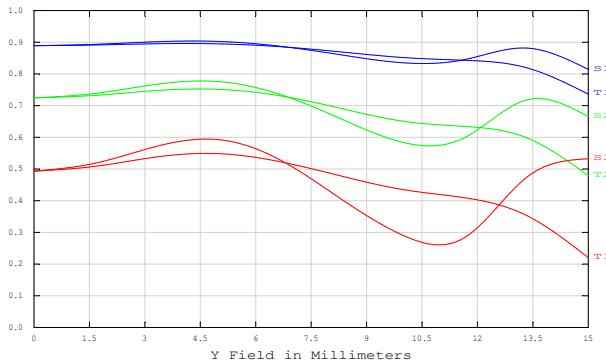


# Coloretto 线扫描镜头

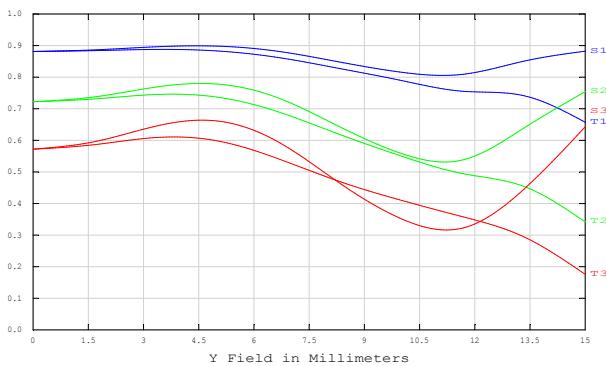
#OPT-VCT20/4.5-0.084X  $\beta' = 0.04X - 0.22X$  F4.5 IMA = 30mm EFFL=21mm

## ● Modulation Transfer Function(MTF)

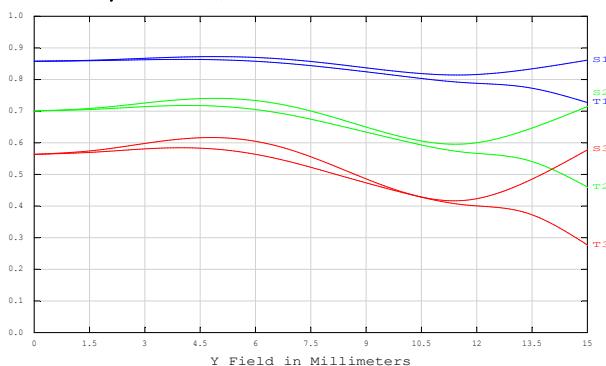
- $f/4.5, \beta' = 0.04X, W.D.=514mm$



- $f/5.6, \beta' = 0.04X, W.D.=514mm$



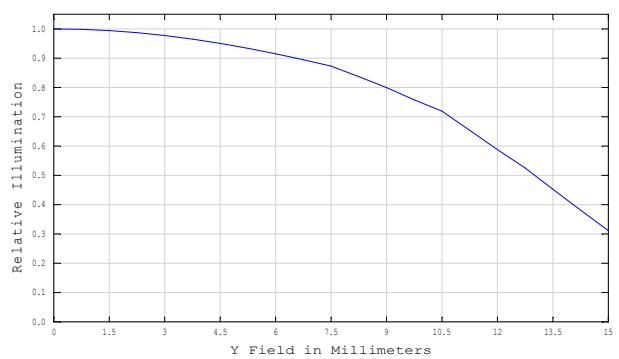
- $f/8.0, \beta' = 0.04X, W.D.=514mm$



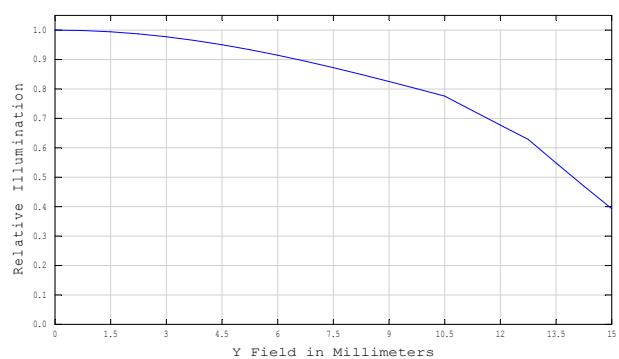
- S1——Sagittal : 20lp/mm     T1——Meridional: 20lp/mm  
 S2——Sagittal : 40lp/mm     T2——Meridional: 40lp/mm  
 S3——Sagittal : 70lp/mm     T3——Meridional: 70lp/mm

