

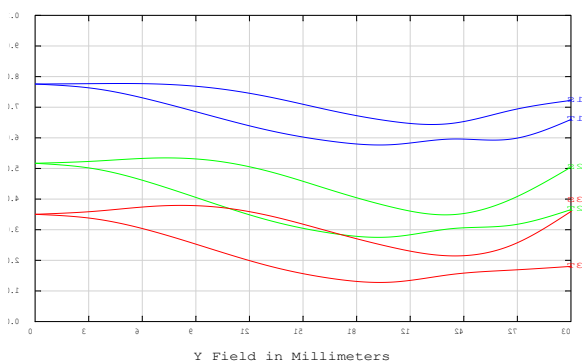
Coloretto Series Line Scan Lenses

#OPT-VCT80/5.6-0.10X $\beta' = 0.04X \sim 0.25X$ F5.6 IMA= 60 mm EFFL= 80 mm

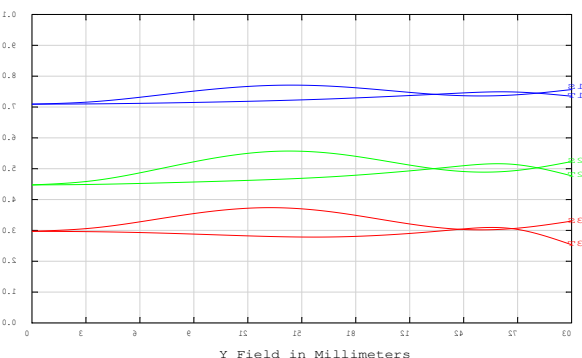
● Modulation Transfer Function(MTF)

$\beta' = 0.04X$, W.D.= 2052 mm

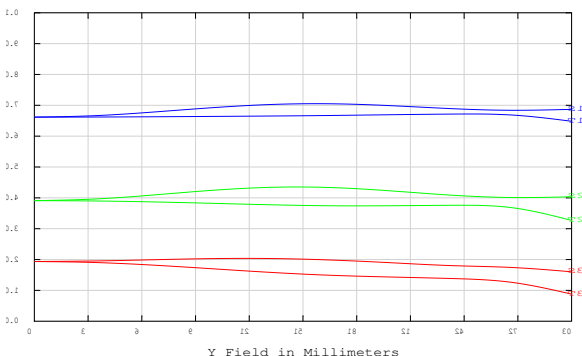
● f /5.6



● f /8.0



● f /11.0

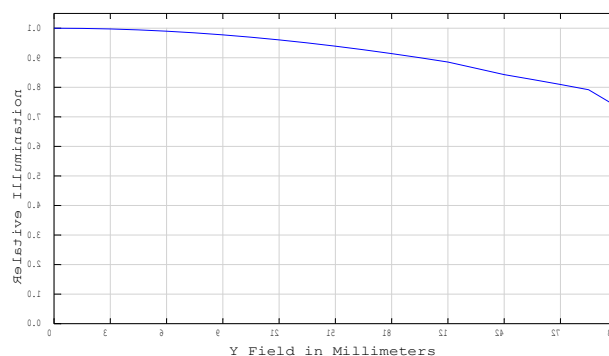


- | | |
|---|---|
| ☒ S1 : 33 lp/mm-Sagittal | ☒ T1 : 33 lp/mm-Tangential |
| ☒ S2 : 66 lp/mm-Sagittal | ☒ T2 : 66 lp/mm-Tangential |
| ☒ S3 : 100 lp/mm-Sagittal | ☒ T3 : 100 lp/mm-Tangential |

