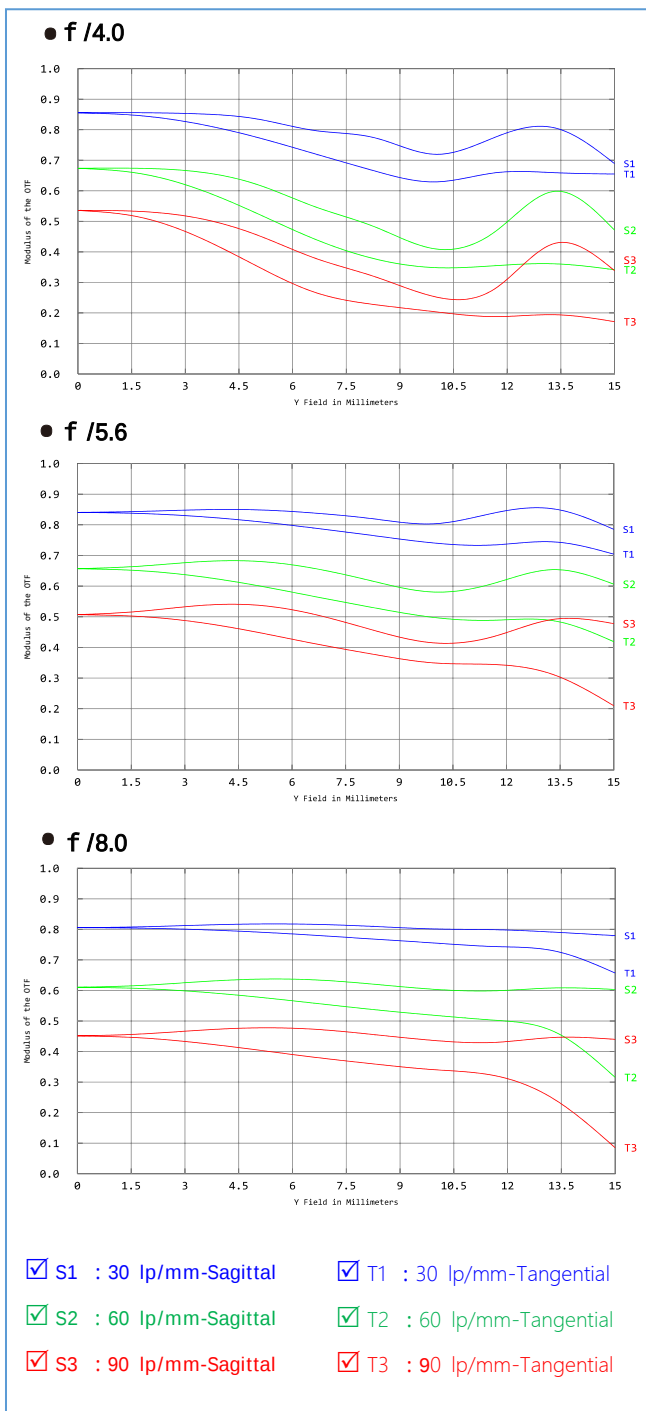


Coloretto Series Line Scan Lenses

#OPT-MCT28/4.0-0.10X $\beta' = 0.01X \sim 0.28X$ F4.0 IMA= 30 mm EFFL= 28 mm

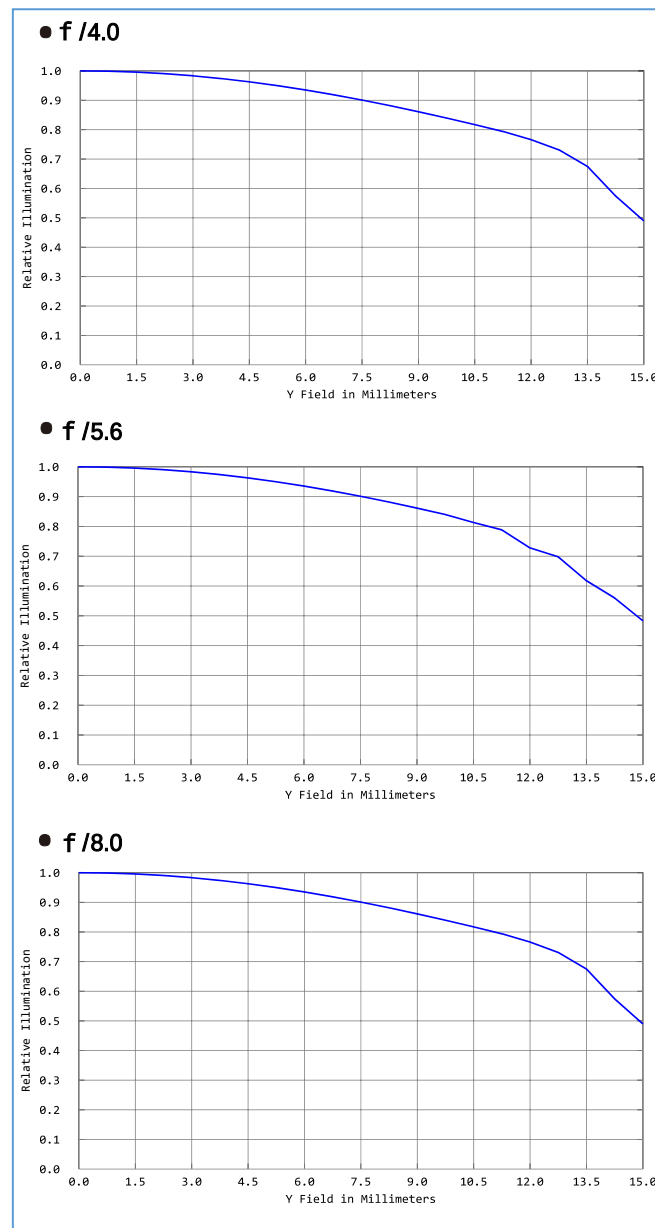
● Modulation Transfer Function(MTF)

$\beta' = 0.01X$, W.D.= 2794 mm

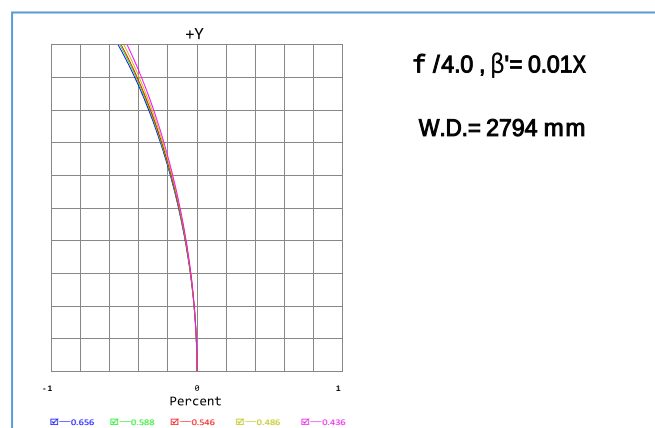


● Vignetting

$\beta' = 0.01X$, W.D.= 2794 mm



● Distortion



● Entrance Pupil Position (入瞳位置) : -42.49 mm

● Exit Pupil Position (出瞳位置) : -29.42 mm

● 1st Principal Point (第一主点) : -41.35 mm

● 2nd Principal Point (第二主点) : -28.23 mm

(*:Measured with respect to Image Plane, W.D.= 2794 mm)

