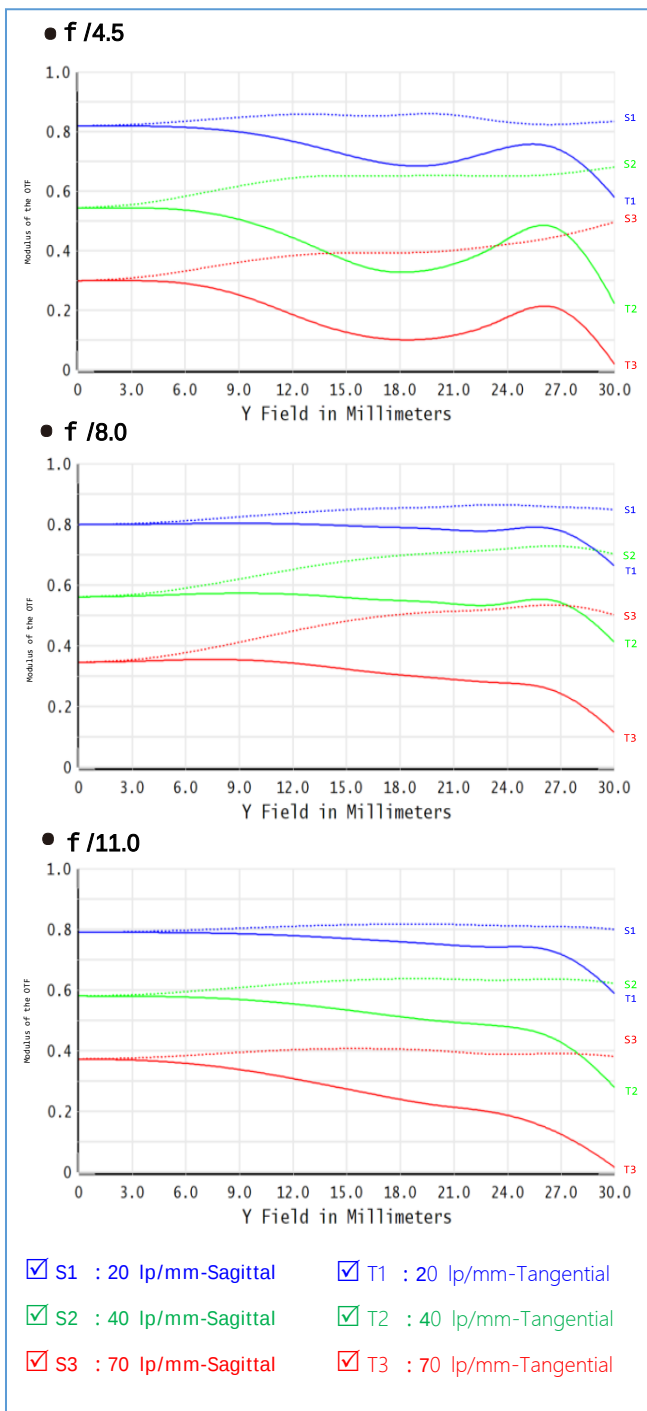


Coloretto Series Line Scan Lenses

#OPT-MCT40/4.5-0.08X $\beta' = 0.01X \sim 0.26X$ F4.5 IMA= 60 mm EFFL= 41.6 mm

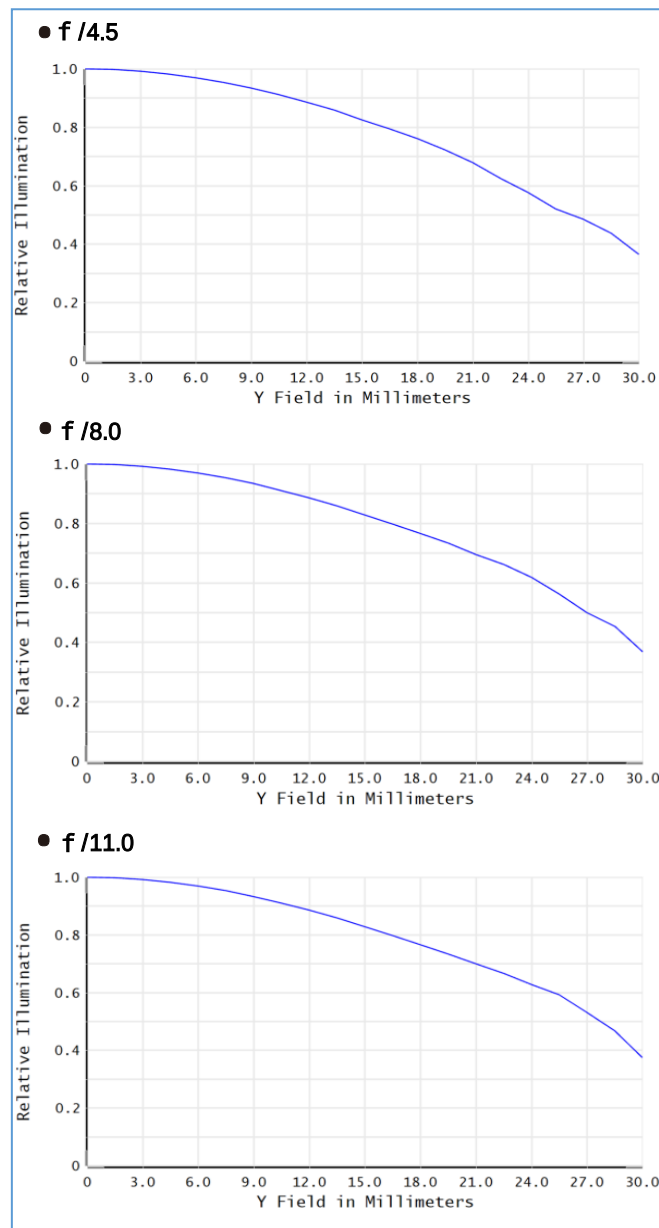
● Modulation Transfer Function(MTF)

