

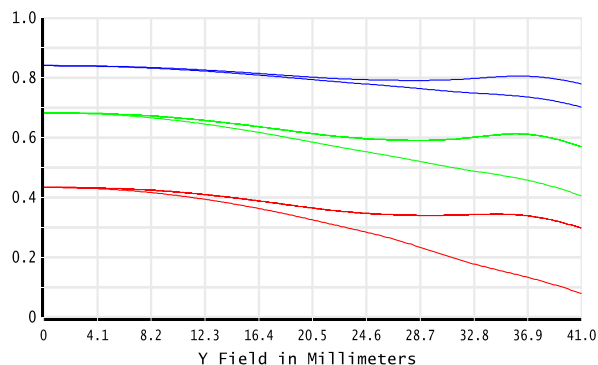
Grampus Series Line Scan Lenses

#OPT-VGP116/3.2-1.5X $\beta' = 1.43X \sim 1.56X$ F3.2 IMA= 82 mm EFFL= 116 mm

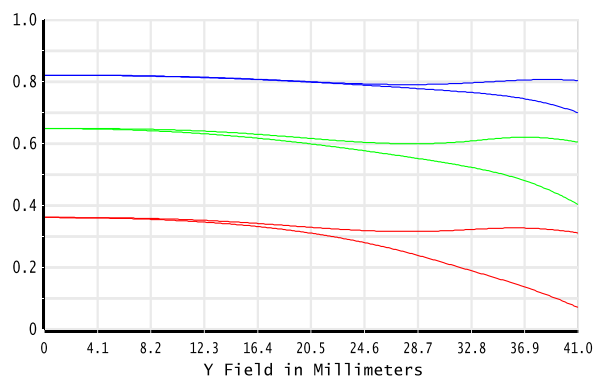
● Modulation Transfer Function(MTF)

$\beta' = 1.43X$, W.D.= 140.2 mm

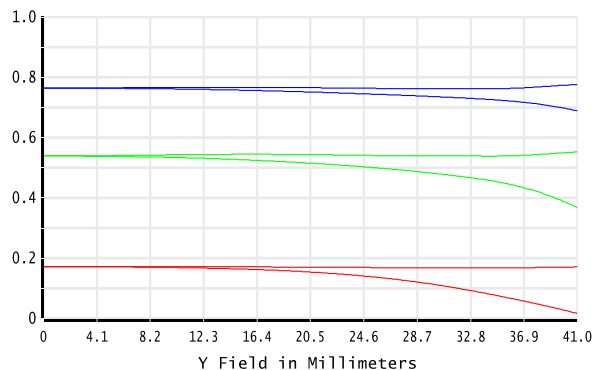
● f /3.2



● f /4.0



● f /5.6

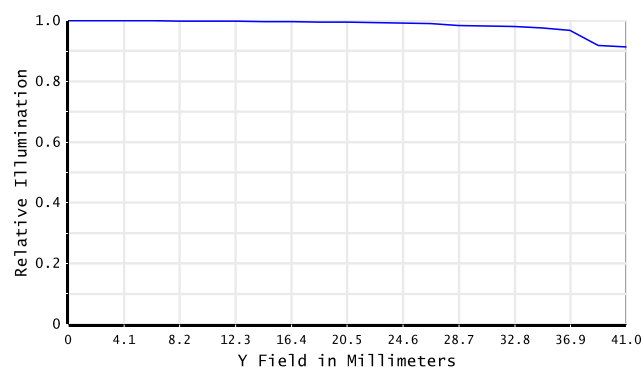


- ☒ S1 : 25 lp/mm-Sagittal
- ☒ T1 : 25 lp/mm-Tangential
- ☒ S2 : 50 lp/mm-Sagittal
- ☒ T2 : 50 lp/mm-Tangential
- ☒ S3 : 100 lp/mm-Sagittal
- ☒ T3 : 100 lp/mm-Tangential