## ● Vignetting

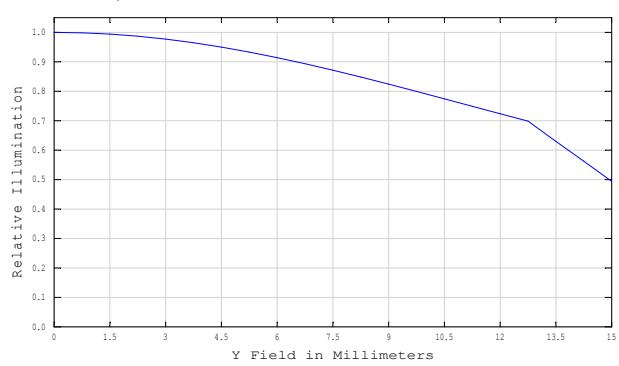
- $f/4.5, \beta' = 0.04X, W.D.=514mm$



- $f/5.6, \beta' = 0.04X, W.D.=514mm$



- $f/8.0, \beta' = 0.04X, W.D.=514mm$



## ● Distortion

$f/4.5, \beta' = 0.04X$   
W.D.=514mm

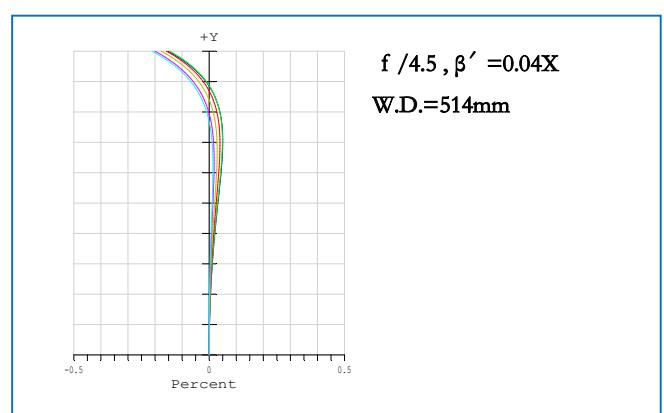
● Entrance Pupil Position (入瞳位置): -34.95mm

● Exit Pupil Position (出瞳位置) : -23.60mm

● 1st Principal Point (第一主点) : -33.28mm

● 2nd Principal Point (第二主点) : -21.78mm

(\*:Measured with respect to Image Plane, W.D.=514mm)

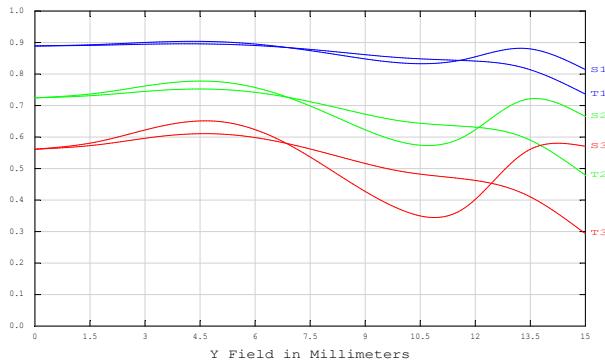


# Coloretto 线扫描镜头

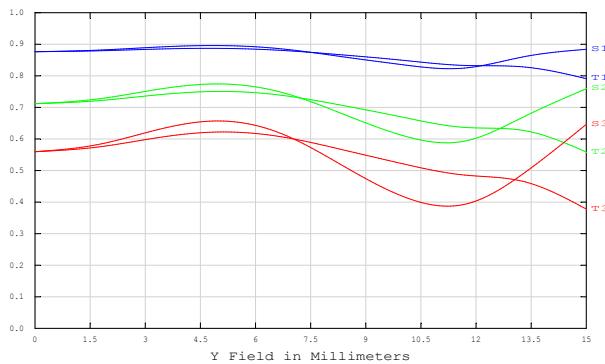
#OPT-VCT20/4.5-0.084X  $\beta' = 0.04X - 0.22X$  F4.5 IMA = 30mm EFFL=21mm

