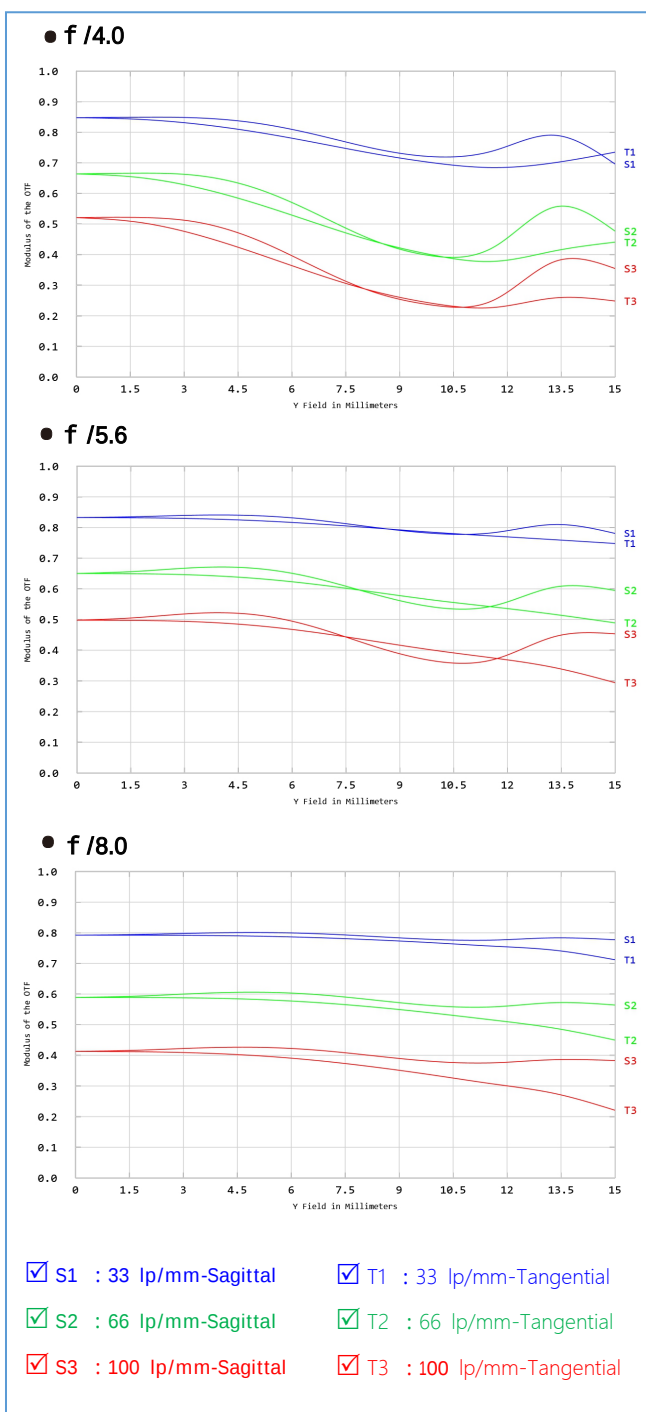


Coloretto Series Line Scan Lenses

#OPT-MCT40/4.0-0.10X $\beta' = 0.04X \sim 0.16X$ F4.0 IMA= 30 mm EFFL= 40 mm

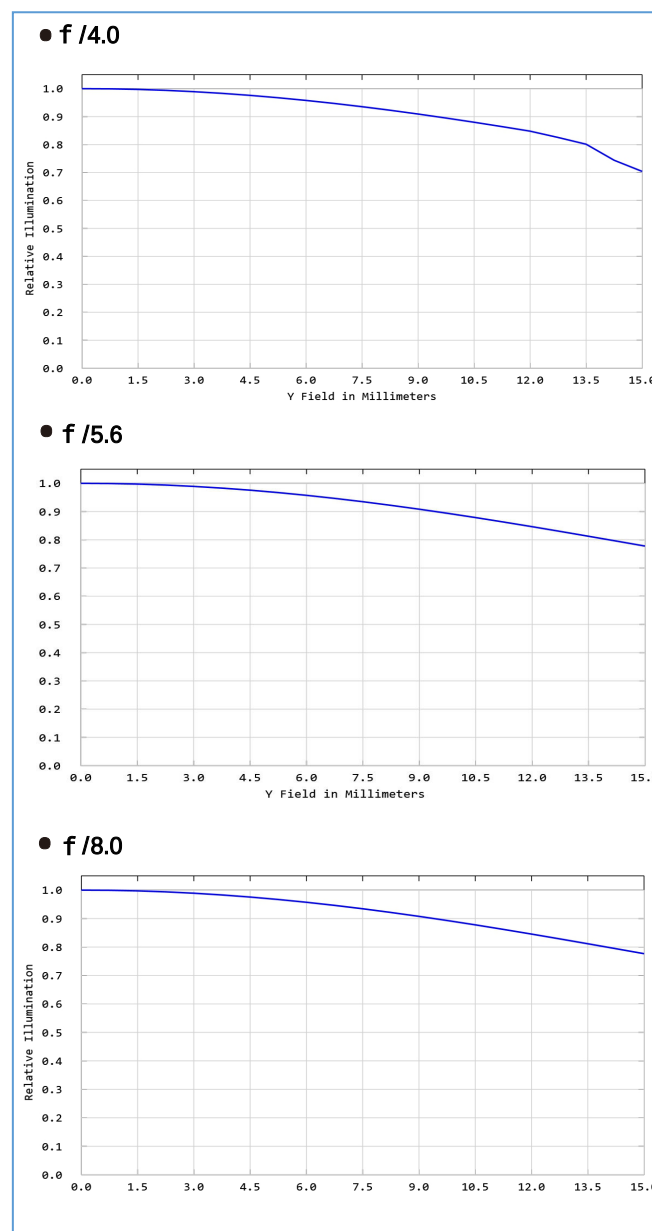
● Modulation Transfer Function(MTF)

