

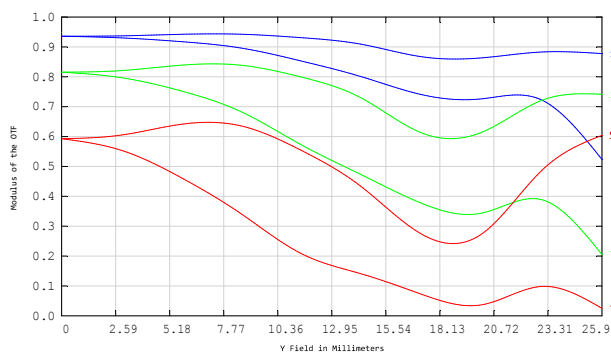
Coloretto Series Line Scan Lenses

#OPT-VCT60/4.0-0.17X $\beta' = 0.04X \sim 0.33X$ F4.0 IMA= 63 mm EFFL= 61.5 mm

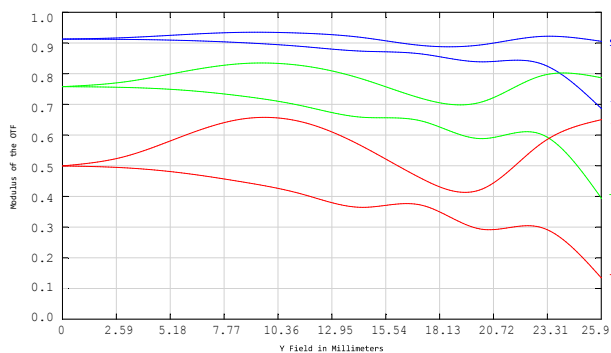
● Modulation Transfer Function(MTF)

$\beta' = 0.04X$, W.D.= 1528 mm

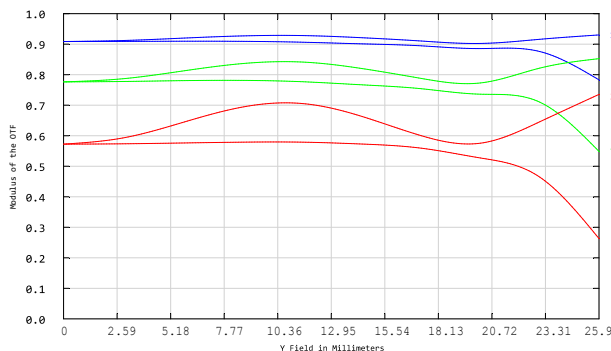
● f /4.0



● f /5.6



● f /8.0

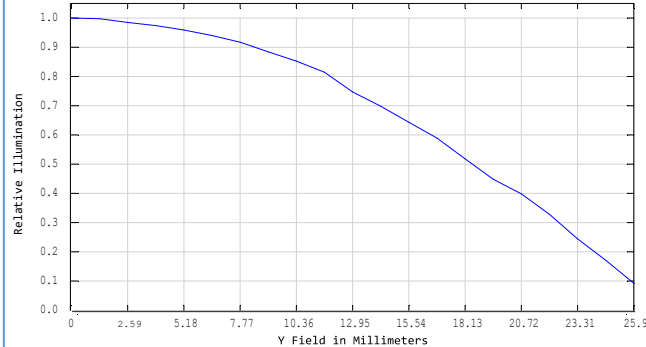


- ☒ S1 : 10 lp/mm-Sagittal
- ☒ S2 : 20 lp/mm-Sagittal
- ☒ S3 : 40 lp/mm-Sagittal
- ☒ T1 : 10 lp/mm-Tangential
- ☒ T2 : 20 lp/mm-Tangential
- ☒ T3 : 40 lp/mm-Tangential

