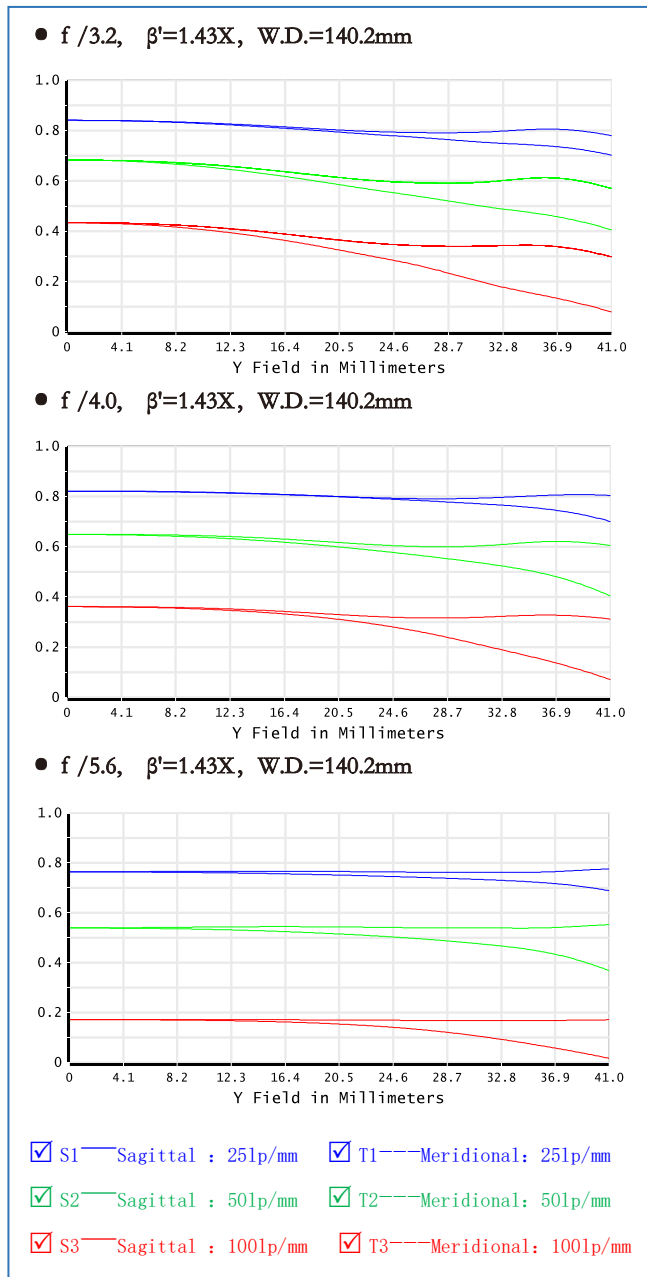


Grampus 线扫描镜头

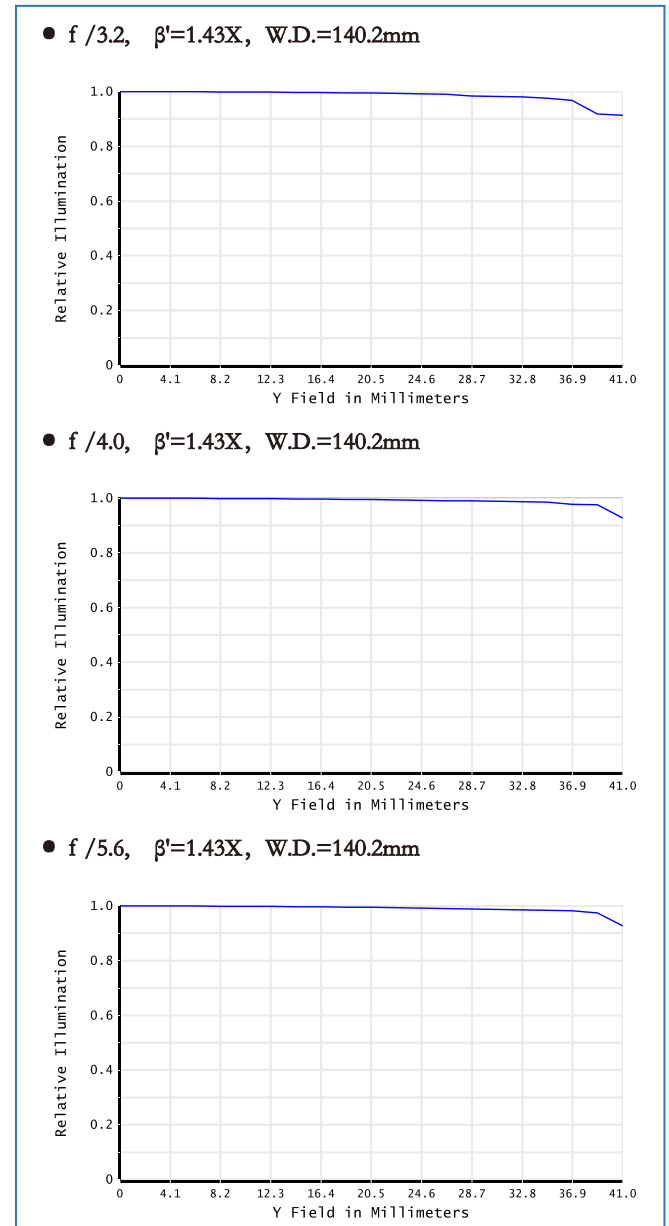


#OPT-VGP116/3.2-1.5X $\beta' = 1.43X-1.56X$ F3.2 IMA = $\Phi 82mm$ EFFL=116mm

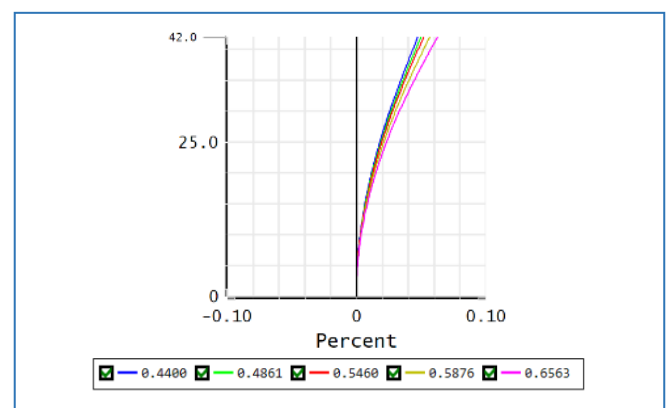
● Modulation Transfer Function (MTF)



● Vignetting