$\beta' = 0.04X$, W.D.= 1021.5 mm

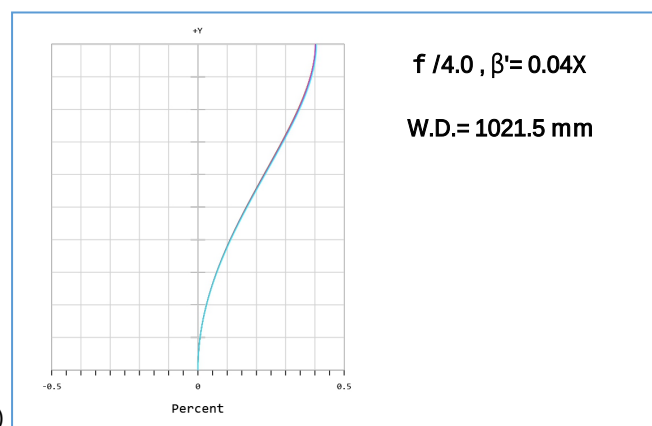


● Vignetting

$\beta' = 0.04X$, W.D.= 1021.5 mm



● Distortion



● Entrance Pupil Position (入瞳位置) : -33.83 mm

● Exit Pupil Position (出瞳位置) : -41.18 mm

● 1st Principal Point (第一主点) : -34.22 mm

● 2nd Principal Point (第二主点) : -41.57 mm