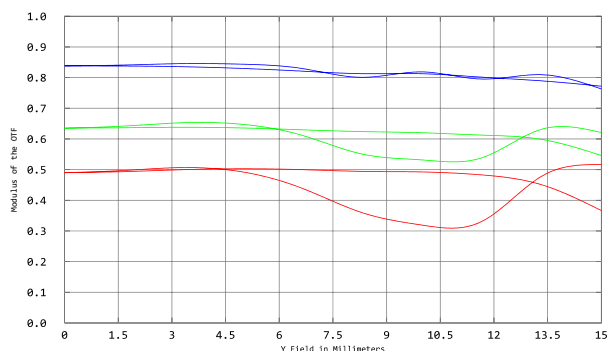
Coloretto Series Line Scan Lenses

#OPT-MCT28/4.0-0.10X $\beta' = 0.01X \sim 0.28X$ F4.0 IMA= 30 mm EFFL= 28 mm

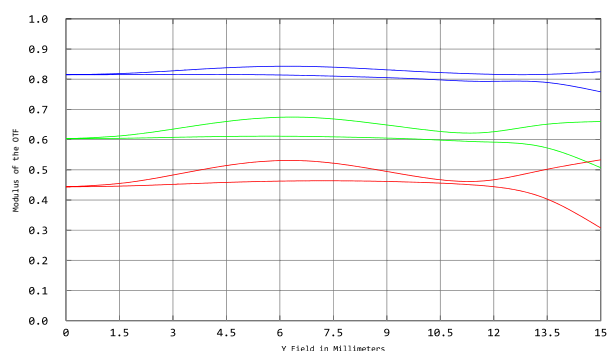
● Modulation Transfer Function(MTF)