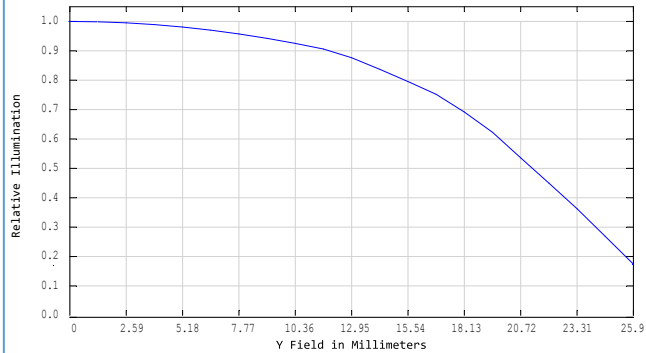
● Vignetting

$\beta' = 0.04X$, W.D.= 1528mm

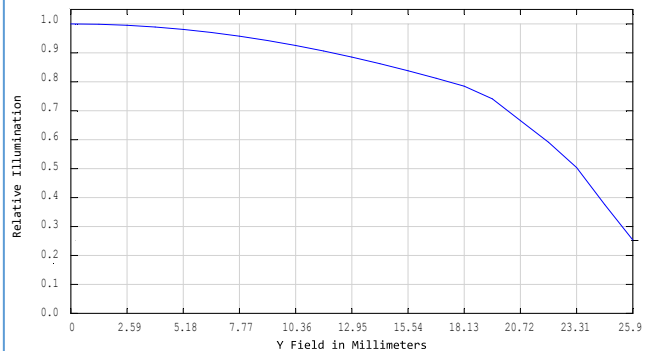
● f /4.0



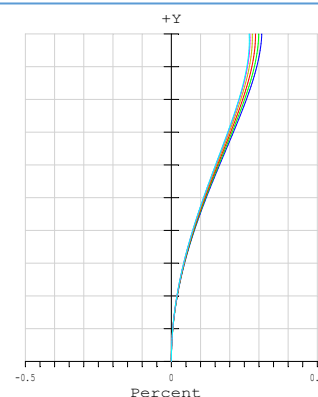
● f /5.6



● f /8.0



● Distortion



f /4.0 , $\beta' = 0.04X$

W.D.= 1528 mm

● Entrance Pupil Position (入瞳位置) : -58.74 mm

● Exit Pupil Position (出瞳位置) : -64.70 mm

● 1st Principal Point (第一主点) : -39.06 mm

● 2nd Principal Point (第二主点) : -63.83 mm

(*:Measured with respect to Image Plane, W.D.= 1528 mm)

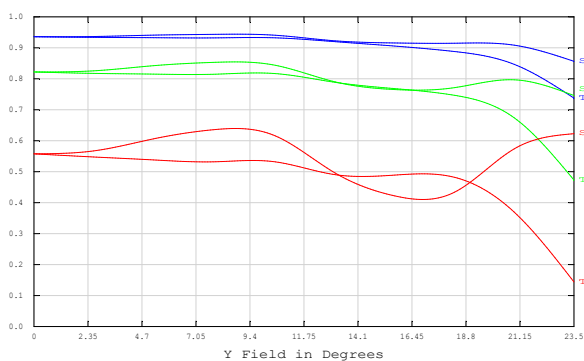
Coloretto Series Line Scan Lenses

#OPT-VCT60/4.0-0.17X $\beta' = 0.04X \sim 0.33X$ F4.0 IMA= 63 mm EFFL= 61.5 mm

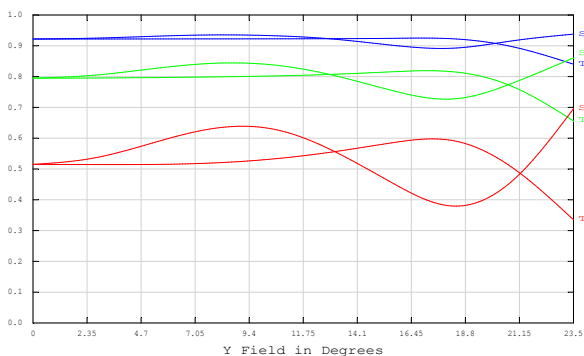
● Modulation Transfer Function(MTF)

$\beta' = 0.17X$, W.D.= 394 mm

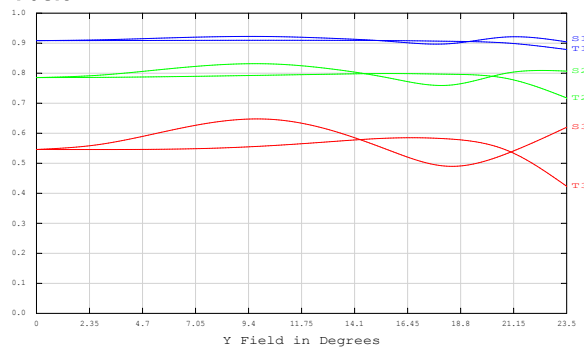
● f /4.0



● f /5.6



● f /8.0

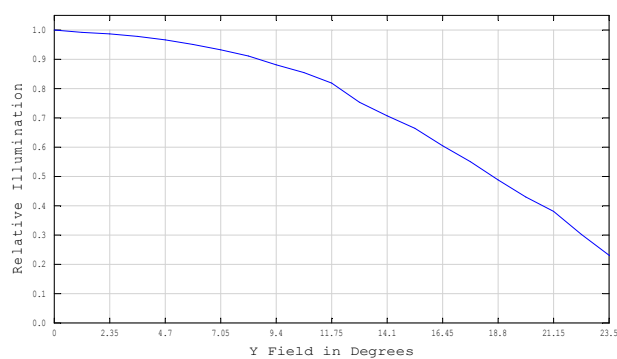


- ☒ S1 : 10 lp/mm-Sagittal
- ☒ T1 : 10 lp/mm-Tangential
- ☒ S2 : 20 lp/mm-Sagittal
- ☒ T2 : 20 lp/mm-Tangential
- ☒ S3 : 40 lp/mm-Sagittal
- ☒ T3 : 40 lp/mm-Tangential