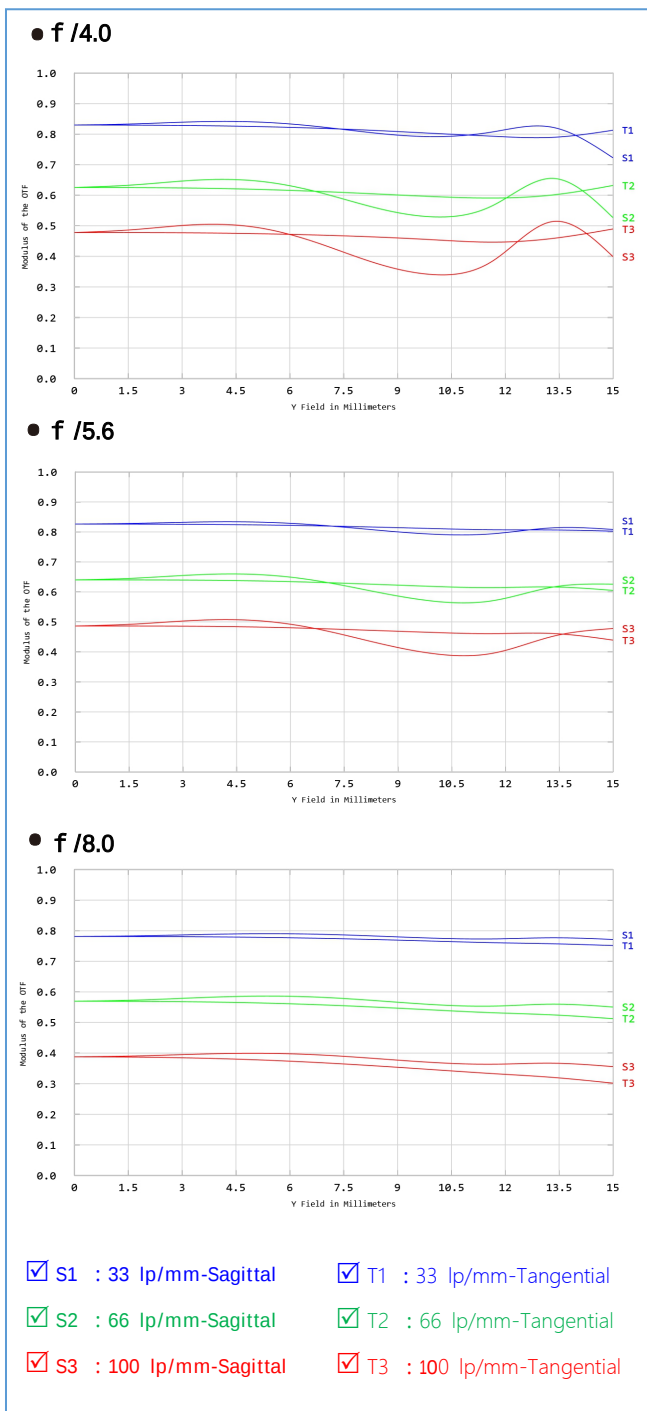
(*:Measured with respect to Image Plane, W.D.= 1021.5 mm)

Coloretto Series Line Scan Lenses

#OPT-MCT40/4.0-0.10X $\beta' = 0.04X \sim 0.16X$ F4.0 IMA= 30 mm EFFL= 40 mm

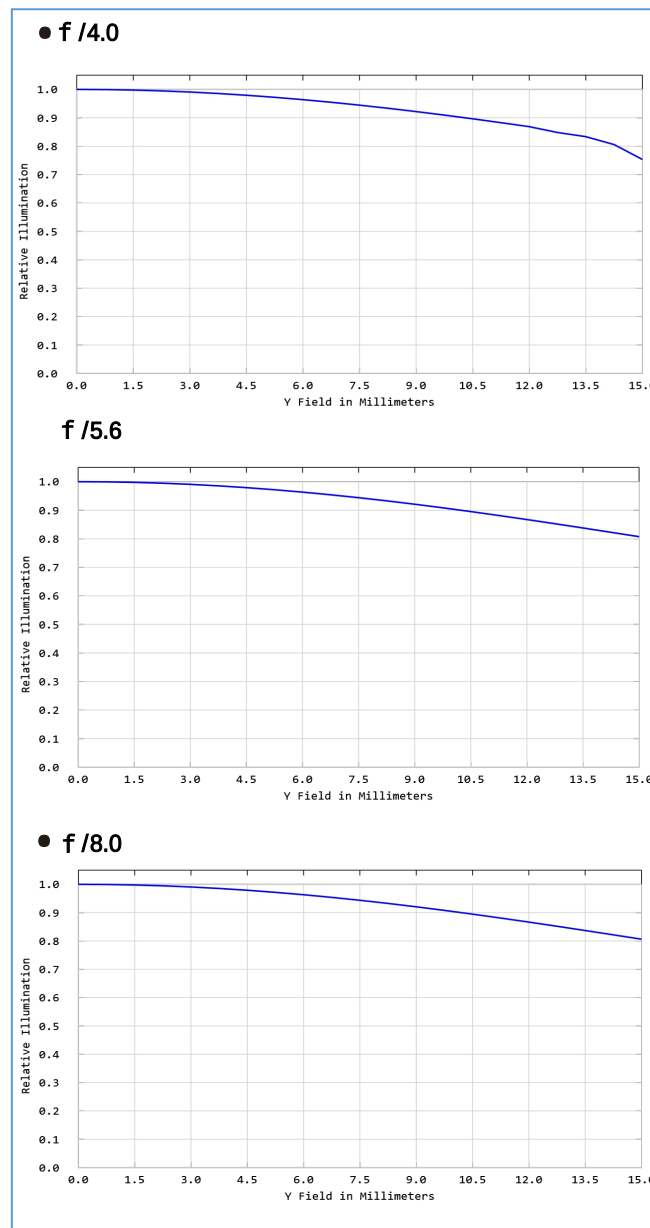
● Modulation Transfer Function(MTF)

