

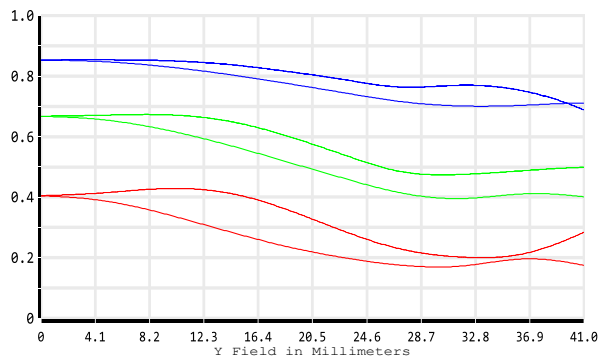
Grampus Series Line Scan Lenses

#OPT-VGP116/4.2-0.26X $\beta' = 0.22-0.30X$ F4.2 IMA= 82 mm EFFL= 116 mm

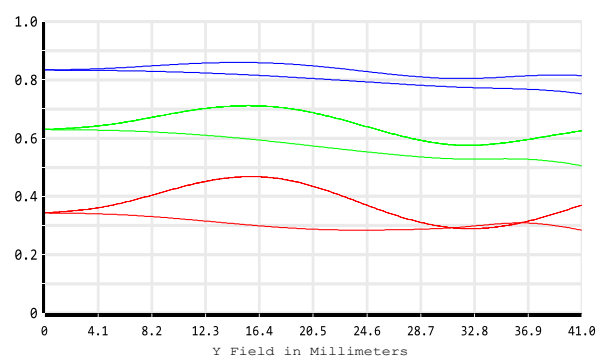
● Modulation Transfer Function(MTF)

$\beta' = 0.22X$, W.D.= 586.8 mm

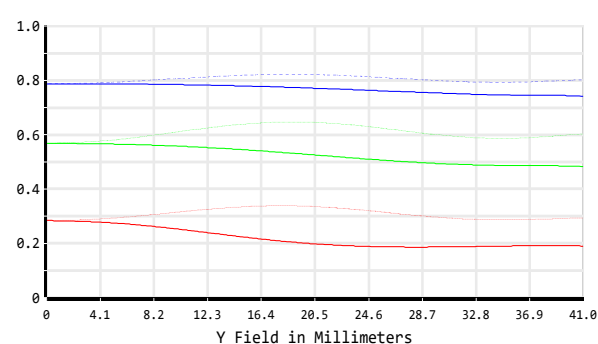
● f /4.2



● f /5.6



● f /8.0



- ☒ S1 : 25 lp/mm-Sagittal
- ☒ T1 : 25 lp/mm-Tangential
- ☒ S2 : 50 lp/mm-Sagittal
- ☒ T2 : 50 lp/mm-Tangential
- ☒ S3 : 100 lp/mm-Sagittal
- ☒ T3 : 100 lp/mm-Tangential

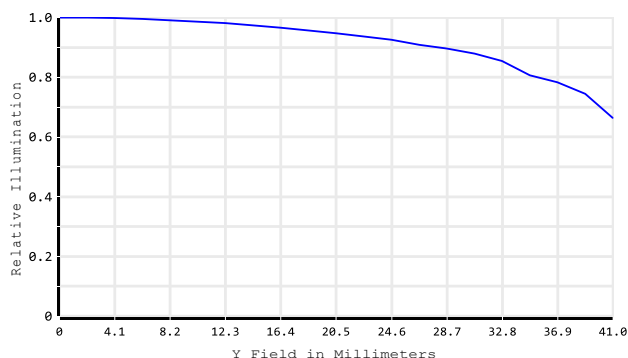
- Entrance Pupil Position (入瞳位置) : -101.47 mm
- Exit Pupil Position (出瞳位置) : -136.10 mm
- 1st Principal Point (第一主点) : -106.97 mm
- 2nd Principal Point (第二主点) : -141.35 mm

(*:Measured with respect to Image Plane, W.D.= 586.8 mm)