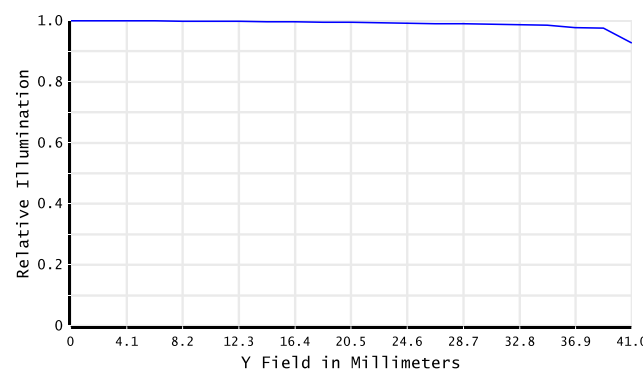
● Vignetting

$\beta' = 1.43X$, W.D.= 140.2 mm

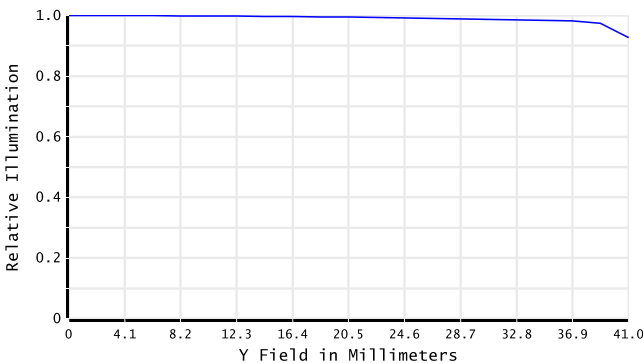
● f /3.2



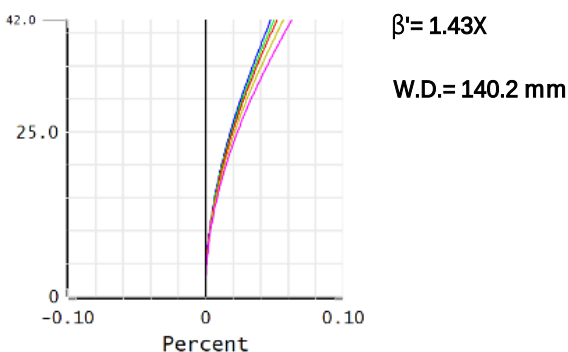
● f /4.0



● f /5.6



● Distortion



● Entrance Pupil Position (入瞳位置) : -253.43 mm

● Exit Pupil Position (出瞳位置) : -285.62 mm

● 1st Principal Point (第一主点) : -221.54 mm

● 2nd Principal Point (第二主点) : -281.75 mm

(*:Measured with respect to Image Plane, W.D.= 140.2 mm)