$\beta' = 0.10X$, W.D.= 421 mm

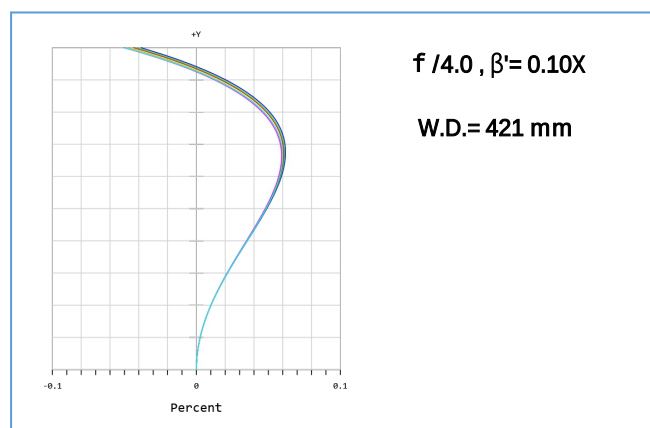


● Vignetting

$\beta' = 0.10X$, W.D.= 421 mm



● Distortion



● Entrance Pupil Position (入瞳位置) : -36.24 mm

● Exit Pupil Position (出瞳位置) : -43.57 mm

● 1st Principal Point (第一主点) : -36.64 mm

● 2nd Principal Point (第二主点) : -43.96 mm

(*:Measured with respect to Image Plane, W.D.= 421 mm)

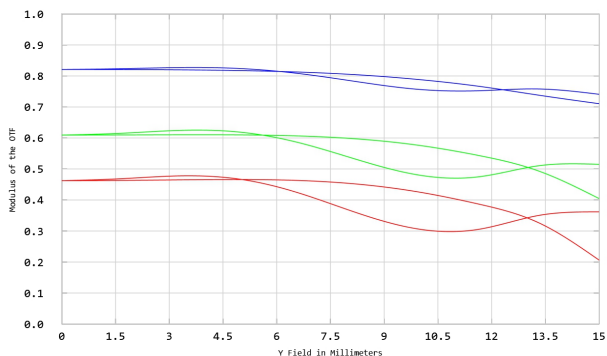
Coloretto Series Line Scan Lenses

#OPT-MCT40/4.0-0.10X $\beta' = 0.04X \sim 0.16X$ F4.0 IMA= 30 mm EFFL= 40 mm

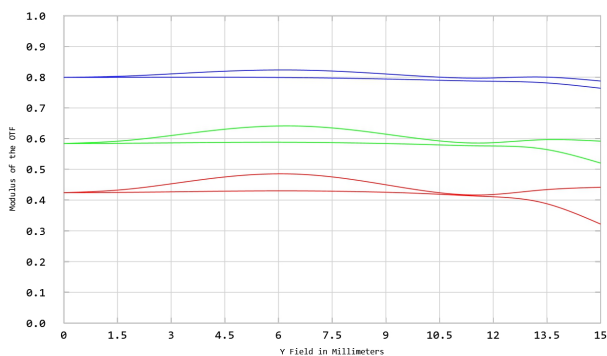
● Modulation Transfer Function(MTF)

