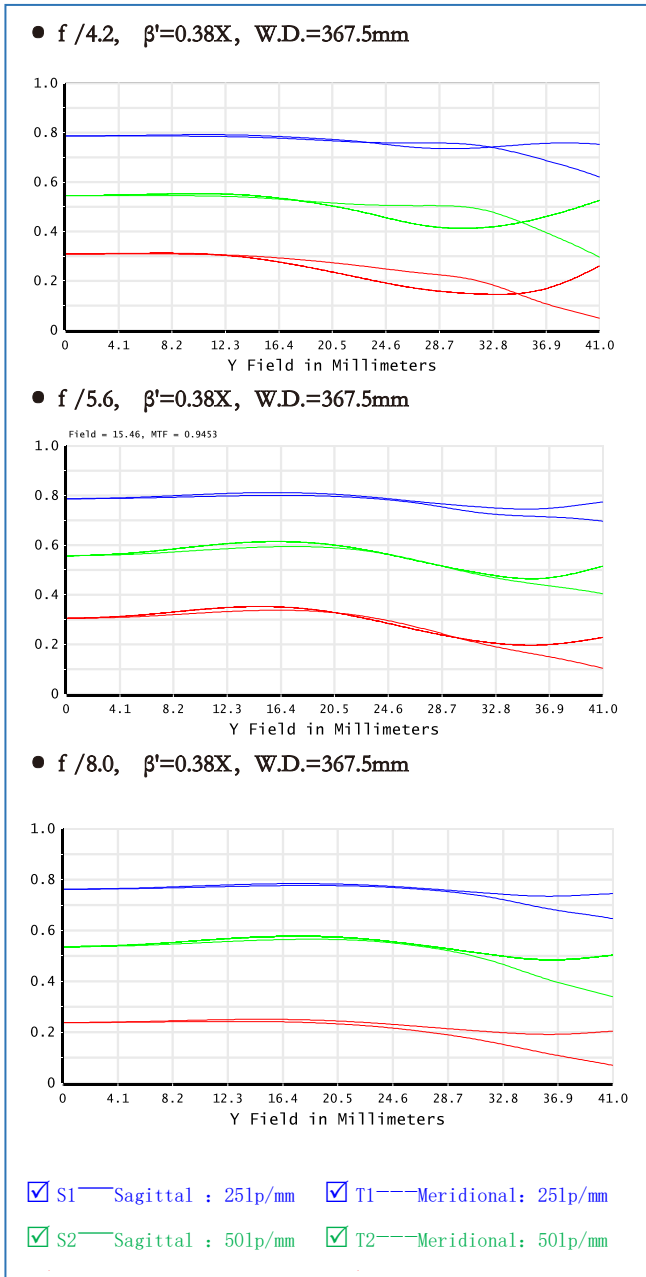
- Entrance Pupil Position (入瞳位置): -112.91mm
 - Exit Pupil Position (出瞳位置) : -141.09 mm
 - 1st Principal Point (第一主点) : -104.18mm
 - 2nd Principal Point (第二主点) : -154.15 mm
- (*: Measured with respect to Image Plane, W.D. = 414.5mm)

Grampus 线扫描镜头

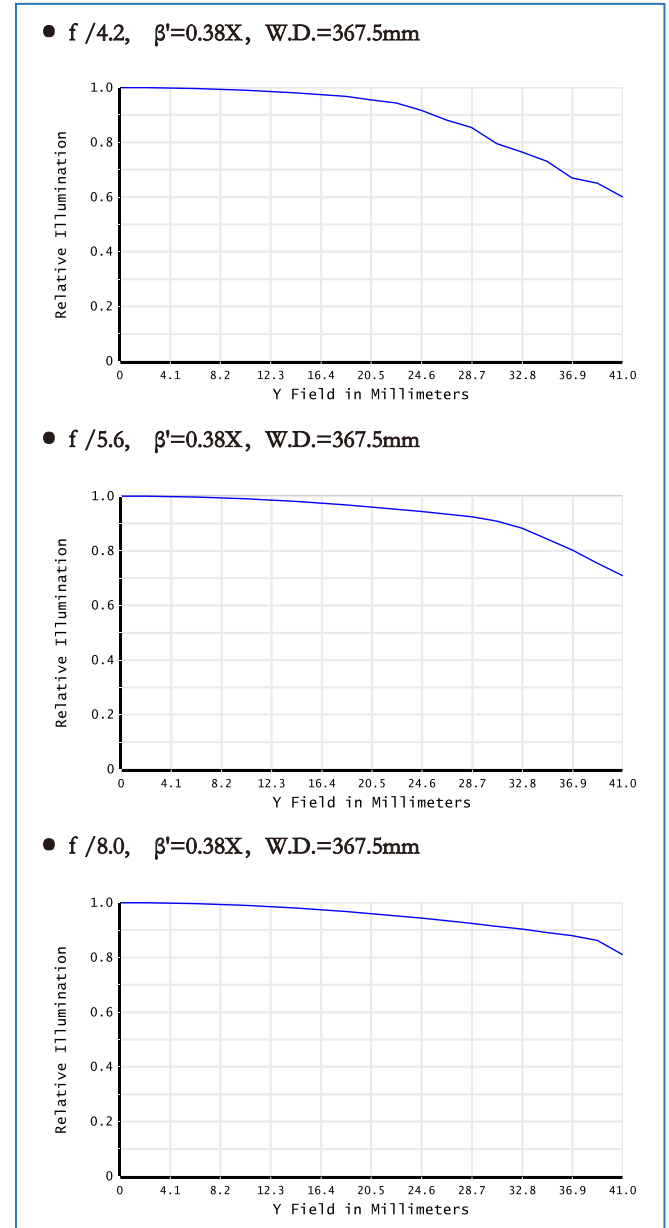


#OPT-VGP116/4.2-0.33X $\beta' = 0.29X-0.38X$ F4.2 IMA = $\Phi 82mm$ EFFL=116mm

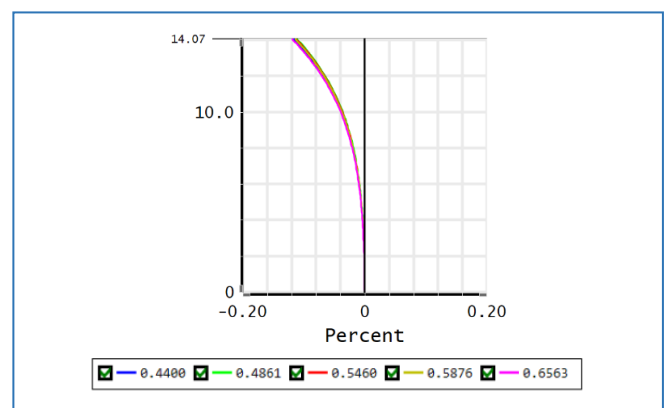
● Modulation Transfer Function (MTF)



● Vignetting



● Distortion $\beta' = 0.38X$ WD=367.5mm



- Entrance Pupil Position (入瞳位置): -118.82mm
 - Exit Pupil Position (出瞳位置) : -147.00 mm
 - 1st Principal Point (第一主点) : -110.09mm
 - 2nd Principal Point (第二主点) : -160.06mm
- (*: Measured with respect to Image Plane, W.D. = 367.5mm)