$\beta' = 0.01X$, W.D.= 4000 mm

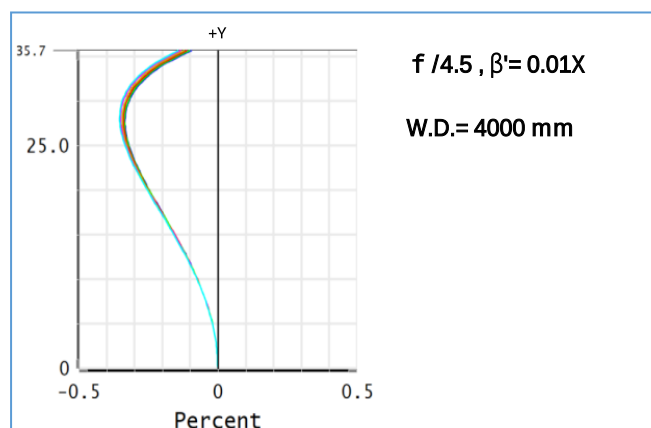


● Vignetting

$\beta' = 0.01X$, W.D.= 4000 mm



● Distortion



● Entrance Pupil Position (入瞳位置) : -65.98 mm

● Exit Pupil Position (出瞳位置) : -42.52 mm

● 1st Principal Point (第一主点) : -65.20 mm

● 2nd Principal Point (第二主点) : -41.73 mm