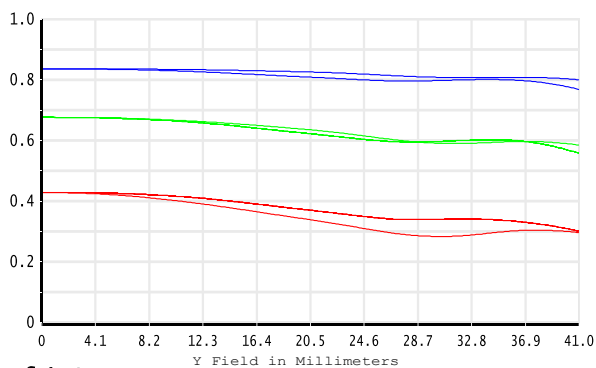
Grampus Series Line Scan Lenses

#OPT-VGP116/3.2-1.5X $\beta' = 1.43X \sim 1.56X$ F3.2 IMA= 82 mm EFFL= 116 mm

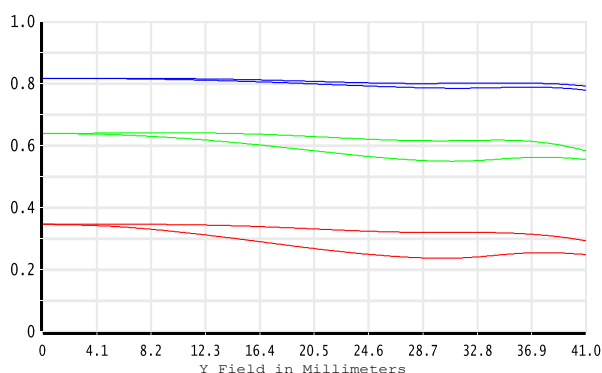
● Modulation Transfer Function(MTF)

$\beta' = 1.5X$, W.D.= 136.4 mm

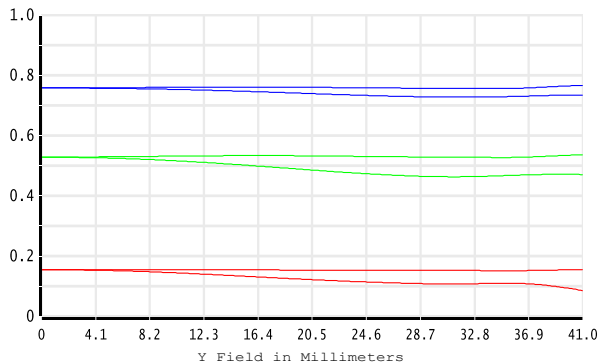
● f /3.2



● f /4.0



● f /5.6

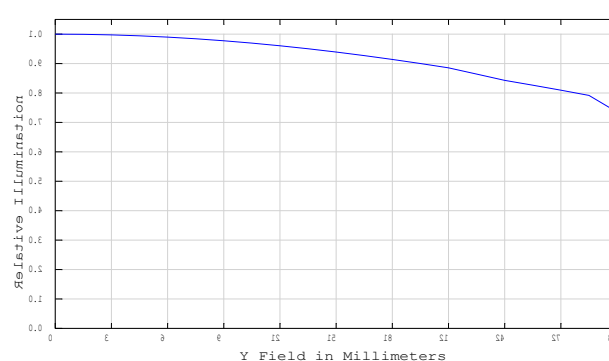


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- ☒ S2 : 50 lp/mm-Sagittal
- ☒ T2 : 50 lp/mm-Tangential
- ☒ S3 : 100 lp/mm-Sagittal
- ☒ T3 : 100 lp/mm-Tangential

