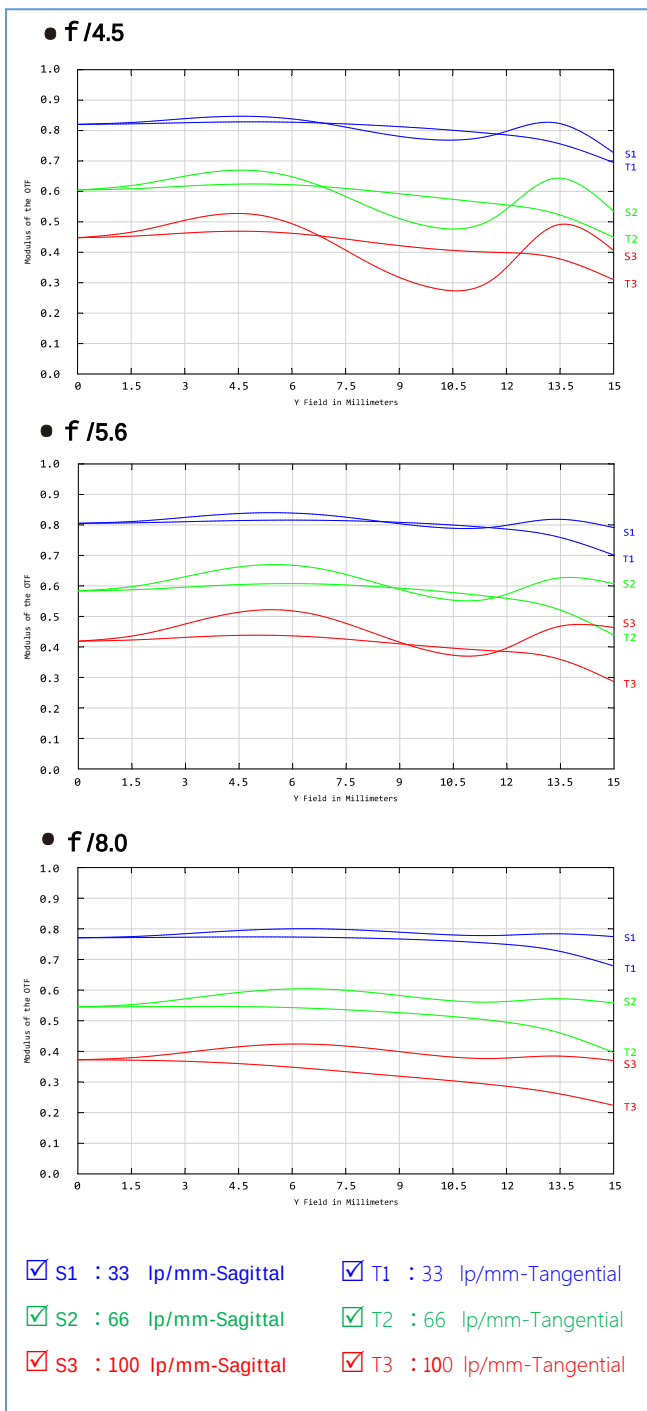


Coloretto Series Line Scan Lenses

#OPT-MCT35/4.5-0.10X $\beta' = 0.04X \sim 0.16X$ F4.5 IMA= 35 mm EFFL= 35 mm

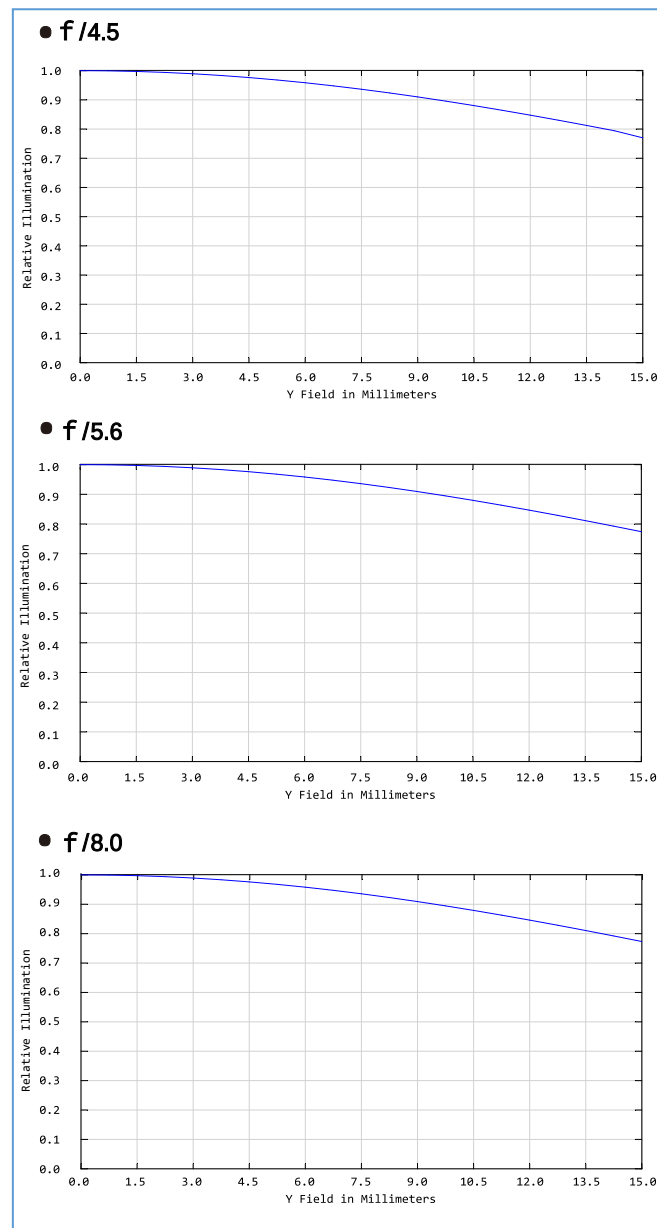
● Modulation Transfer Function(MTF)

$\beta' = 0.04X$, W.D.= 895 mm

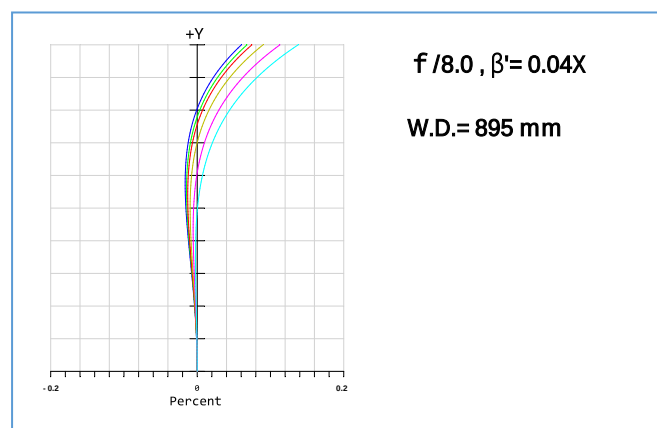


● Vignetting

$\beta' = 0.04X$, W.D.= 895 mm



● Distortion



● Entrance Pupil Position (入瞳位置) : -37.06 mm

● Exit Pupil Position (出瞳位置) : -39.43 mm

● 1st Principal Point (第一主点) : -29.32 mm

● 2nd Principal Point (第二主点) : -83.51 mm

(*:Measured with respect to Image Plane, W.D.= 895 mm)