● Distortion $\beta' = 1.43X$ WD=140.2mm



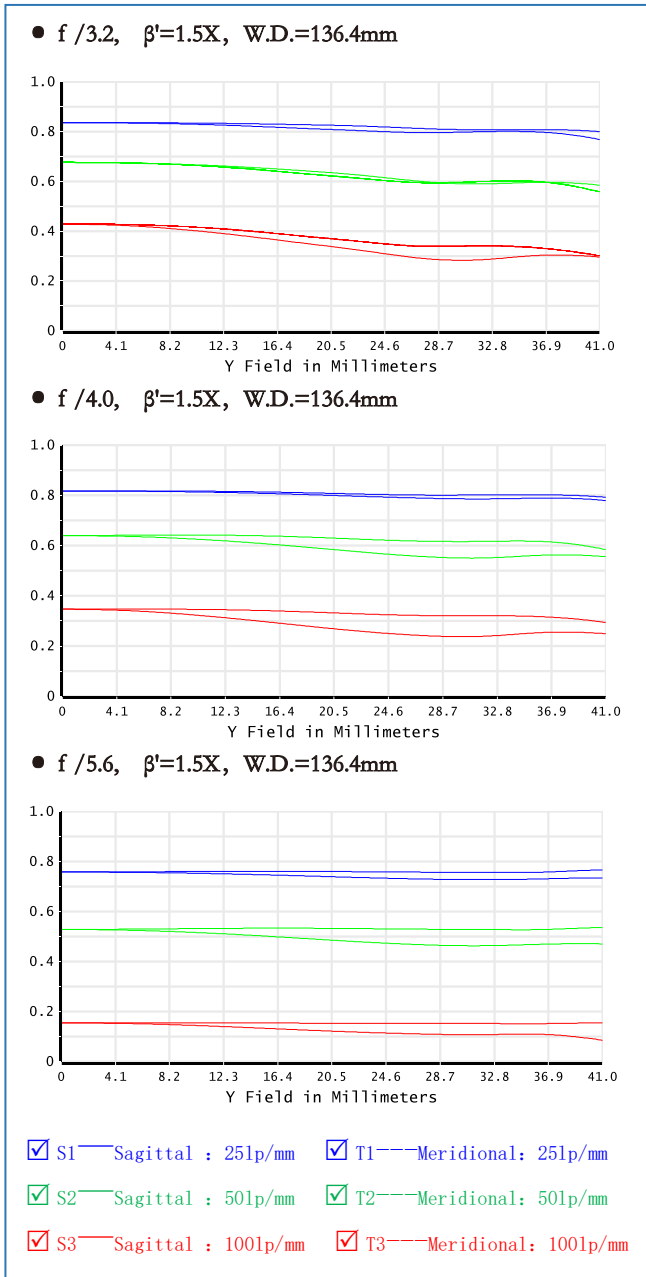
- Entrance Pupil Position (入瞳位置): -253.43mm
 - Exit Pupil Position (出瞳位置) : -285.62mm
 - 1st Principal Point (第一主点) : -221.54mm
 - 2nd Principal Point (第二主点) : -281.75mm
- (*: Measured with respect to Image Plane, W. D. = 140.2mm)