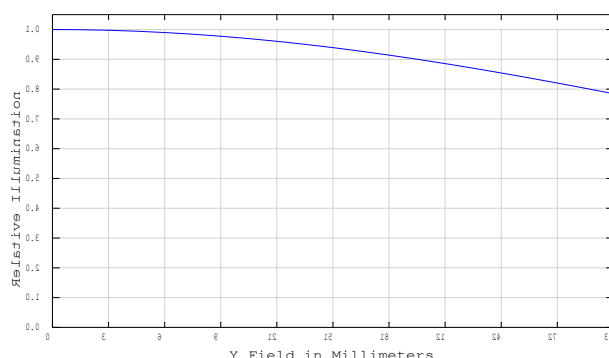
● Vignetting

$\beta' = 0.04X$, W.D.= 2052 mm

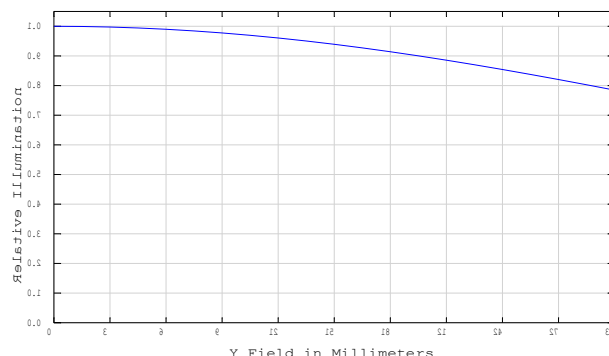
● f /5.6



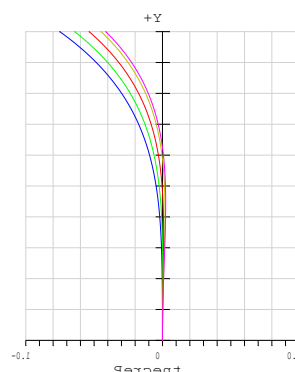
● f /8.0



● f /11.0



● Distortion



f /11.0 , $\beta' = 0.04X$

W.D.= 2052 mm

● Entrance Pupil Position (入瞳位置) : -73.3 mm

● Exit Pupil Position (出瞳位置) : -84.3 mm

● 1st Principal Point (第一主点) : -58.59 mm

● 2nd Principal Point (第二主点) : -83.05 mm

(*:Measured with respect to Image Plane, W.D.= 2052 mm)

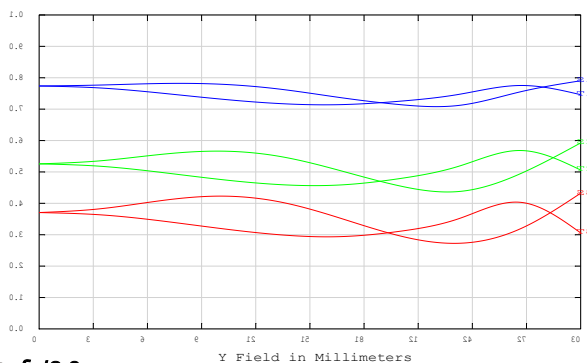
Coloretto Series Line Scan Lenses

#OPT-VCT80/5.6-0.10X $\beta' = 0.04X \sim 0.25X$ F5.6 IMA= 60 mm EFFL= 80 mm

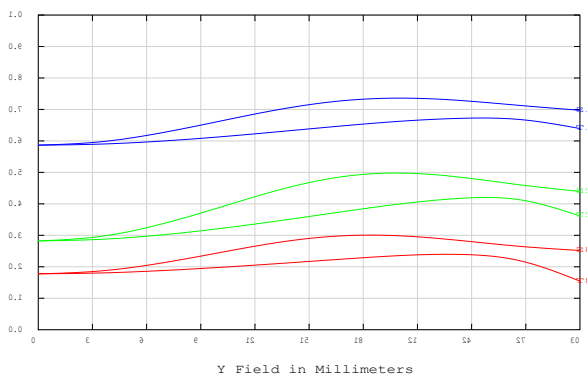
● Modulation Transfer Function(MTF)

$\beta' = 0.10X$, W.D.= 852 mm

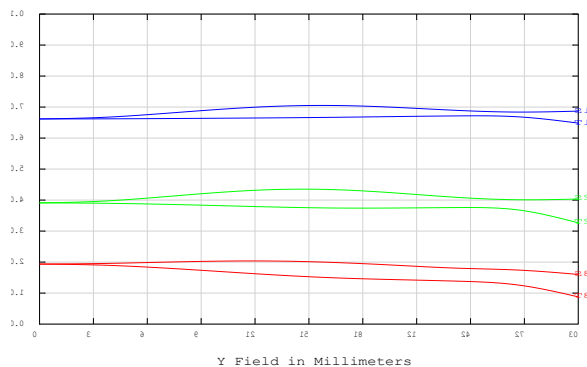
● f /5.6



● f /8.0



● f /11.0

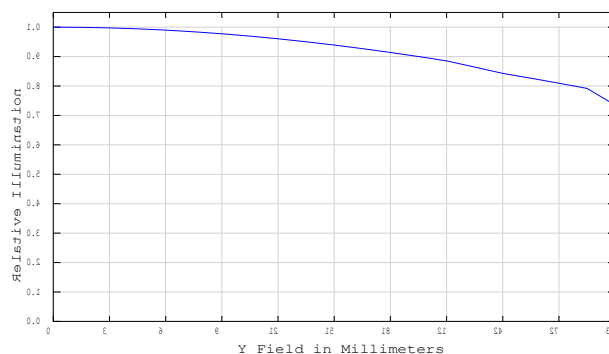


- | | |
|---|---|
| ☒ S1 : 33 lp/mm-Sagittal | ☒ T1 : 33 lp/mm-Tangential |
| ☒ S2 : 66 lp/mm-Sagittal | ☒ T2 : 66 lp/mm-Tangential |
| ☒ S3 : 100 lp/mm-Sagittal | ☒ T3 : 100 lp/mm-Tangential |