$\beta' = 0.10X$, W.D.= 275.9 mm

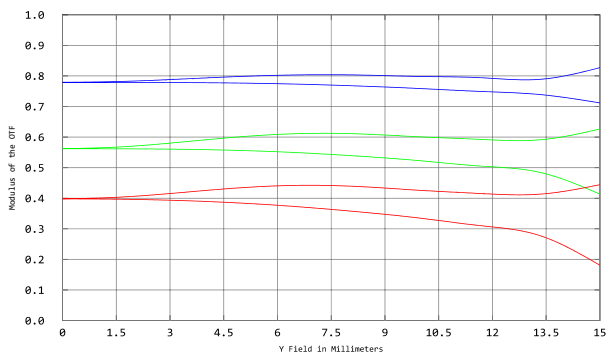
● f /4.0



● f /5.6



● f /8.0



☒ S1 : 30 lp/mm-Sagittal

☒ T1 : 30 lp/mm-Tangential

☒ S2 : 60 lp/mm-Sagittal

☒ T2 : 60 lp/mm-Tangential

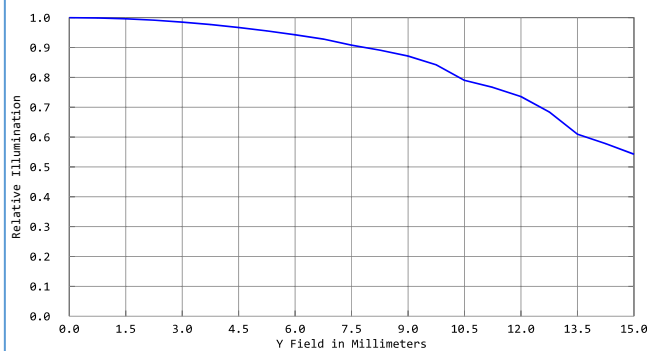
☒ S3 : 90 lp/mm-Sagittal

☒ T3 : 90 lp/mm-Tangential

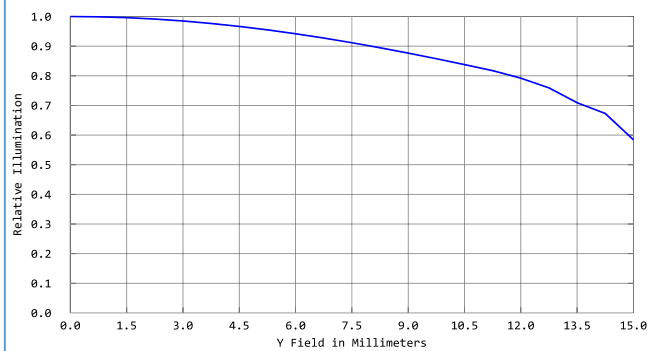
● Vignetting

$\beta' = 0.10X$, W.D.= 275.9 mm

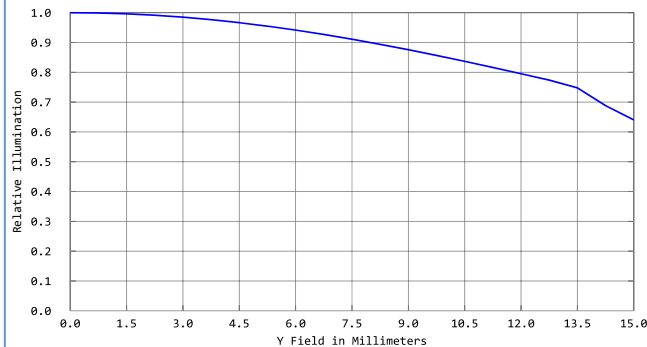
● f /4.0



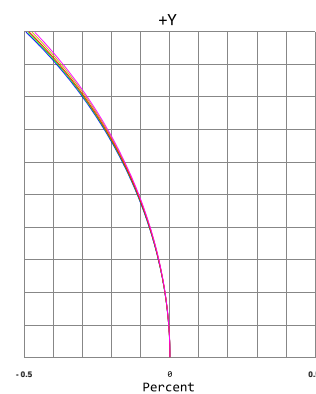
f /5.6



● f /8.0



● Distortion



f /4.0 , $\beta' = 0.10X$

W.D.= 275.9 mm

● Entrance Pupil Position (入瞳位置) : -43.49 mm

● Exit Pupil Position (出瞳位置) : -31.74 mm

● 1st Principal Point (第一主点) : -42.35 mm

● 2nd Principal Point (第二主点) : -30.55 mm

(*:Measured with respect to Image Plane, W.D.= 275.9 mm)

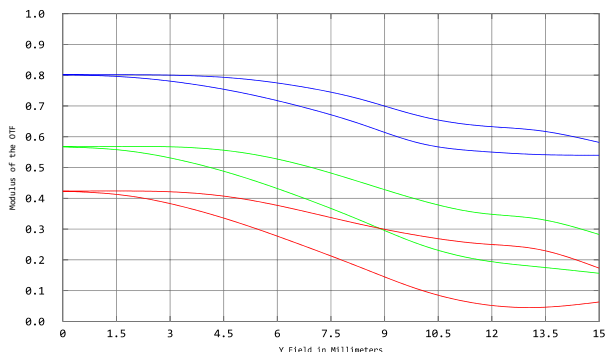
Coloretto Series Line Scan Lenses

#OPT-MCT28/4.0-0.10X $\beta' = 0.01X \sim 0.28X$ F4.0 IMA= 30 mm EFFL= 28 mm

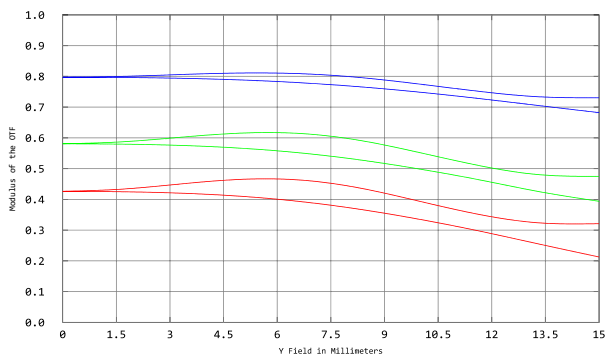
● Modulation Transfer Function(MTF)

