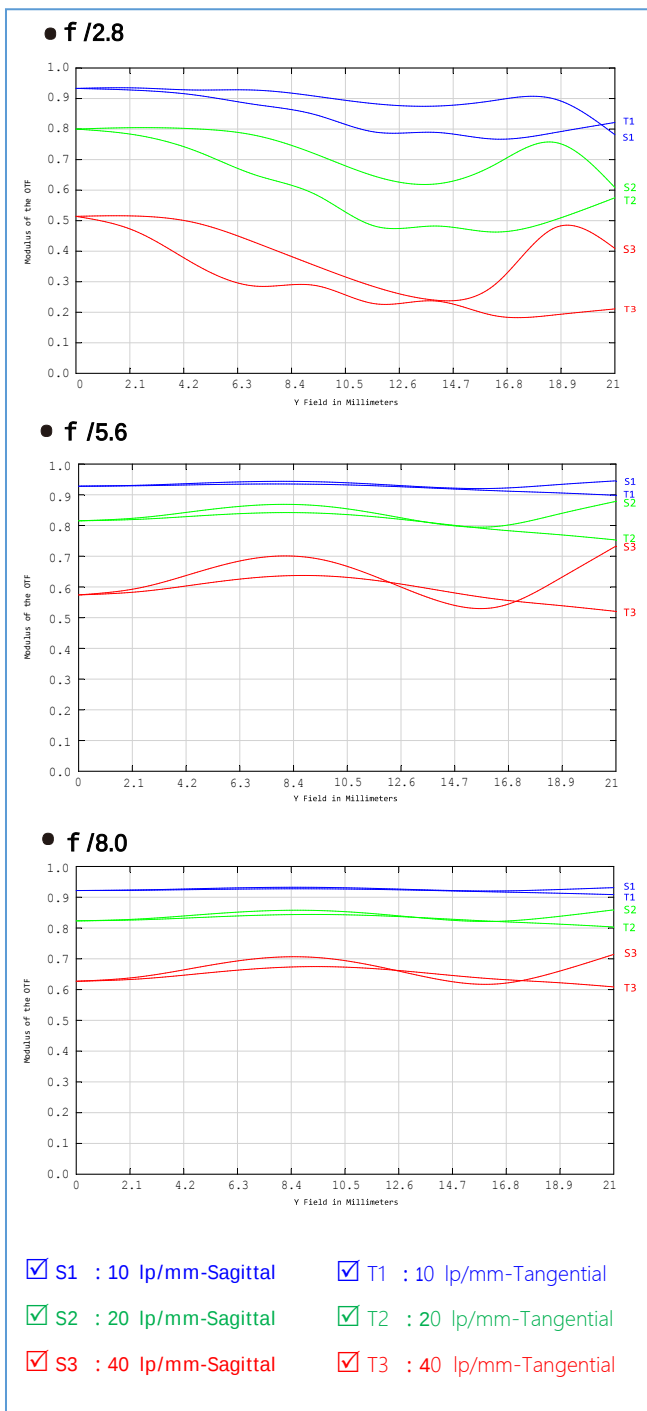


Coloretto Series Line Scan Lenses

#OPT-VCT50/2.8-0.17X $\beta' = 0.08X \sim 0.33X$ F2.8 IMA= 44 mm EFL= 50 mm

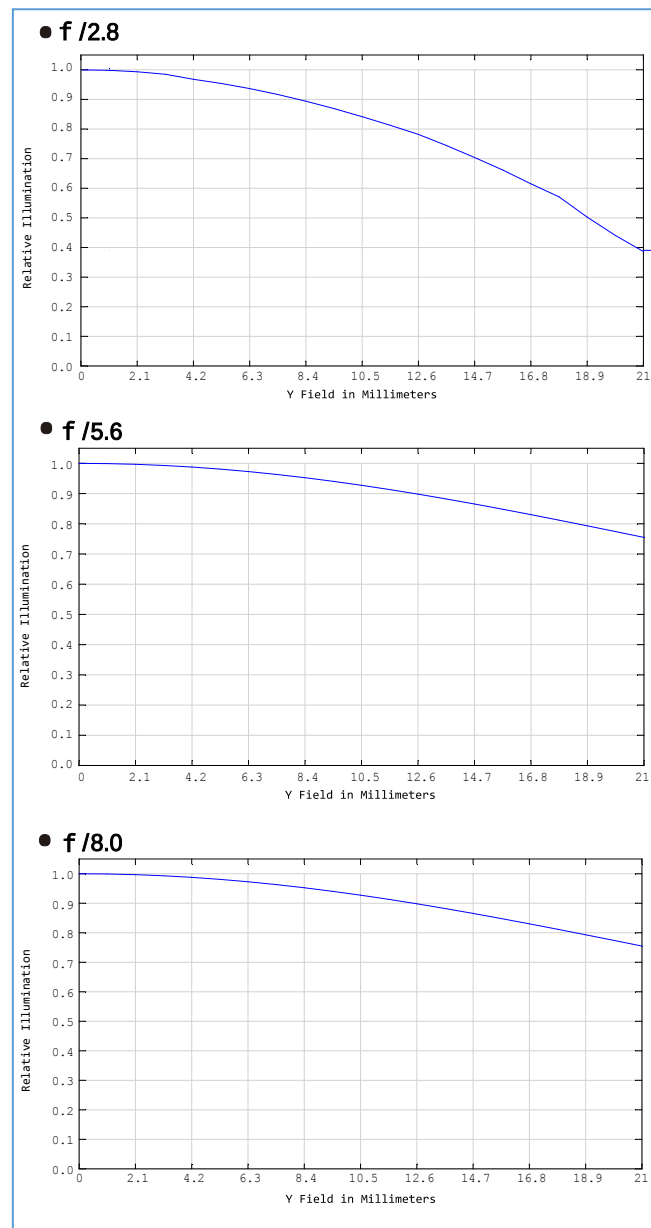
● Modulation Transfer Function(MTF)

$\beta' = 0.08X$, W.D.= 632 mm

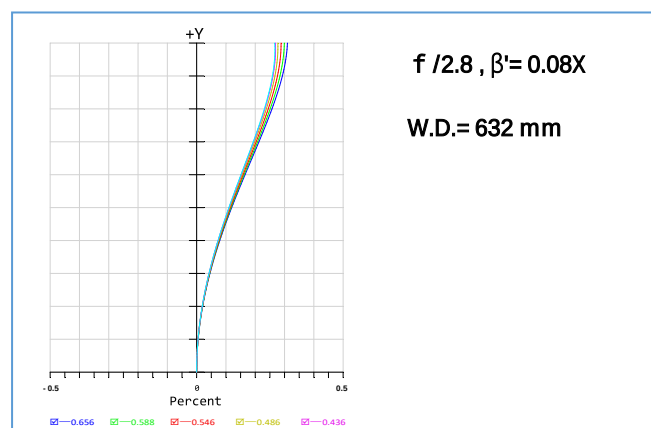


● Vignetting

$\beta' = 0.08X$, W.D.= 632 mm



● Distortion



● Entrance Pupil Position (入瞳位置) : -49.07 mm

● Exit Pupil Position (出瞳位置) : -52.12 mm

● 1st Principal Point (第一主点) : -38.56 mm

● 2nd Principal Point (第二主点) : -54.06 mm

(*:Measured with respect to Image Plane, W.D.= 632 mm)