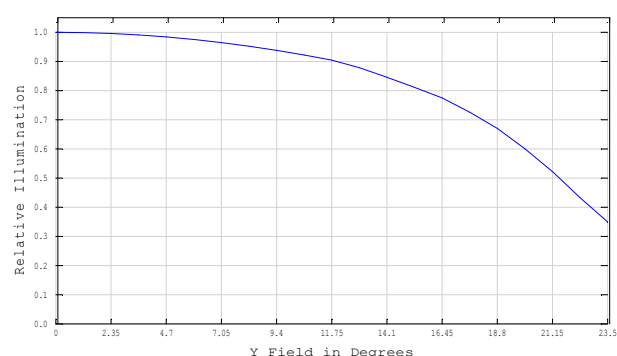
● Vignetting

$\beta' = 0.17X$, W.D.= 394 mm

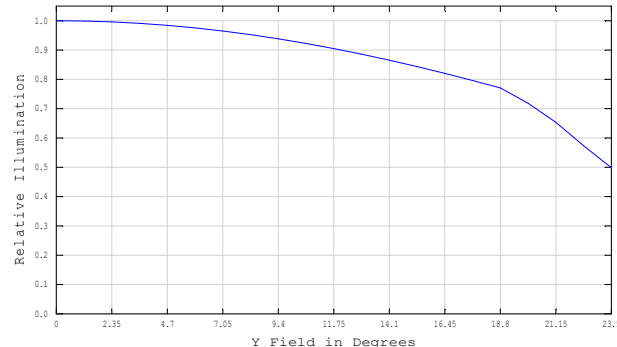
● f /4.0



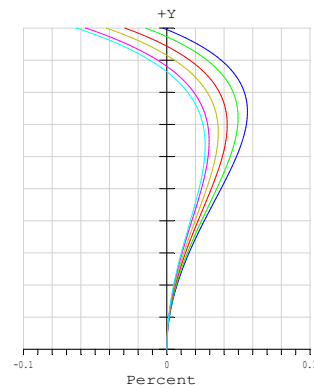
f /5.6



● f /8.0



● Distortion



f /4.0 , $\beta' = 0.17X$

W.D.= 394 mm

● Entrance Pupil Position (入瞳位置) : -66.63 mm

● Exit Pupil Position (出瞳位置) : -72.59 mm

● 1st Principal Point (第一主点) : -46.95 mm

● 2nd Principal Point (第二主点) : -71.72 mm

(*:Measured with respect to Image Plane, W.D.= 394 mm)

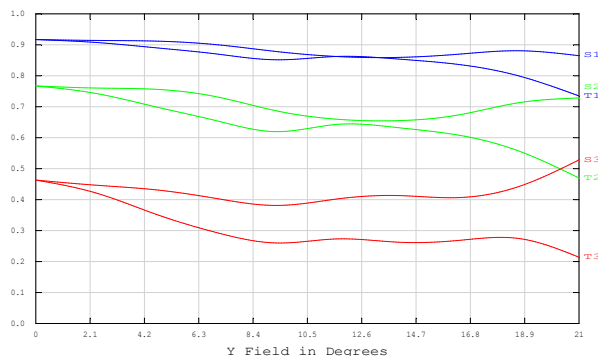
Coloretto Series Line Scan Lenses

#OPT-VCT60/4.0-0.17X $\beta' = 0.04X \sim 0.33X$ F4.0 IMA= 63 mm EFFL= 61.5 mm

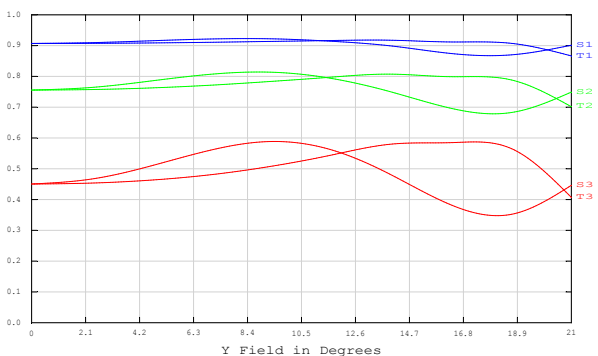
● Modulation Transfer Function(MTF)