## ● Modulation Transfer Function(MTF)

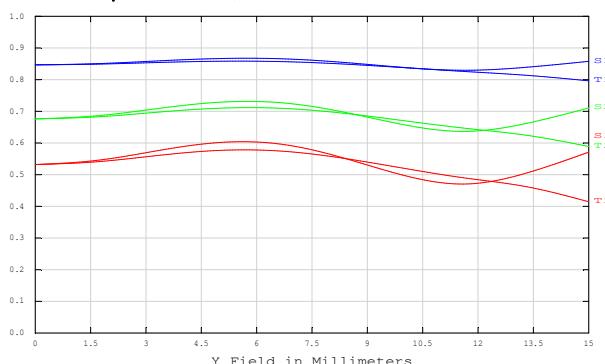
- $f/4.5, \beta' = 0.084X, W.D.=250mm$



- $f/5.6, \beta' = 0.084X, W.D.=250mm$



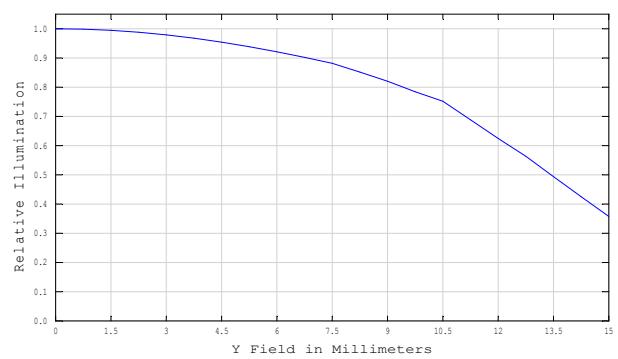
- $f/8.0, \beta' = 0.084X, W.D.=250mm$



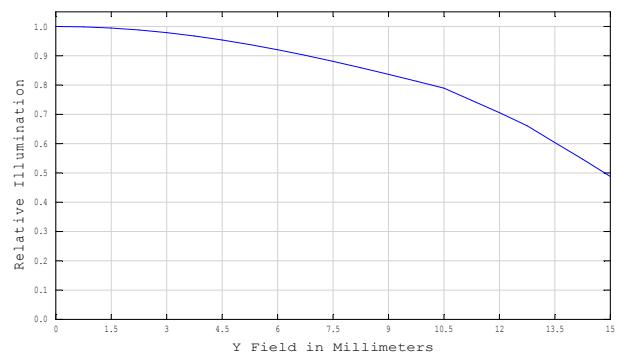
- S1——Sagittal : 20lp/mm     T1——Meridional: 20lp/mm  
 S2——Sagittal : 40lp/mm     T2——Meridional: 40lp/mm  
 S3——Sagittal : 70lp/mm     T3——Meridional: 70lp/mm

## ● Vignetting

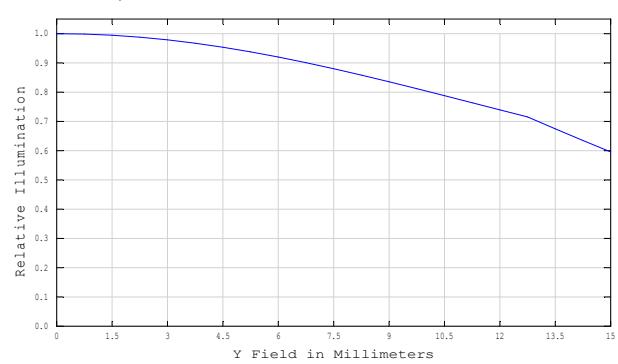
- $f/4.5, \beta' = 0.084X, W.D.=250mm$



- $f/5.6, \beta' = 0.084X, W.D.=250mm$



- $f/8.0, \beta' = 0.084X, W.D.=250mm$



## ● Distortion

$f/4.5, \beta' = 0.10X$   
W.D.=250mm

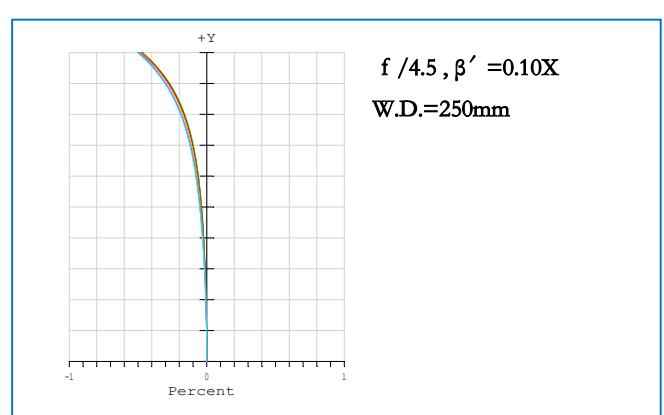
● Entrance Pupil Position (入瞳位置): -35.87mm

● Exit Pupil Position (出瞳位置) : -24.52mm

● 1st Principal Point (第一主点) : -34.20mm

● 2nd Principal Point (第二主点) : -22.70mm

(\*:Measured with respect to Image Plane, W.D. = 250mm)