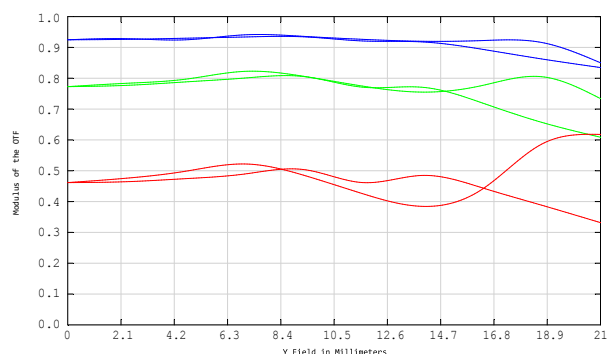
Coloretto Series Line Scan Lenses

#OPT-VCT50/2.8-0.17X $\beta' = 0.08X \sim 0.33X$ F2.8 IMA= 44 mm EFFL= 50 mm

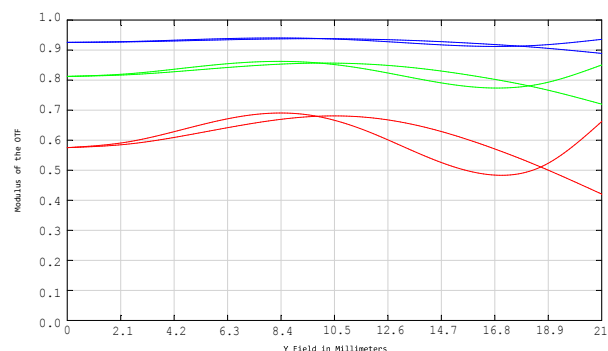
● Modulation Transfer Function(MTF)

$\beta' = 0.17X$, W.D.= 329 mm

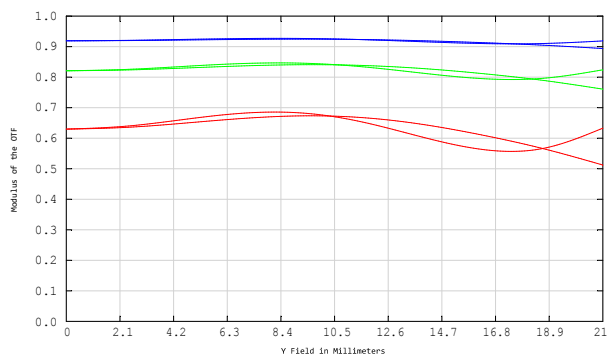
● f /2.8



● f /5.6



● f /8.0

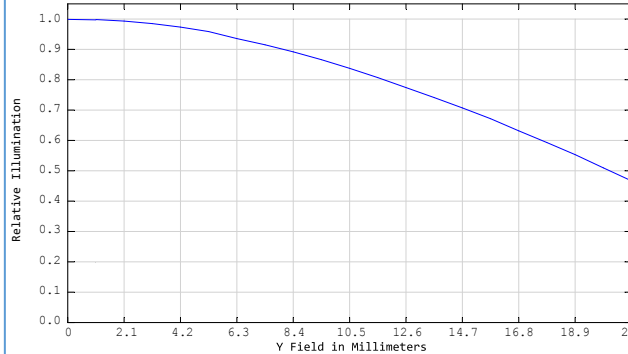


- | | |
|--|--|
| ☒ S1 : 10 lp/mm-Sagittal | ☒ T1 : 10 lp/mm-Tangential |
| ☒ S2 : 20 lp/mm-Sagittal | ☒ T2 : 20 lp/mm-Tangential |
| ☒ S3 : 40 lp/mm-Sagittal | ☒ T3 : 40 lp/mm-Tangential |