$\beta' = 0.28X$, W.D.= 95.9 mm

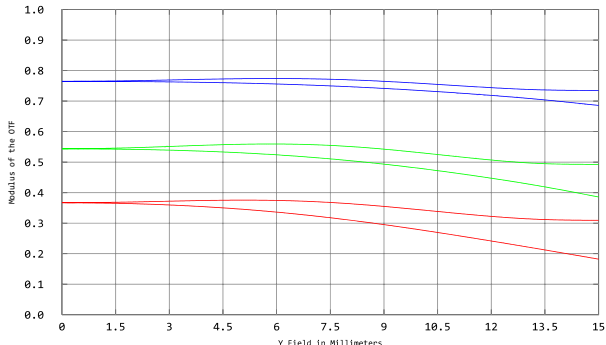
● f /4.0



● f /5.6



● f /8.0

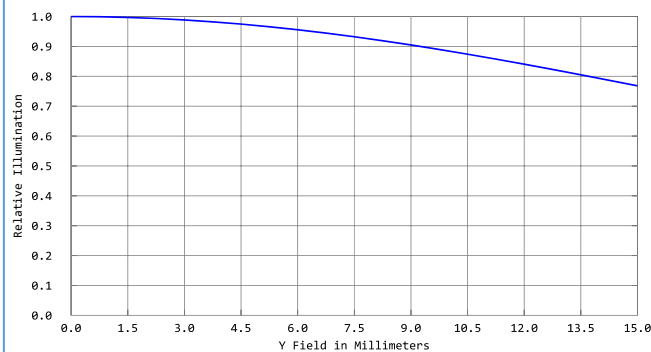


- | | |
|--|--|
| ☒ S1 : 30 lp/mm-Sagittal | ☒ T1 : 30 lp/mm-Tangential |
| ☒ S2 : 60 lp/mm-Sagittal | ☒ T2 : 60 lp/mm-Tangential |
| ☒ S3 : 90 lp/mm-Sagittal | ☒ T3 : 90 lp/mm-Tangential |

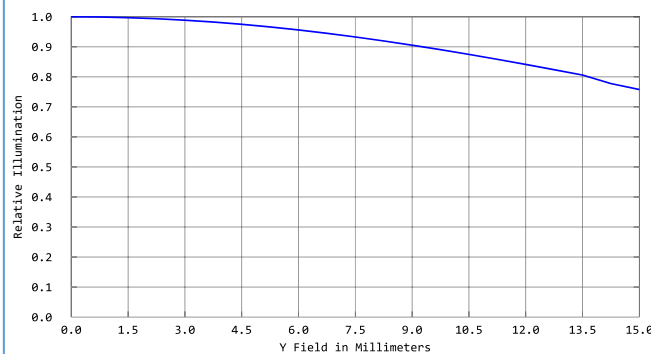
● Vignetting

$\beta' = 0.28X$, W.D.= 95.9 mm

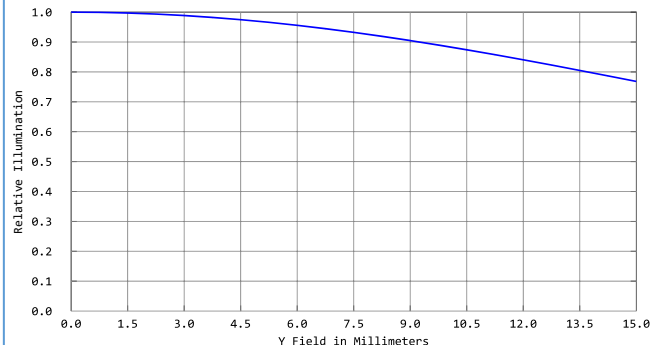
● f /4.0



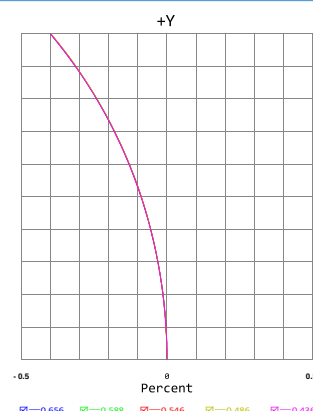
● f /5.6



● f /8.0



● Distortion



f /4.0 , $\beta' = 0.28X$

W.D.= 95.9 mm

● Entrance Pupil Position (入瞳位置) : -48.68 mm

● Exit Pupil Position (出瞳位置) : -36.93 mm

● 1st Principal Point (第一主点) : -47.54 mm

● 2nd Principal Point (第二主点) : -35.74 mm

(*:Measured with respect to Image Plane, W.D.= 95.9 mm)