Grampus 线扫描镜头

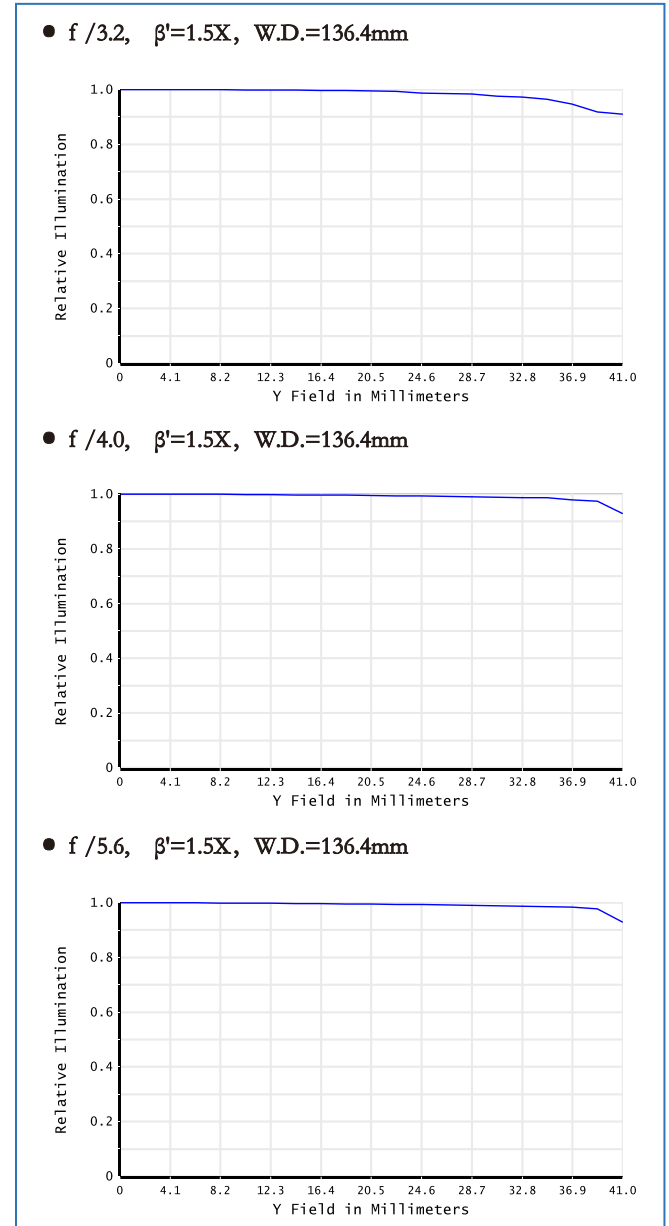


#OPT-VGP116/3.2-1.5X $\beta' = 1.43X-1.56X$ F3.2 IMA = $\Phi 82mm$ EFFL=116mm

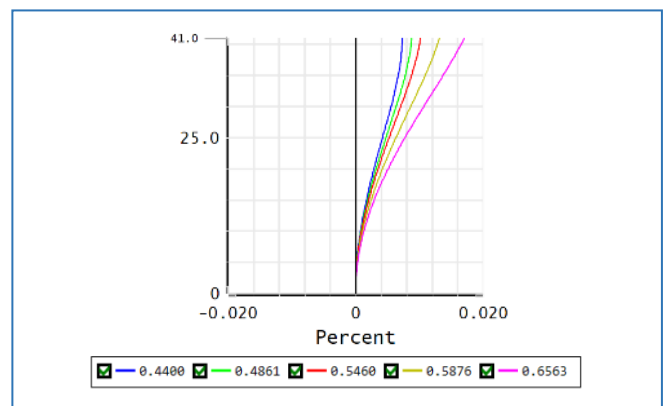
● Modulation Transfer Function (MTF)



● Vignetting



● Distortion $\beta' = 1.5X$ WD=136.4mm