$\beta' = 0.33X$, W.D.= 217 mm

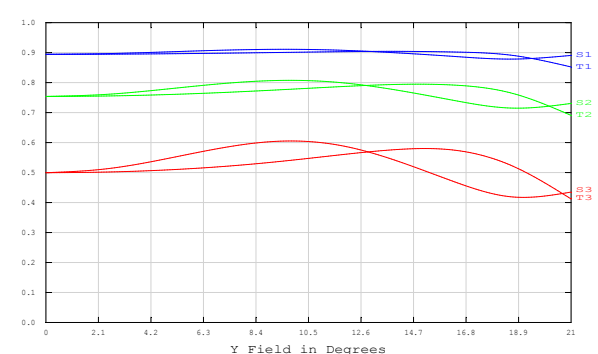
● f /4.0



● f /5.6



● f /8.0

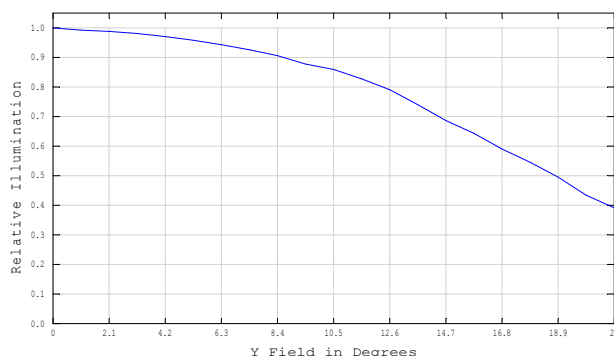


- ☒ S1 : 10 lp/mm-Sagittal
- ☒ T1 : 10 lp/mm-Tangential
- ☒ S2 : 20 lp/mm-Sagittal
- ☒ T2 : 20 lp/mm-Tangential
- ☒ S3 : 40 lp/mm-Sagittal
- ☒ T3 : 40 lp/mm-Tangential

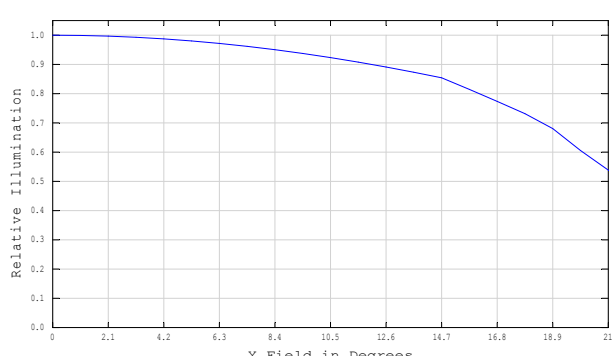
● Vignetting

$\beta' = 0.33X$, W.D.= 217 mm

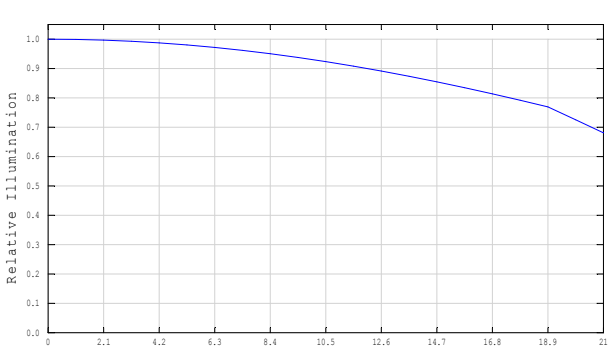
● f /4.0



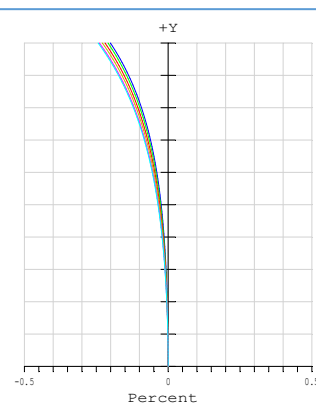
● f /5.6



● f /8.0



● Distortion



f /4.0 , $\beta' = 0.33X$

W.D.= 217 mm

● Entrance Pupil Position (入瞳位置) : -76.62 mm

● Exit Pupil Position (出瞳位置) : -82.58 mm

● 1st Principal Point (第一主点) : -56.94 mm

● 2nd Principal Point (第二主点) : -81.71 mm

(*:Measured with respect to Image Plane, W.D.= 217)