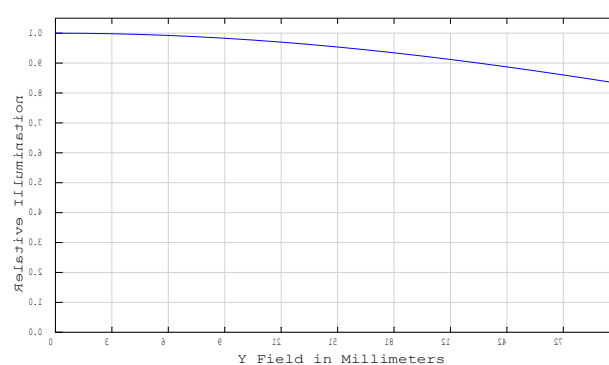
● Vignetting

$\beta' = 1.5X$, W.D.=136.4 mm

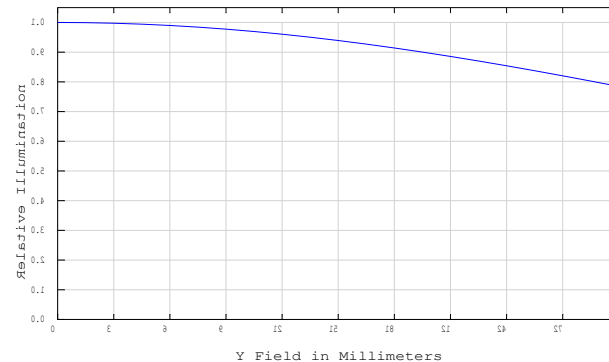
● f /3.2



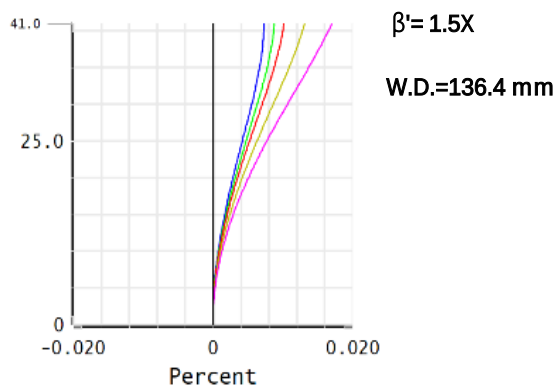
f /4.0



● f /5.6



● Distortion



● Entrance Pupil Position (入瞳位置) : -261.57 mm

● Exit Pupil Position (出瞳位置) : -293.75 mm

● 1st Principal Point (第一主点) : -229.68 mm

● 2nd Principal Point (第二主点) : -289.89 mm

(*:Measured with respect to Image Plane, W.D.= 136.4 mm)

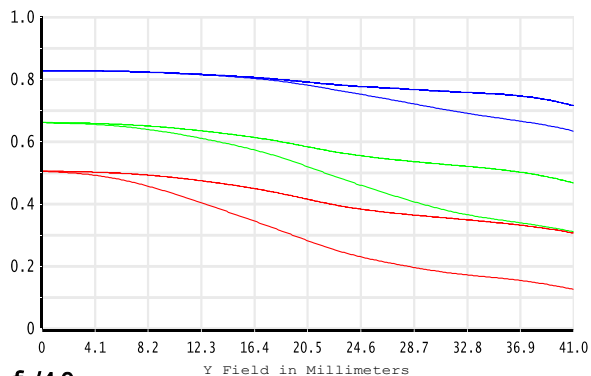
Grampus Series Line Scan Lenses

#OPT-VGP116/3.2-1.5X $\beta' = 1.43X \sim 1.56X$ F3.2 IMA= 82 mm EFFL= 116 mm

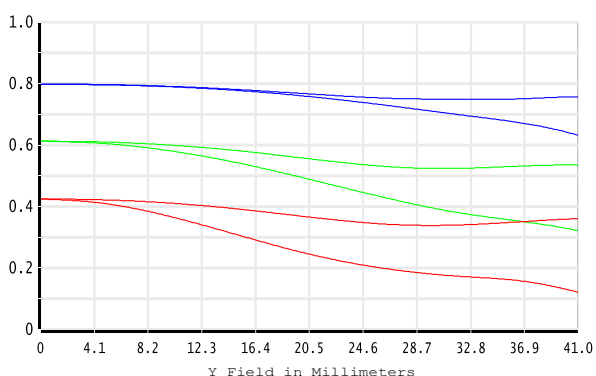
● Modulation Transfer Function(MTF)