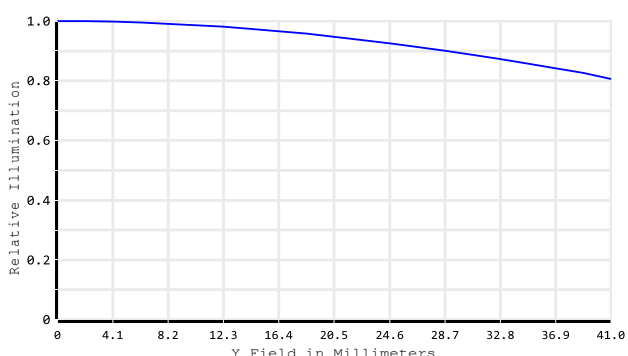
● Vignetting

$\beta' = 0.22X$, W.D.= 586.8 mm

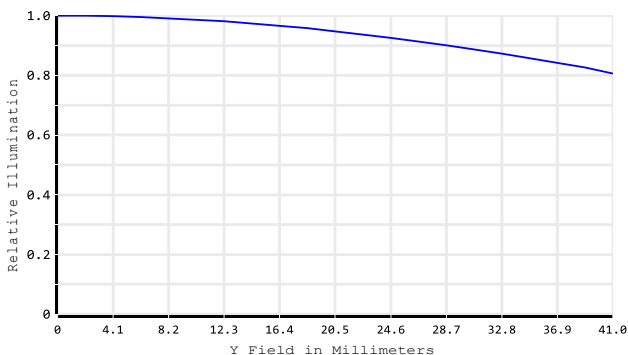
● f /4.2



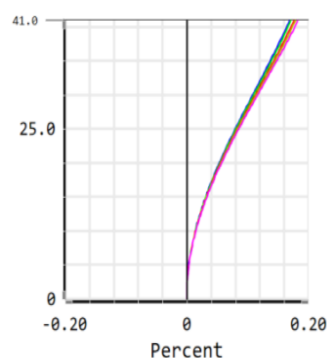
● f /5.6



● f /8.0



● Distortion



$\beta' = 0.22X$

W.D.=586.8 mm

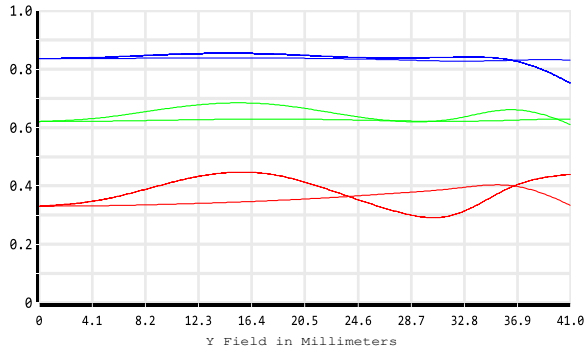
Grampus Series Line Scan Lenses

#OPT-VGP116/4.2-0.26X $\beta' = 0.22X \sim 0.30X$ F4.2 IMA= 82 mm EFFL= 116 mm

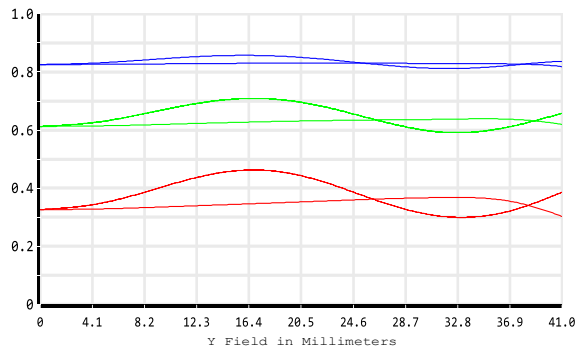
● Modulation Transfer Function(MTF)

$\beta' = 0.26X$, W.D.=504.8 mm

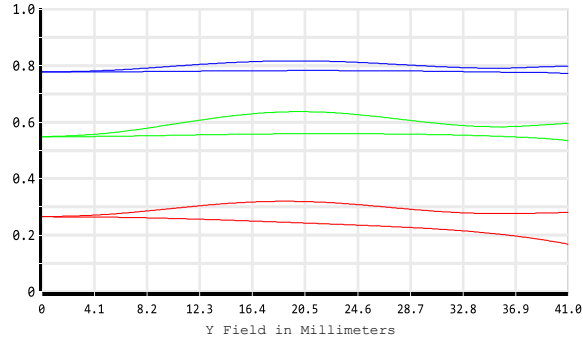
● f /4.2



● f /5.6



● f /8.0

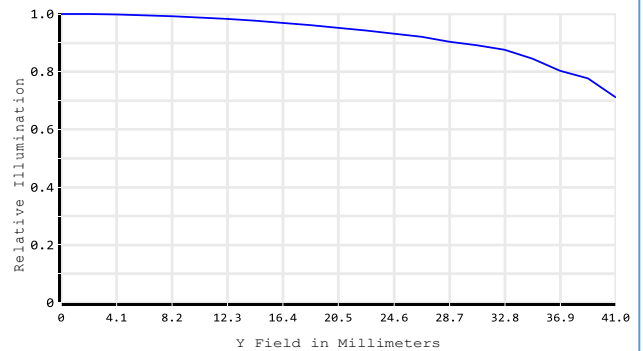


- | | |
|---|---|
| ☒ S1 : 25 lp/mm-Sagittal | ☒ T1 : 25 lp/mm-Tangential |
| ☒ S2 : 50 lp/mm-Sagittal | ☒ T2 : 50 lp/mm-Tangential |
| ☒ S3 : 100 lp/mm-Sagittal | ☒ T3 : 100 lp/mm-Tangential |