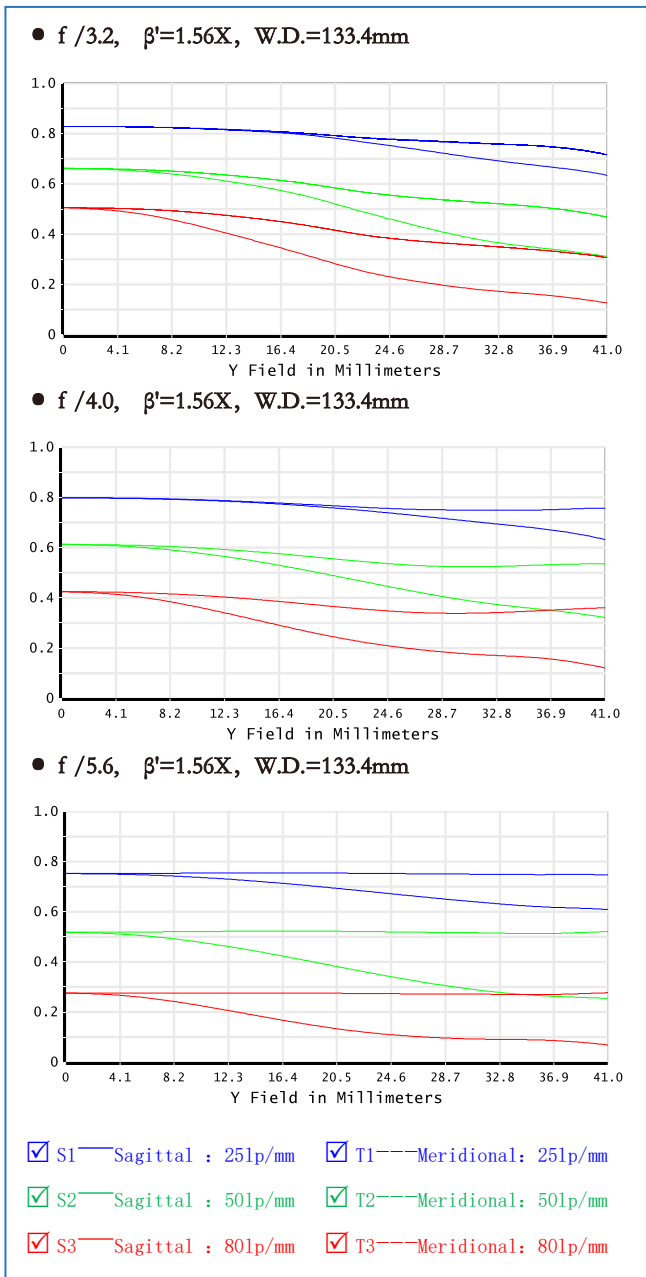
- Entrance Pupil Position (入瞳位置): -261.57mm
 - Exit Pupil Position (出瞳位置) : -293.75mm
 - 1st Principal Point (第一主点) : -229.68mm
 - 2nd Principal Point (第二主点) : -289.89mm
- (*: Measured with respect to Image Plane, W. D. = 136.4mm)