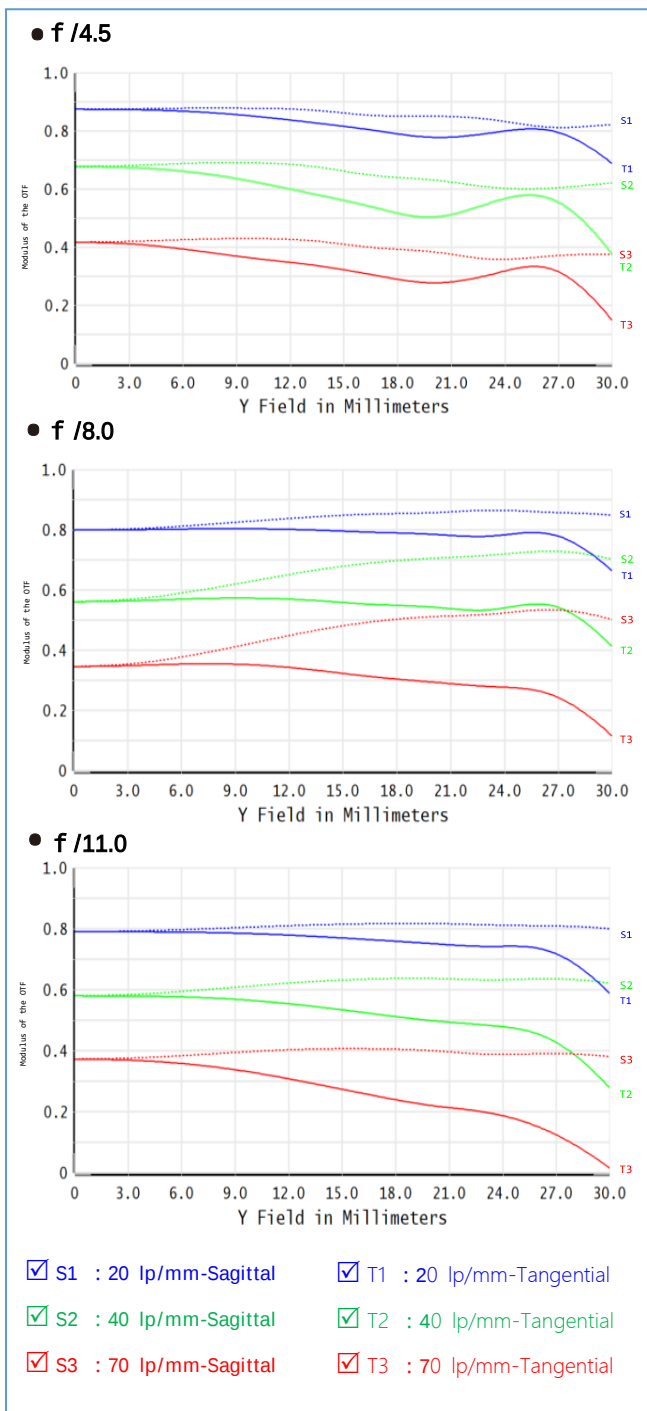
(*:Measured with respect to Image Plane, W.D.= 4000 mm)

Coloretto Series Line Scan Lenses

#OPT-MCT40/4.5-0.10X $\beta' = 0.01X \sim 0.26X$ F4.5 IMA= 60 mm EFFL= 41.6 mm

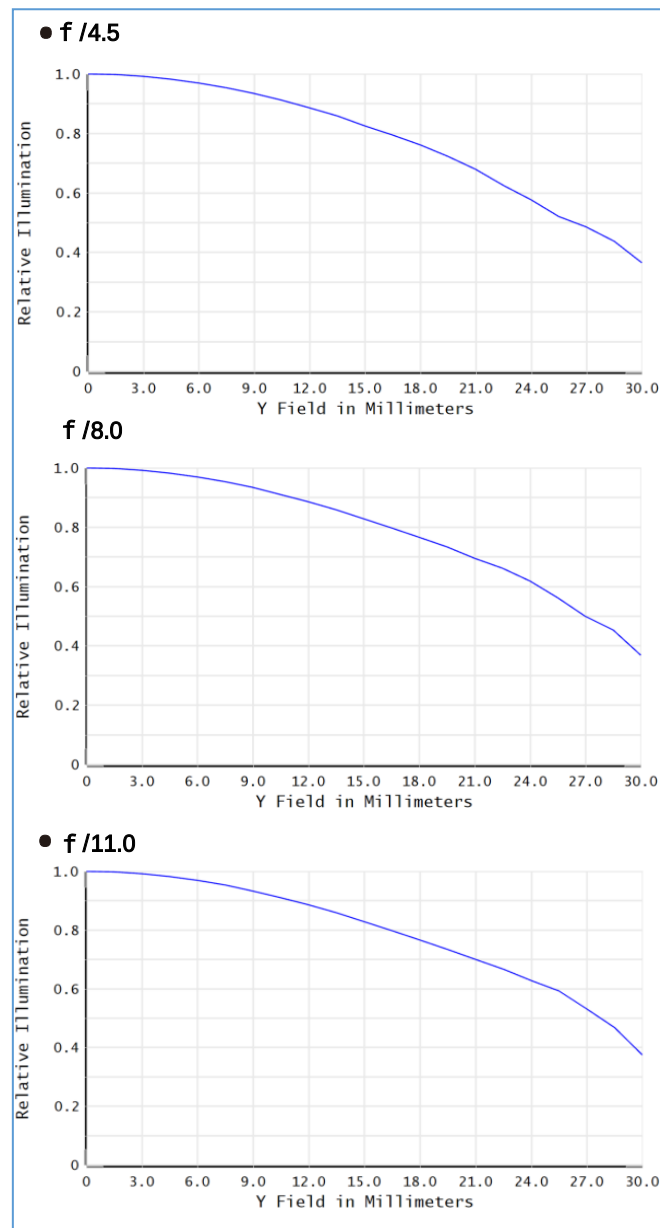
● Modulation Transfer Function(MTF)