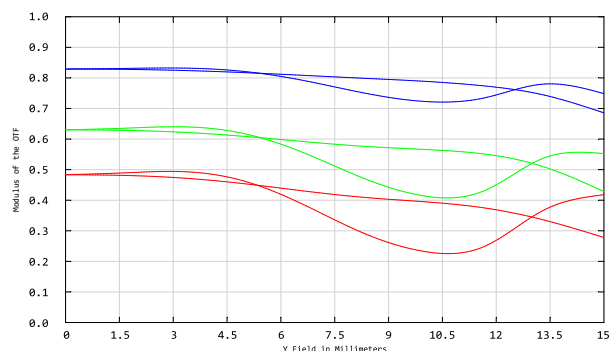
Coloretto Series Line Scan Lenses

#OPT-MCT35/4.0-0.10X $\beta' = 0.04X \sim 0.16X$ F4.5 IMA= 30 mm EFFL= 35 mm

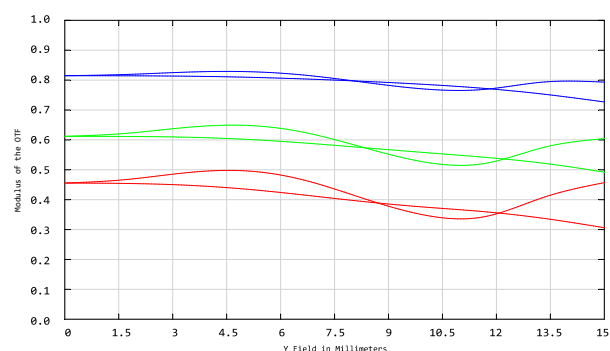
● Modulation Transfer Function(MTF)

$\beta' = 0.10X$, W.D.=370 mm

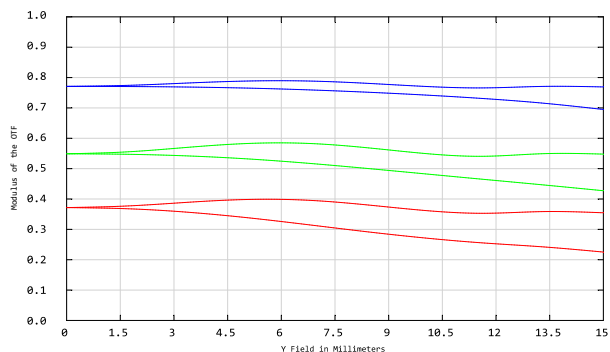
● f /4.0



● f /5.6



● f /8.0

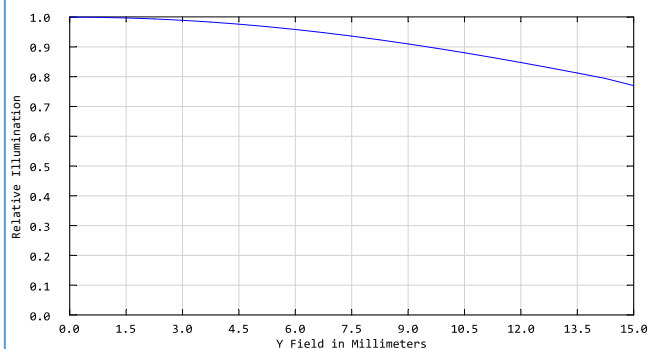


- | | |
|---|---|
| ☒ S1 : 33 lp/mm-Sagittal | ☒ T1 : 33 lp/mm-Tangential |
| ☒ S2 : 66 lp/mm-Sagittal | ☒ T2 : 66 lp/mm-Tangential |
| ☒ S3 : 100 lp/mm-Sagittal | ☒ T3 : 100 lp/mm-Tangential |