Grampus 线扫描镜头

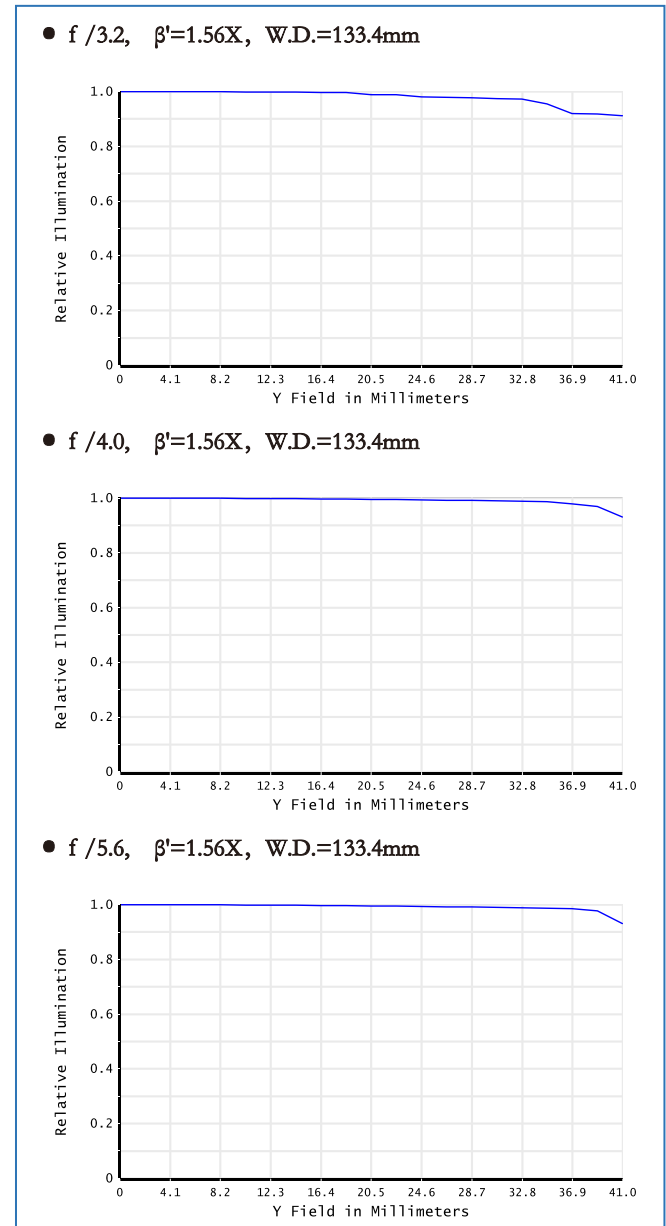


#OPT-VGP116/3.2-1.5X $\beta' = 1.43X-1.56X$ F3.2 IMA = $\Phi 82mm$ EFFL=116mm

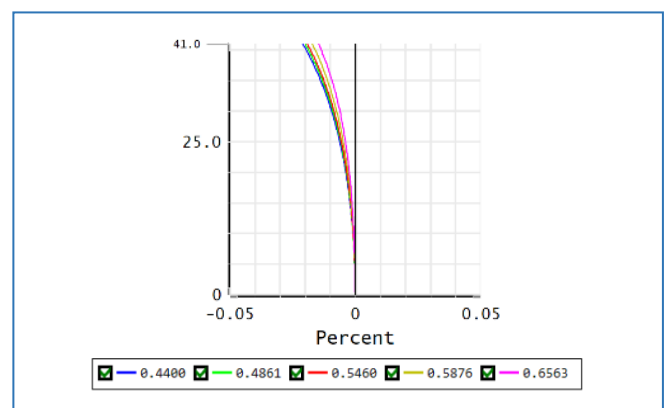
● Modulation Transfer Function (MTF)



● Vignetting



● Distortion $\beta' = 1.56X$ WD=133.4mm



- Entrance Pupil Position (入瞳位置): -268.58mm
 - Exit Pupil Position (出瞳位置) : -300.76mm
 - 1st Principal Point (第一主点) : -236.69mm
 - 2nd Principal Point (第二主点) : -296.90mm
- (*: Measured with respect to Image Plane, W. D. = 133.4mm)