$\beta' = 0.04X$, W.D.= 1045 mm

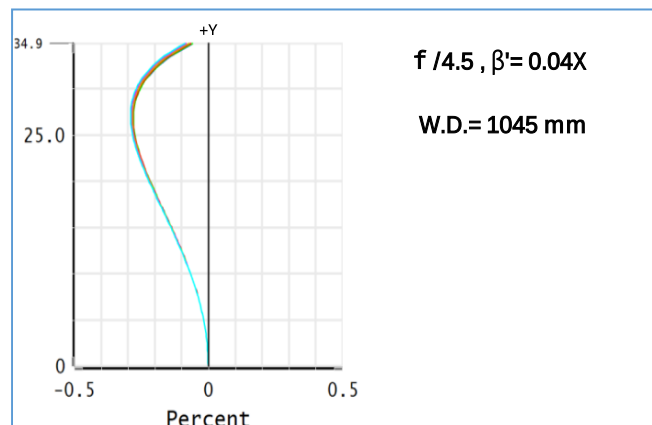


● Vignetting

$\beta' = 0.04X$, W.D.= 1045 mm



● Distortion



● Entrance Pupil Position (入瞳位置) : -67.18 mm

● Exit Pupil Position (出瞳位置) : -43.72 mm

● 1st Principal Point (第一主点) : -66.41 mm

● 2nd Principal Point (第二主点) : -42.93 mm

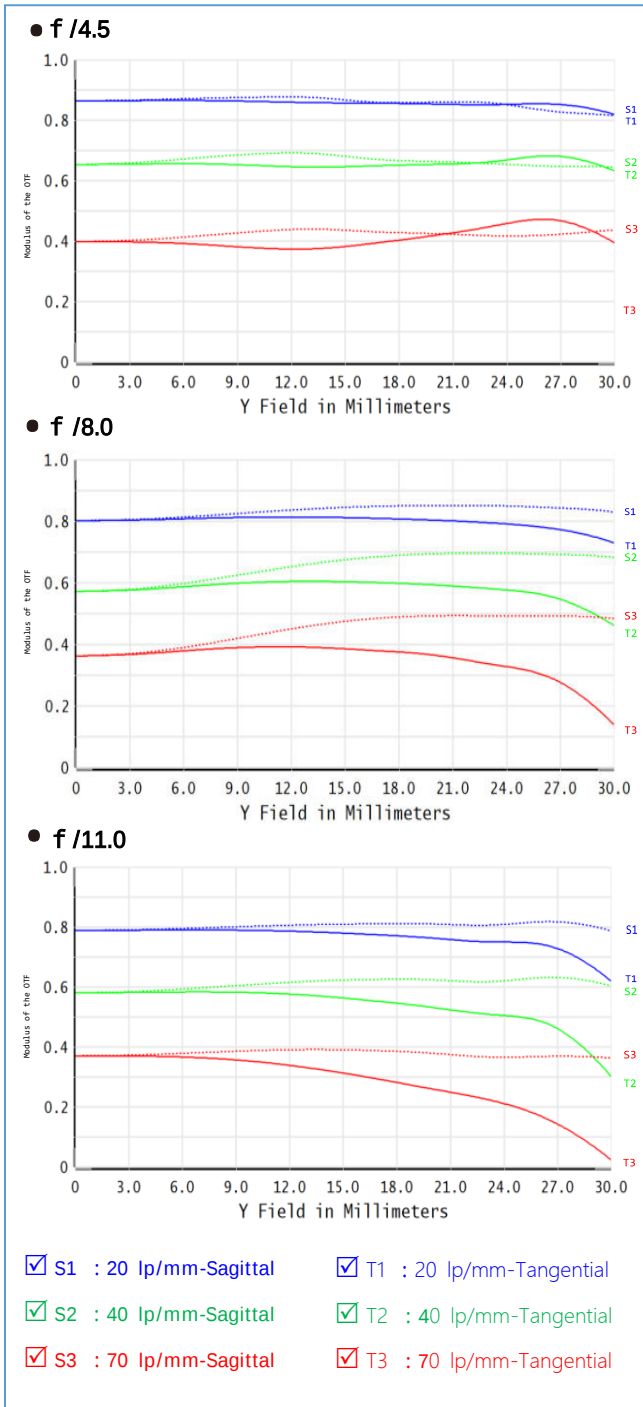
(*:Measured with respect to Image Plane, W.D.= 1045 mm)