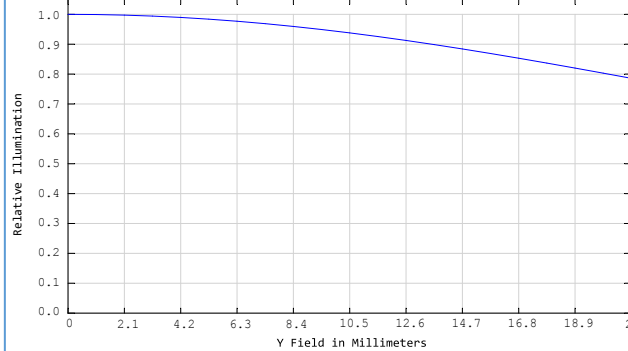
● Vignetting

$\beta' = 0.17X$, W.D.= 329 mm

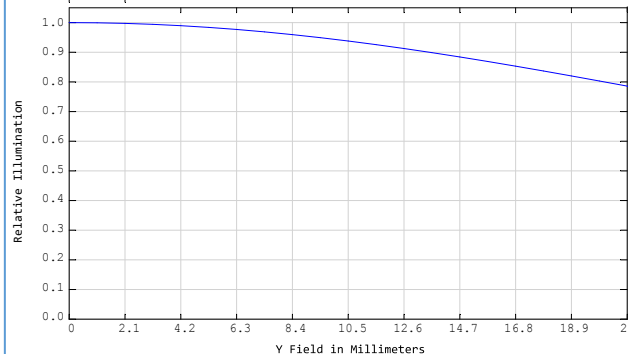
● f /2.8



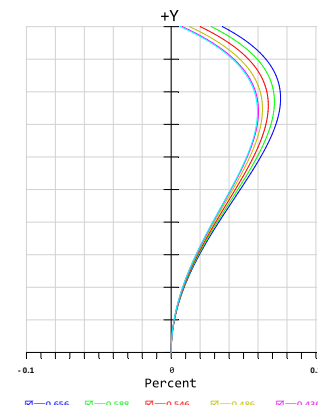
● f /5.6



● f /8.0



● Distortion



f /2.8 , $\beta' = 0.17X$

W.D.= 329 mm

● Entrance Pupil Position (入瞳位置) : -53.18 mm

● Exit Pupil Position (出瞳位置) : -56.24 mm

● 1st Principal Point (第一主点) : -42.67 mm

● 2nd Principal Point (第二主点) : -58.17 mm

(*:Measured with respect to Image Plane, W.D.= 329 mm)

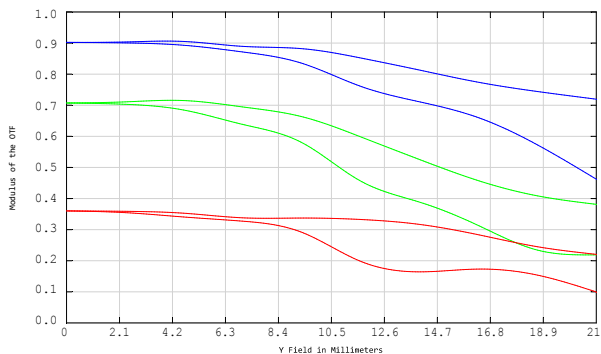
Coloretto Series Line Scan Lenses

#OPT-VCT50/2.8-0.17X $\beta' = 0.08X \sim 0.33X$ F2.8 IMA= 44 mm EFFL= 50 mm

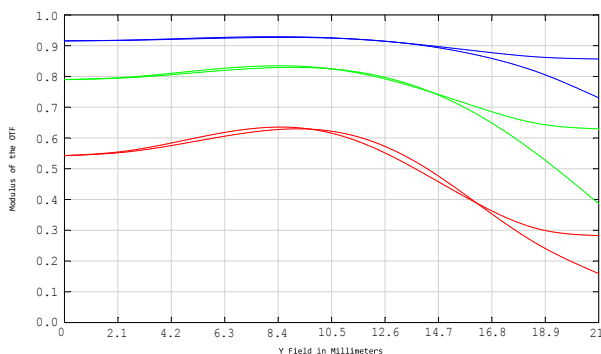
● Modulation Transfer Function(MTF)