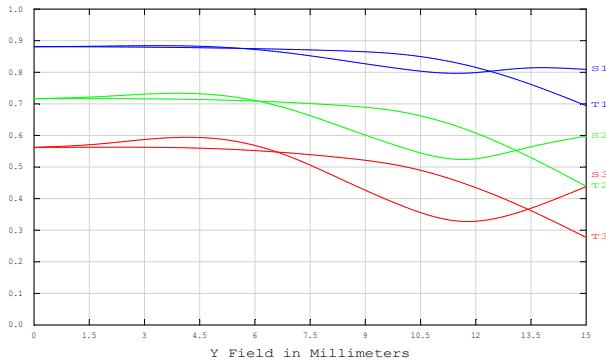


# Coloretto 线扫描镜头

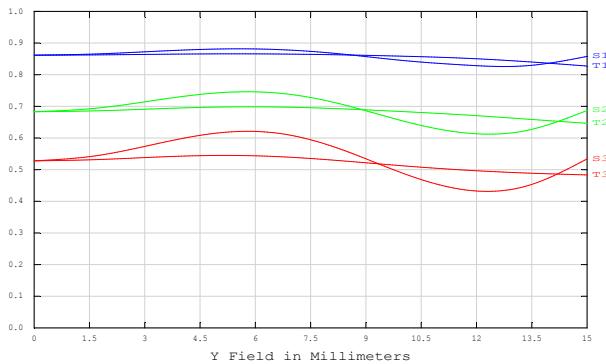
#OPT-VCT20/4.5-0.084X  $\beta' = 0.04X - 0.22X$  F4.5 IMA = 30mm EFL=21mm

## ● Modulation Transfer Function(MTF)

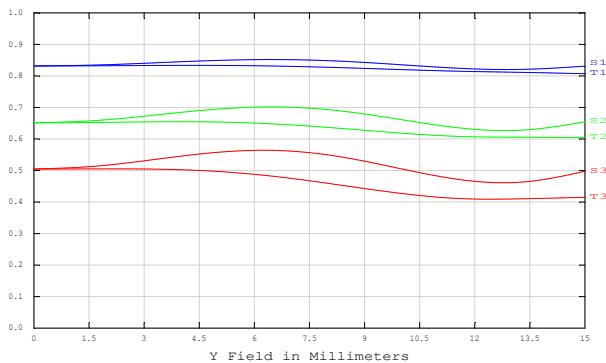
- $f/4.5, \beta' = 0.22X, W.D.=95mm$



- $f/5.6, \beta' = 0.22X, W.D.=95mm$



- $f/8.0, \beta' = 0.22X, W.D.=95mm$



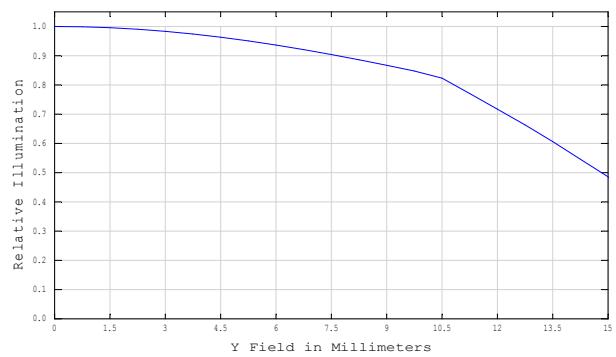
S1——Sagittal : 20lp/mm     T1——Meridional: 20lp/mm

S2——Sagittal : 40lp/mm     T2——Meridional: 40lp/mm

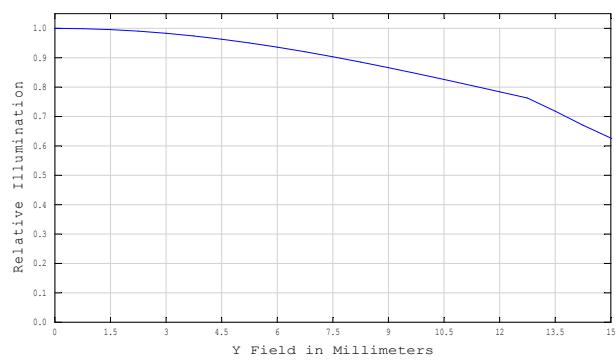
S3——Sagittal : 70lp/mm     T3——Meridional: 70lp/mm

## ● Vignetting

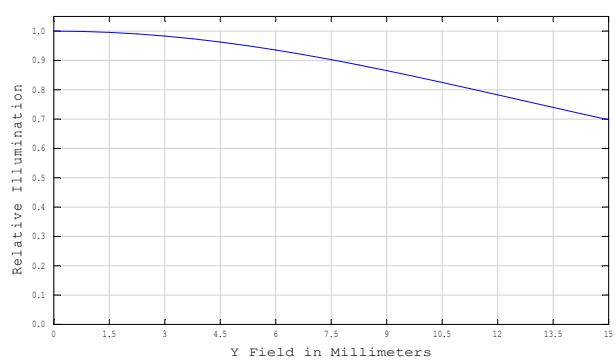
- $f/4.5, \beta' = 0.22X, W.D.=95mm$



- $f/5.6, \beta' = 0.22X, W.D.=95mm$



- $f/8.0, \beta' = 0.22X, W.D.=95mm$



## ● Distortion

● Entrance Pupil Position (入瞳位置): -38.75mm

● Exit Pupil Position (出瞳位置) : -27.40mm

● 1st Principal Point (第一主点) : -37.08mm

● 2nd Principal Point (第二主点) : -25.58mm

(\*:Measured with respect to Image Plane, W.D. = 95mm)