Coloretto Series Line Scan Lenses

#OPT-MCT40/4.5-0.08X $\beta' = 0.01X \sim 0.26X$ F4.5 IMA= 60 mm EFFL= 41.6 mm

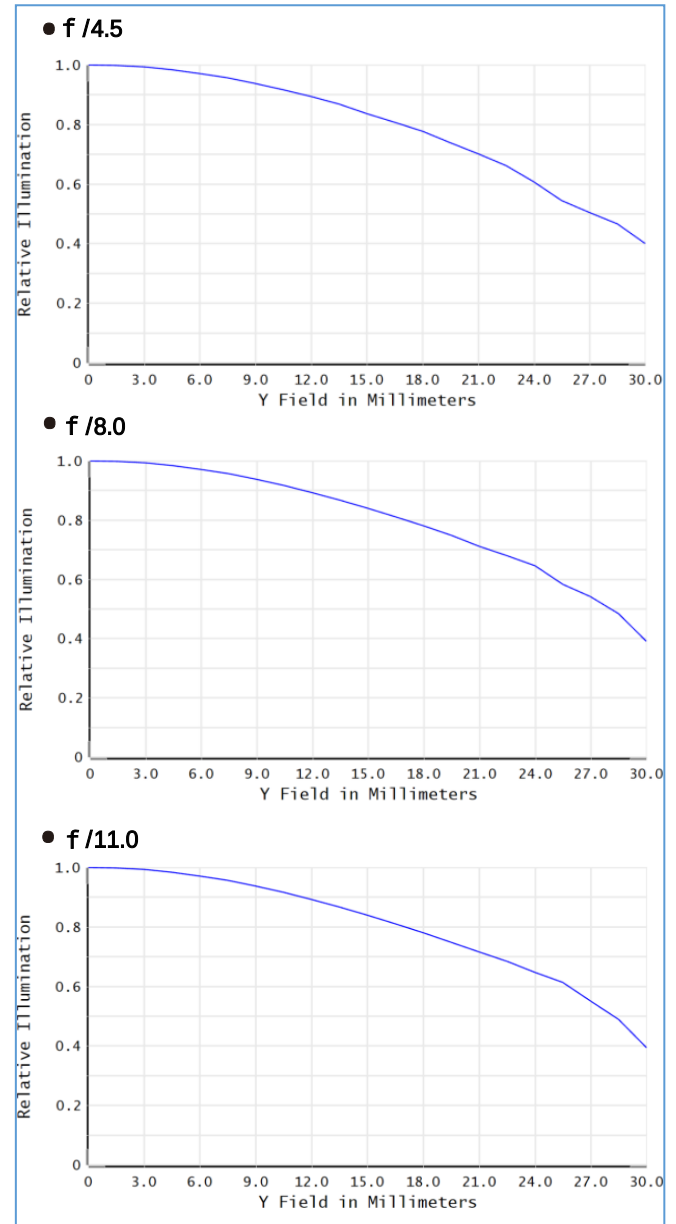
● Modulation Transfer Function(MTF)