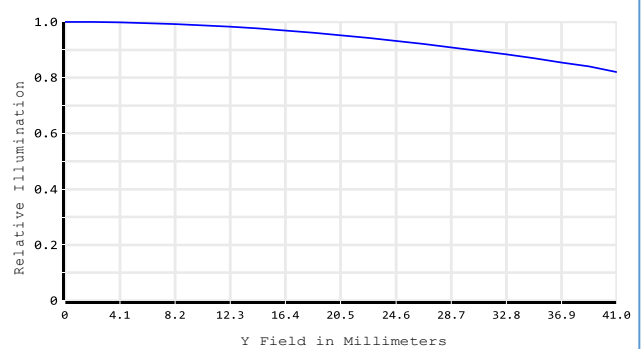
● Vignetting

$\beta' = 0.26X$, W.D.=504.8 mm

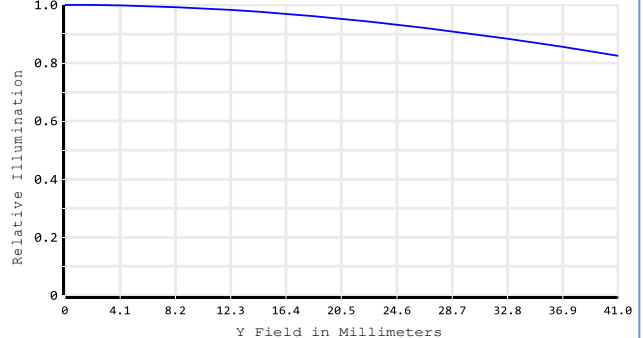
● f /5.6



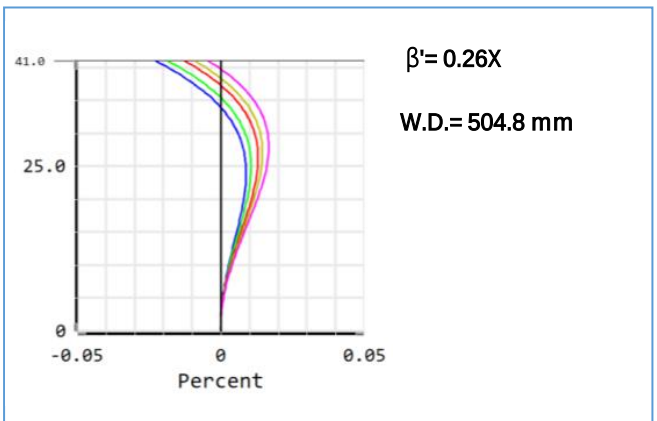
f /5.6



● f /8.0



● Distortion



● Entrance Pupil Position (入瞳位置) : -106.11 mm

● Exit Pupil Position (出瞳位置) : -140.74 mm

● 1st Principal Point (第一主点) : -111.61 mm

● 2nd Principal Point (第二主点) : -145.99 mm

(*:Measured with respect to Image Plane, W.D.= 504.8 mm)

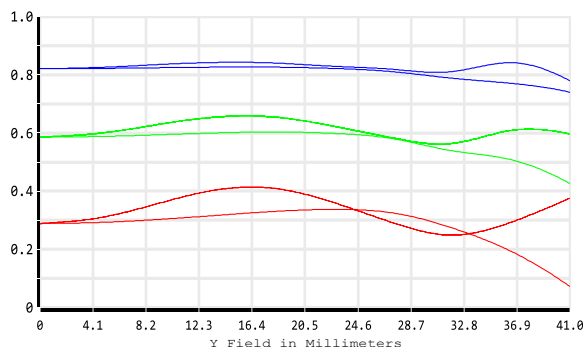
Grampus Series Line Scan Lenses

#OPT-VGP116/4.2-0.26X $\beta' = 0.22X \sim 0.30X$ F4.2 IMA= 82 mm EFFL= 116 mm

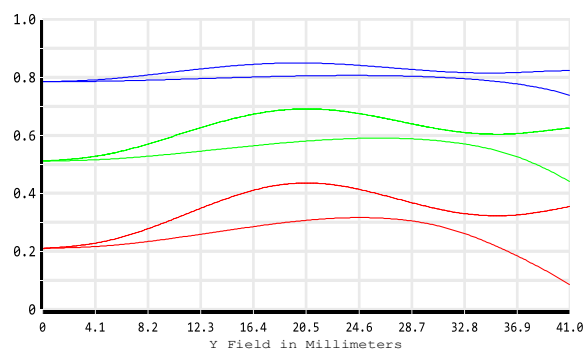
● Modulation Transfer Function(MTF)