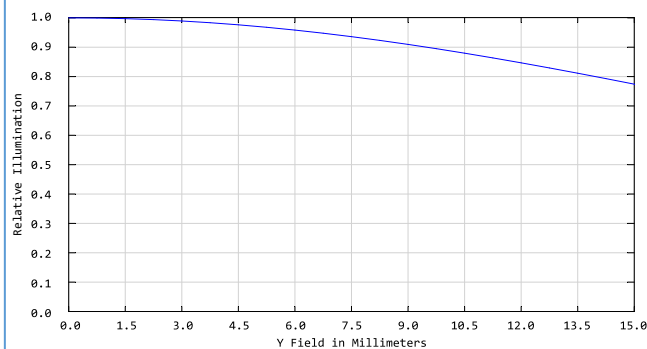
● Vignetting

$\beta' = 0.10X$, W.D.= 370 mm

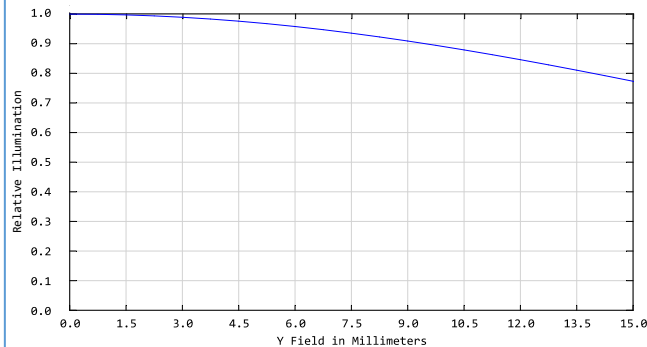
● f /4.0



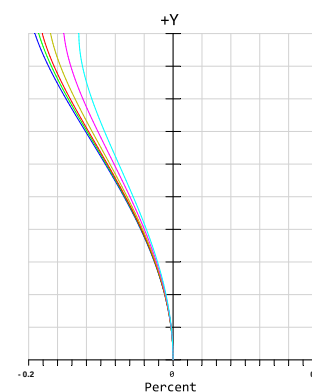
f /5.6



● f /8.0



● Distortion



f /8.0 , $\beta' = 0.10X$

W.D.= 370 mm

● Entrance Pupil Position (入瞳位置) : -39.16 mm

● Exit Pupil Position (出瞳位置) : -41.43 mm

● 1st Principal Point (第一主点) : -31.43 mm

● 2nd Principal Point (第二主点) : -38.45 mm

(*:Measured with respect to Image Plane, W.D.= 370 mm)

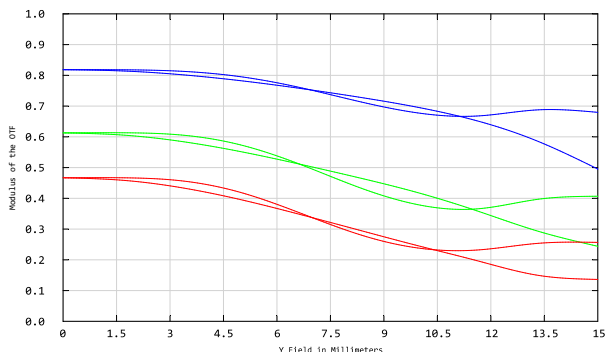
Coloretto Series Line Scan Lenses

#OPT-MCT35/4.0-0.10X $\beta' = 0.04X \sim 0.16X$ F4.5 IMA= 30 mm EFFL= 35 mm

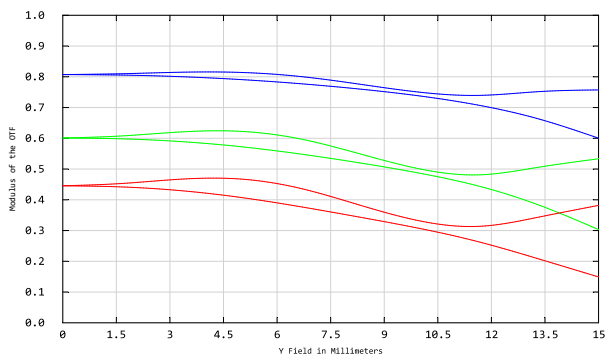
● Modulation Transfer Function(MTF)