$\beta' = 0.08X$, W.D.= 526 mm

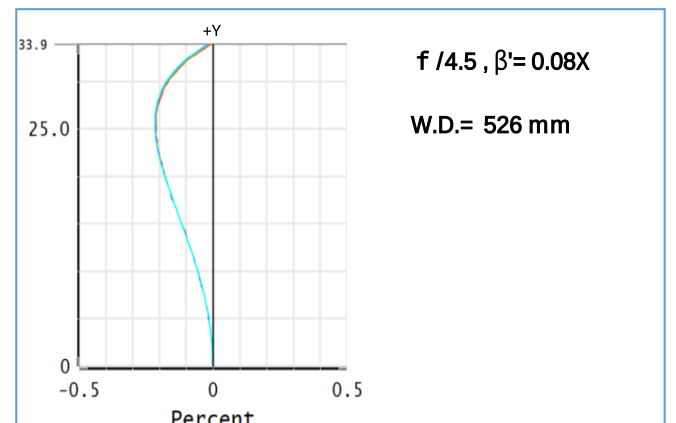


● Vignetting

$\beta' = 0.08X$, W.D.= 526 mm



● Distortion



● Entrance Pupil Position (入瞳位置) : -68.89 mm

● Exit Pupil Position (出瞳位置) : -45.43 mm

● 1st Principal Point (第一主点) : -68.12 mm

● 2nd Principal Point (第二主点) : -44.64 mm

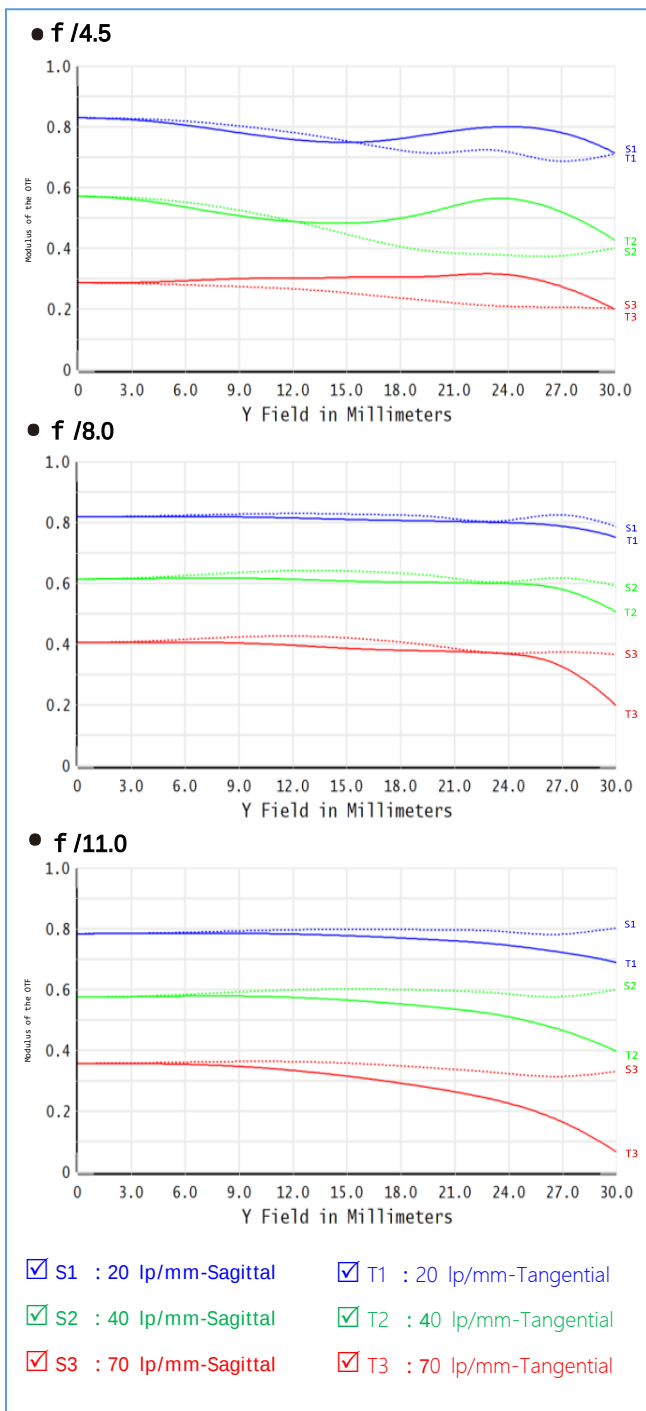
(*:Measured with respect to Image Plane, W.D.= 526 mm)