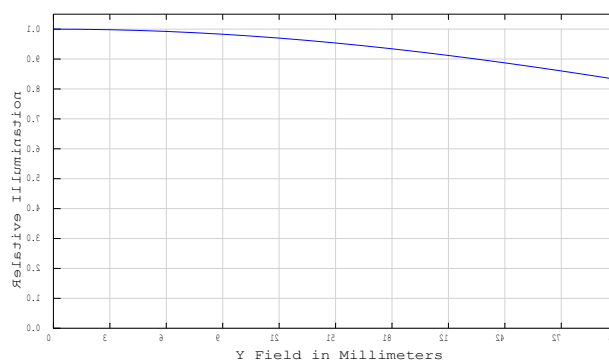
● Vignetting

$\beta' = 0.10X$, W.D.= 852 mm

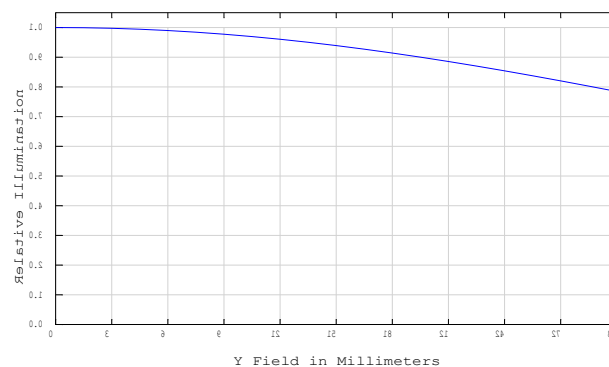
● f /5.6



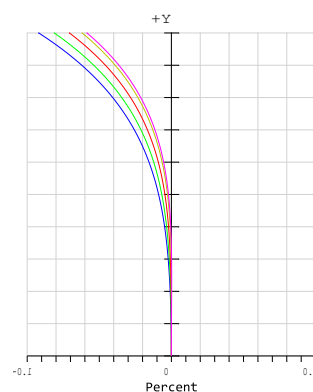
f /8.0



● f /11.0



● Distortion



f /11.0 , $\beta' = 0.10X$

W.D.= 852 mm

● Entrance Pupil Position (入瞳位置) : -78.11 mm

● Exit Pupil Position (出瞳位置) : -89.11 mm

● 1st Principal Point (第一主点) : -63.40 mm

● 2nd Principal Point (第二主点) : -87.86 mm

(*:Measured with respect to Image Plane, W.D.= 852 mm)

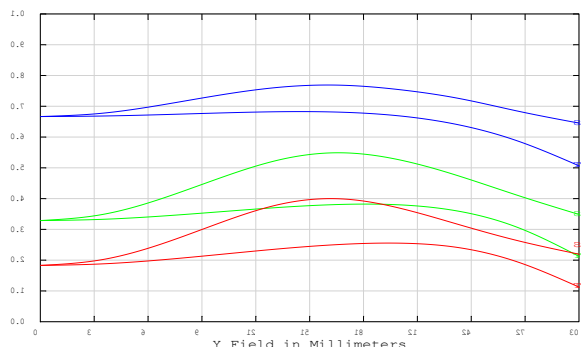
Coloretto Series Line Scan Lenses

#OPT-VCT80/5.6-0.10X $\beta' = 0.04X \sim 0.25X$ F5.6 IMA= 60 mm EFFL= 80 mm

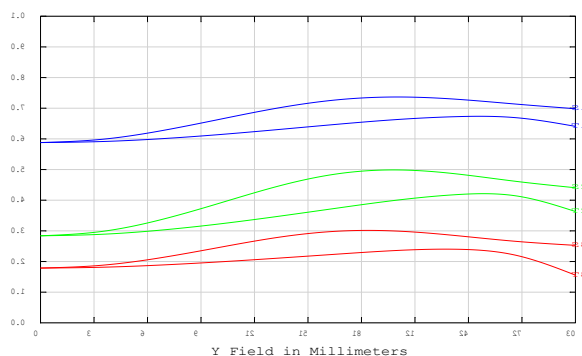
● Modulation Transfer Function(MTF)