$\beta' = 0.33X$, W.D.= 184 mm

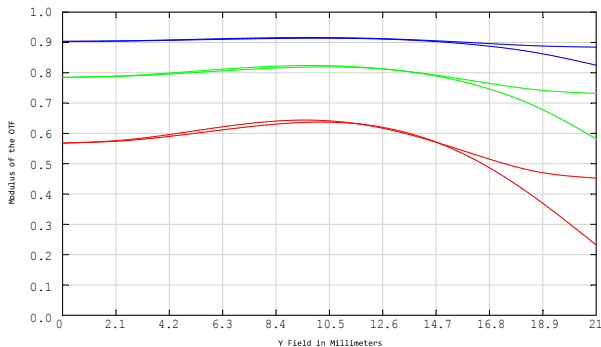
● f /2.8



● f /5.6



● f /8.0



☒ S1 : 10 lp/mm-Sagittal

☒ T1 : 10 lp/mm-Tangential

☒ S2 : 20 lp/mm-Sagittal

☒ T2 : 20 lp/mm-Tangential

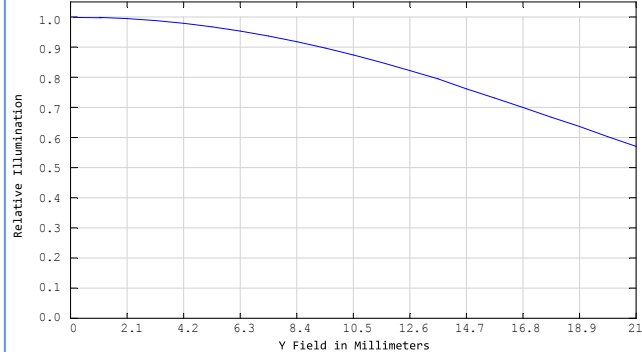
☒ S3 : 40 lp/mm-Sagittal

☒ T3 : 40 lp/mm-Tangential

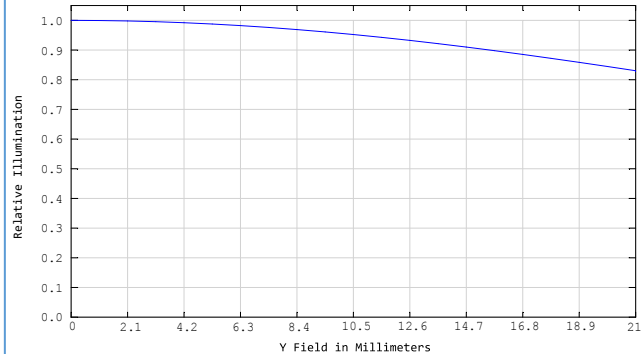
● Vignetting

$\beta' = 0.33X$, W.D.= 184 mm

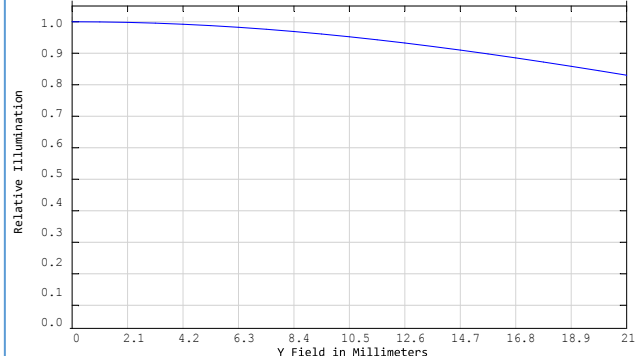
● f /2.8



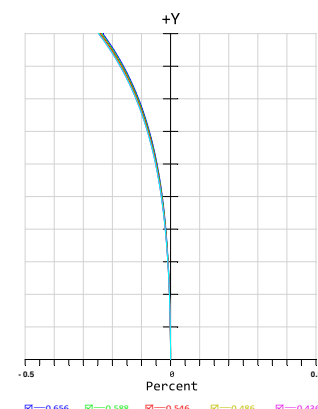
● f /5.6



● f /8.0



● Distortion



f /2.8 , $\beta' = 0.33X$

W.D.= 184 mm

● Entrance Pupil Position (入瞳位置) : -60.82 mm

● Exit Pupil Position (出瞳位置) : -63.88 mm

● 1st Principal Point (第一主点) : -50.31 mm

● 2nd Principal Point (第二主点) : -65.81 mm

(*:Measured with respect to Image Plane, W.D.= 184 mm)