Coloretto Series Line Scan Lenses

#OPT-MCT40/4.5-0.08X $\beta' = 0.01X \sim 0.26X$ F4.5 IMA= 60 mm EFFL= 41.6 mm

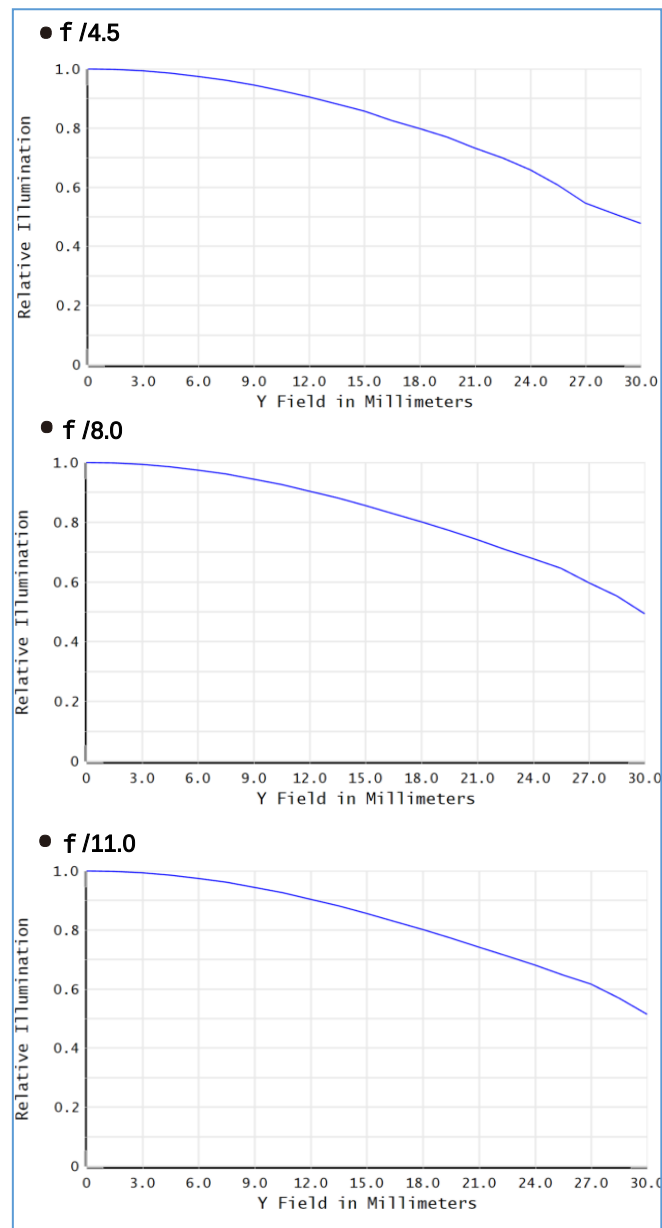
● Modulation Transfer Function(MTF)

$\beta' = 0.15X$, W.D.=283.5 mm

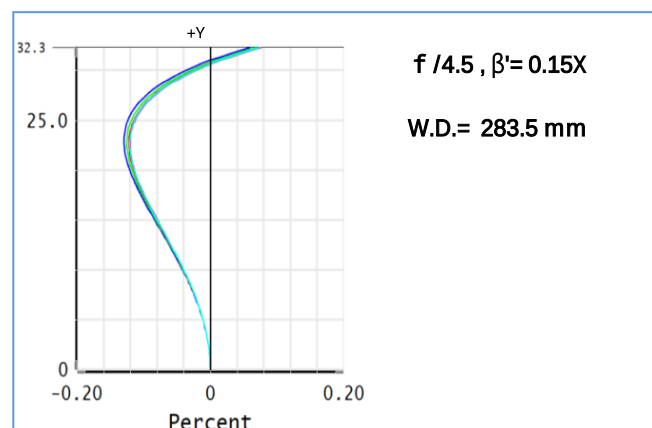


● Vignetting

$\beta' = 0.15X$, W.D.= 283.5 mm



● Distortion



● Entrance Pupil Position (入瞳位置) : -71.82 mm

● Exit Pupil Position (出瞳位置) : -48.36 mm

● 1st Principal Point (第一主点) : -71.04 mm

● 2nd Principal Point (第二主点) : -47.57 mm

(*:Measured with respect to Image Plane, W.D.= 283.5 mm)