$\beta' = 1.56X$, W.D.=133.4 mm

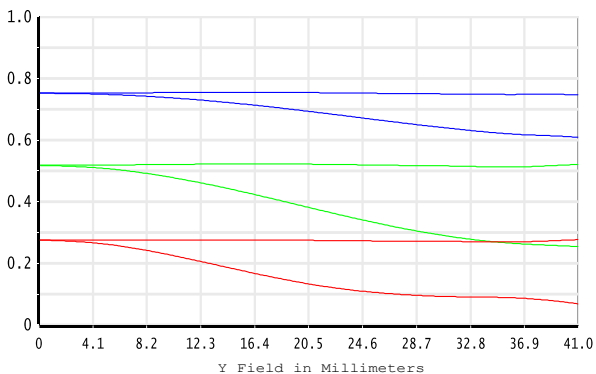
● f /3.2



● f /4.0



● f /5.6

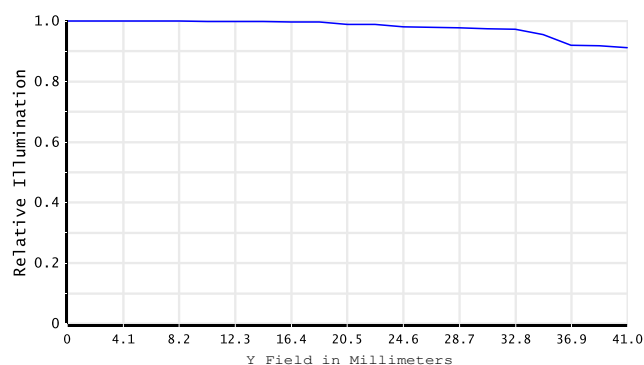


- | | |
|---|---|
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| ☒ S2 : 50 lp/mm-Sagittal | ☒ T2 : 50 lp/mm-Tangential |
| ☒ S3 : 100 lp/mm-Sagittal | ☒ T3 : 100 lp/mm-Tangential |

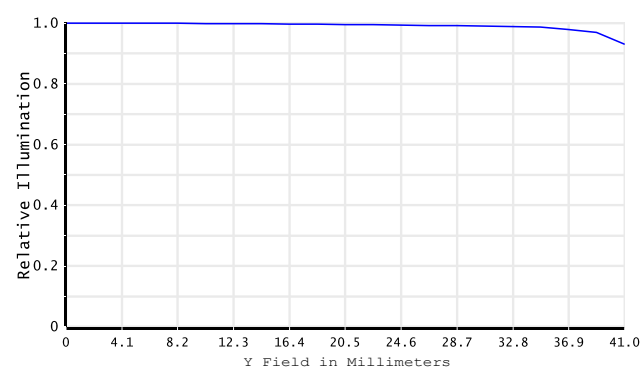
● Vignetting

$\beta' = 1.56X$, W.D.= 133.4 mm

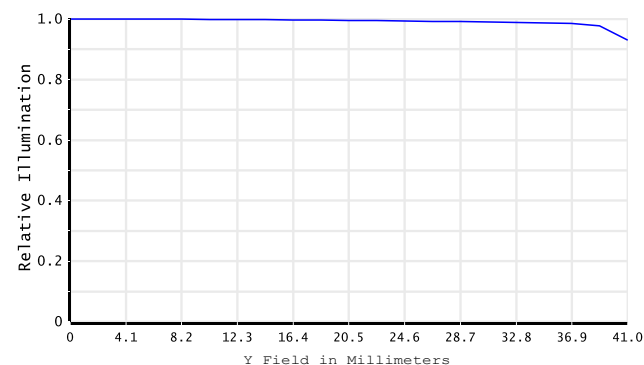
● f /3.2



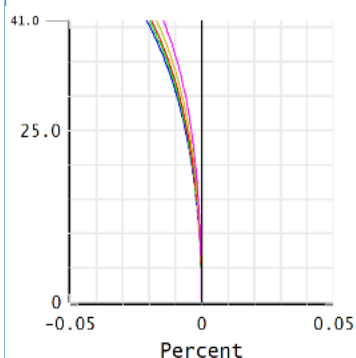
● f /4.0



● f /5.6



● Distortion



$\beta' = 1.56X$

W.D.= 133.4 mm

● Entrance Pupil Position (入瞳位置) : -268.58 mm

● Exit Pupil Position (出瞳位置) : -300.76 mm

● 1st Principal Point (第一主点) : -236.69 mm

● 2nd Principal Point (第二主点) : -296.90 mm

(*:Measured with respect to Image Plane, W.D.= 133.4 mm)