$\beta' = 0.30X$, W.D.= 444.8 mm

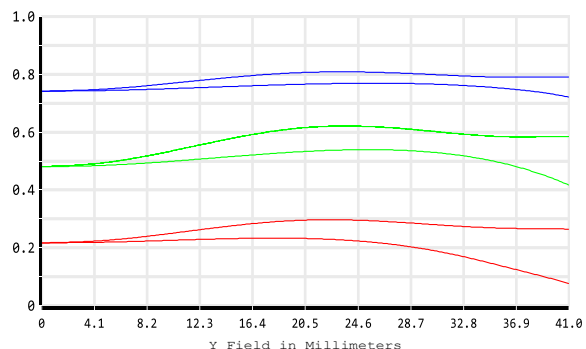
● f /4.2



● f /5.6



● f /8.0

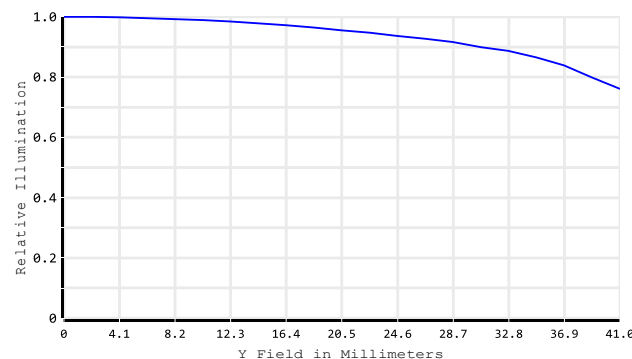


- | | |
|---|---|
| ☒ S1 : 25 lp/mm-Sagittal | ☒ T1 : 25 lp/mm-Tangential |
| ☒ S2 : 50 lp/mm-Sagittal | ☒ T2 : 50 lp/mm-Tangential |
| ☒ S3 : 100 lp/mm-Sagittal | ☒ T3 : 100 lp/mm-Tangential |

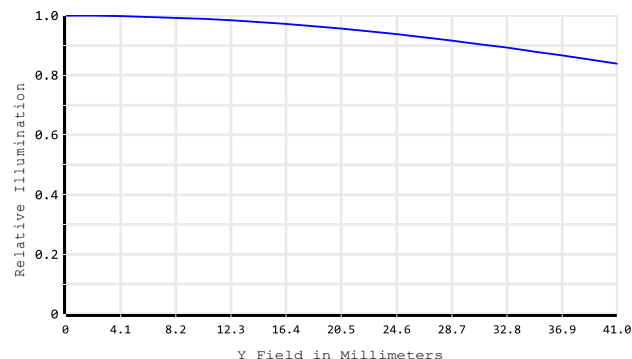
● Vignetting

$\beta' = 0.30X$, W.D.= 444.8 mm

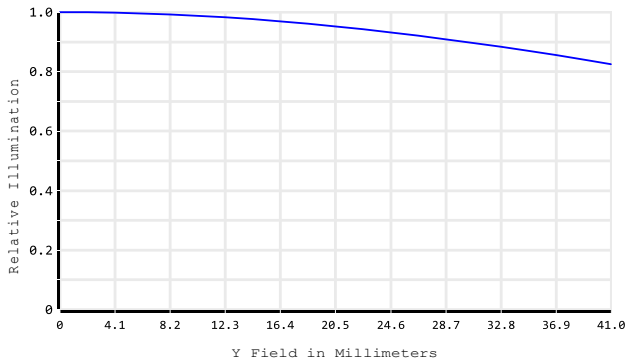
● f /4.2



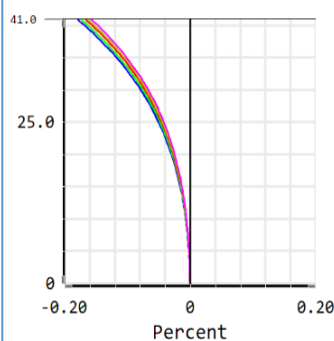
f /5.6



● f /8.0



● Distortion



$\beta' = 0.30X$

W.D.= 444.8 mm

● Entrance Pupil Position (入瞳位置) : -110.79 mm

● Exit Pupil Position (出瞳位置) : -145.42 mm

● 1st Principal Point (第一主点) : -116.29 mm

● 2nd Principal Point (第二主点) : -150.67 mm

(*:Measured with respect to Image Plane, W.D.= 444.8 mm)