$\beta' = 0.16X$, W.D.= 239 mm

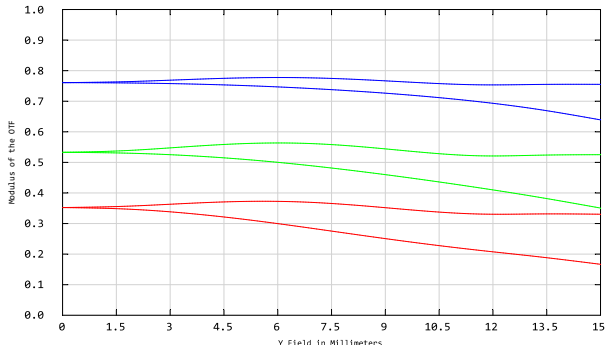
● f /4.0



● f /5.6



● f /8.0



☑ S1 : 33 lp/mm-Sagittal

☑ T1 : 33 lp/mm-Tangential

☑ S2 : 66lp/mm-Sagittal

☑ T2 : 66 lp/mm-Tangential

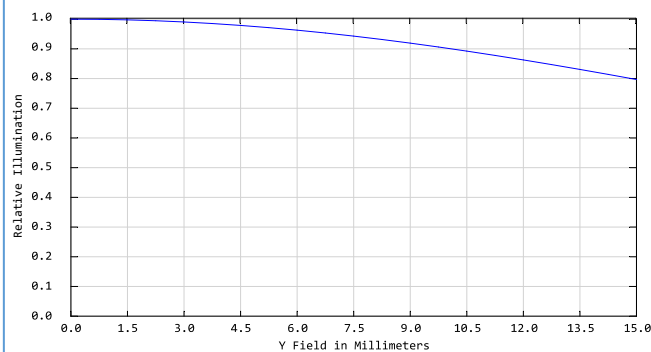
☑ S3 : 100 lp/mm-Sagittal

☑ T3 : 100 lp/mm-Tangential

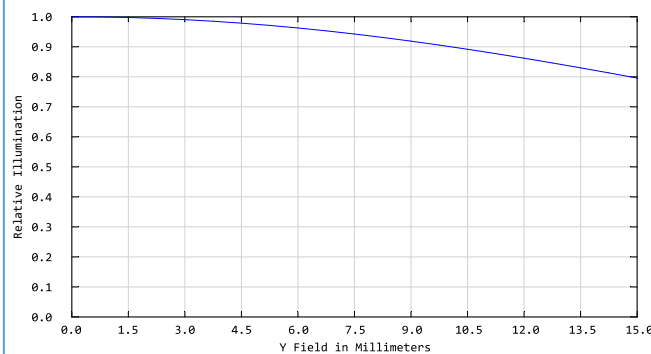
● Vignetting

$\beta' = 0.16X$, W.D.= 239 mm

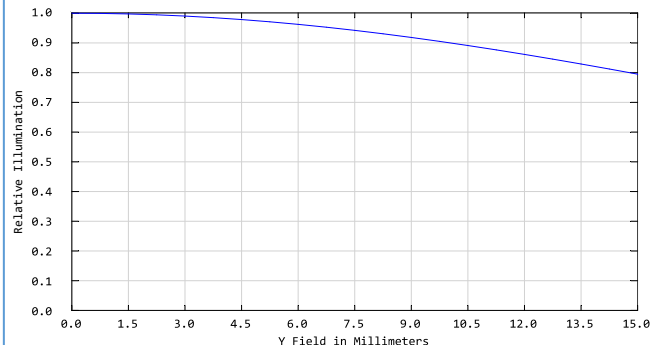
● f /4.0



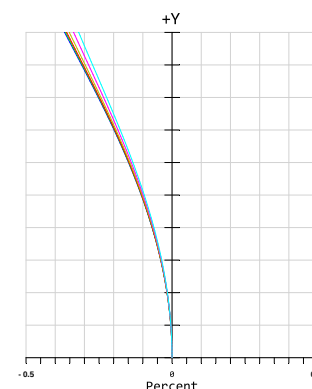
● f /5.6



● f /8.0



● Distortion



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

W.D.= 239 mm

● Entrance Pupil Position (入瞳位置) : -38.26 mm

● Exit Pupil Position (出瞳位置) : -43.63 mm

● 1st Principal Point (第一主点) : -30.53 mm

● 2nd Principal Point (第二主点) : -40.55 mm

(*:Measured with respect to Image Plane, W.D.= 239 mm)