$\beta' = 0.25X$, W.D.= 372 mm

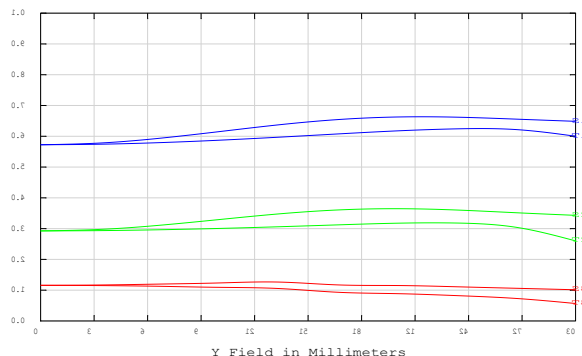
● f /5.6



● f /8.0



● f /11.0

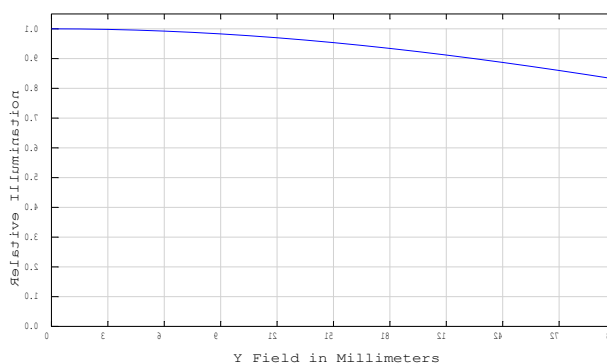


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|--|--|
| ☒ S1 : 33 lp/mm-Sagittal | ☒ T1 : 33 lp/mm-Tangential |
| ☒ S2 : 60 lp/mm-Sagittal | ☒ T2 : 60 lp/mm-Tangential |
| ☒ S3 : 90 lp/mm-Sagittal | ☒ T3 : 90 lp/mm-Tangential |

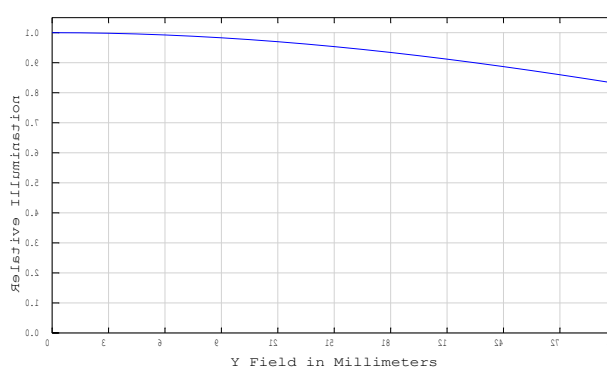
● Vignetting

$\beta' = 0.25X$, W.D.= 372 mm

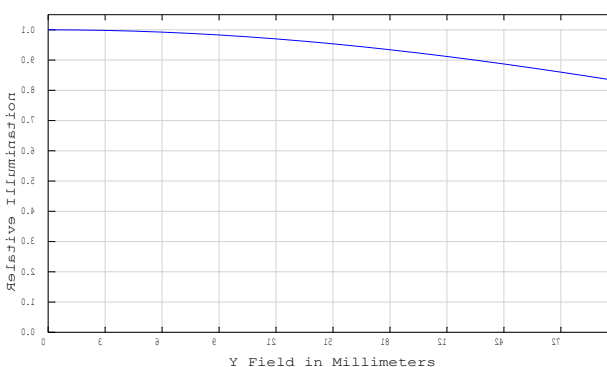
● f /5.6



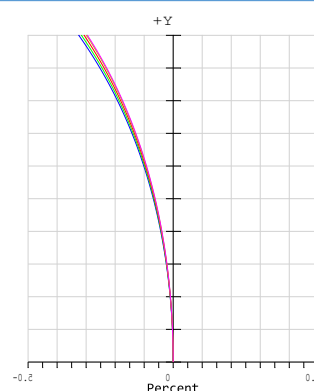
● f /8.0



● f /11.0



● Distortion



f /11.0 , $\beta' = 0.25X$

W.D.= 372 mm

- Entrance Pupil Position (入瞳位置) : -90.04 mm
 - Exit Pupil Position (出瞳位置) : -101.04 mm
 - 1st Principal Point (第一主点) : -75.33 mm
 - 2nd Principal Point (第二主点) : -99.78 mm
- (*:Measured with respect to Image Plane, W.D.= 372 mm)