$\beta' = 0.16X$, W.D.= 271 mm

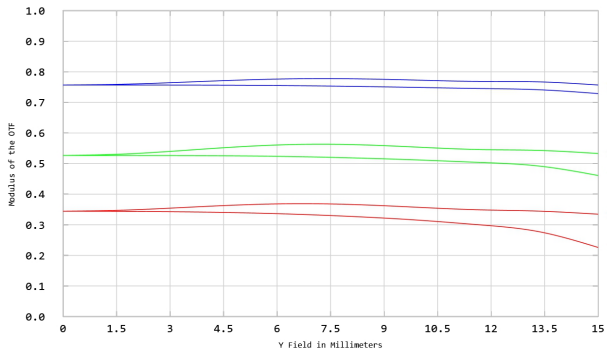
● f /4.0



● f /5.6



● f /8.0

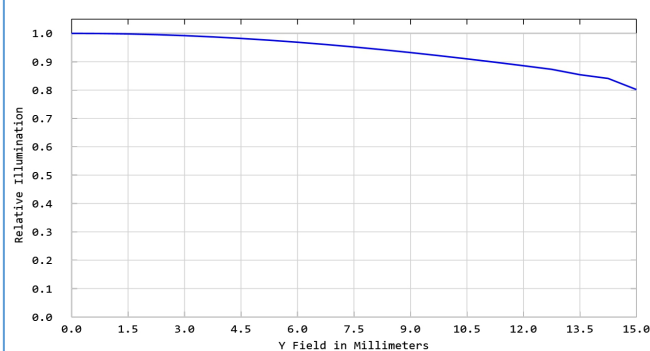


- ☒ S1 : 33 lp/mm-Sagittal
- ☒ T1 : 33 lp/mm-Tangential
- ☒ S2 : 66 lp/mm-Sagittal
- ☒ T2 : 66 lp/mm-Tangential
- ☒ S3 : 100 lp/mm-Sagittal
- ☒ T3 : 100 lp/mm-Tangential

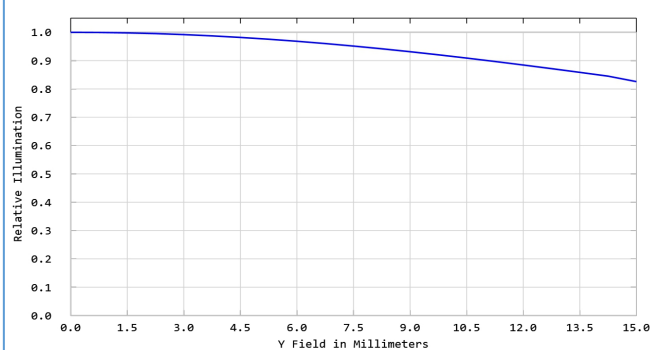
● Vignetting

$\beta' = 0.16X$, W.D.= 271 mm

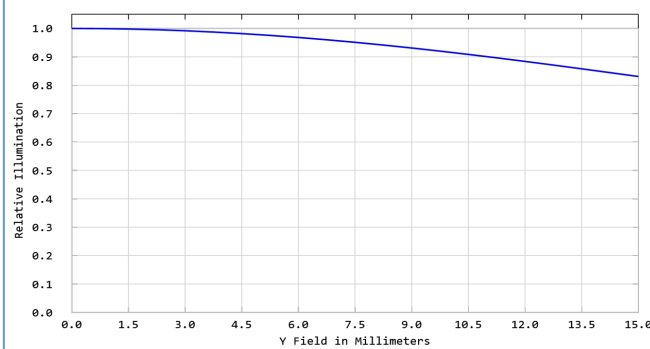
● f /4.0



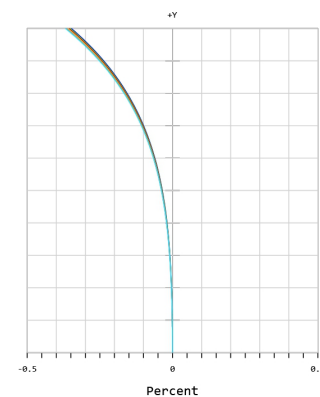
● f /5.6



● f /8.0



● Distortion



f /4.0 , $\beta' = 0.16X$

W.D.= 271 mm

● Entrance Pupil Position (入瞳位置) : -38.64 mm

● Exit Pupil Position (出瞳位置) : -45.97 mm

● 1st Principal Point (第一主点) : -39.04 mm

● 2nd Principal Point (第二主点) : -46.36 mm

(*:Measured with respect to Image Plane, W.D.= 271 mm)