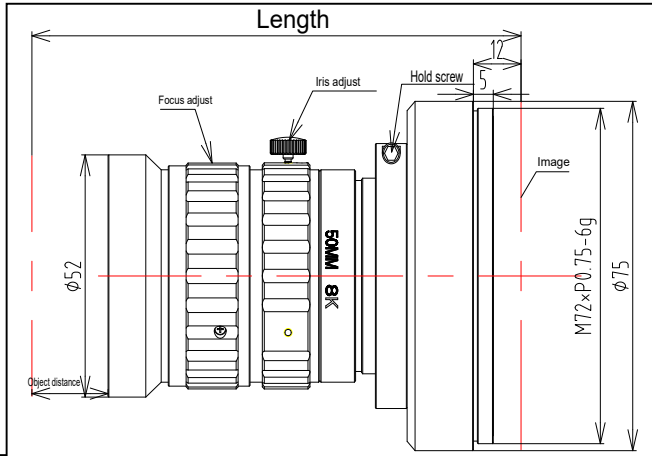


SBS-XS5081-M72 M72 x 0.75



Technical Specifications

Focal Length	50mm
FNO	4 ~ 22
Image Circle	60mm
Magnification	0.07x ~ 0.13x
Transmission	400 ~ 700nm
Mount	M72 x 0.75
Weight	g

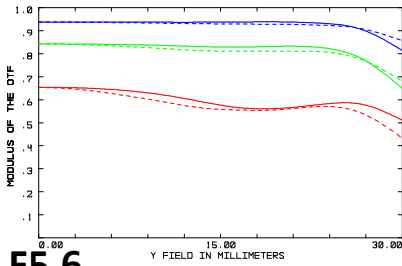
MTF with reference to image height for visible spectrum

Wavelength λ [nm]:	656	587	546	486	435
Spectral weighting [%]:	15	20	30	25	10
Spatial frequency R [1/mm]:	10	20	40		
Image circle [mm]:	60				

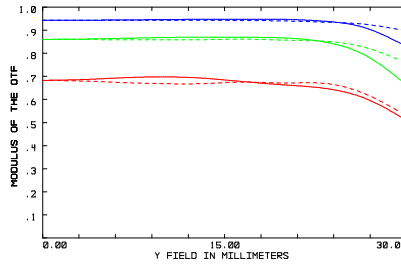
— 10
— 20
— 40

F4.0

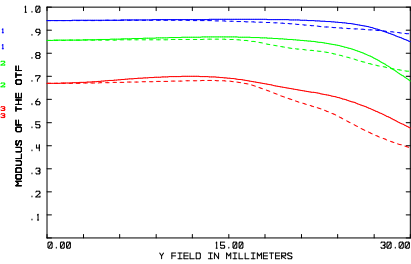
0.07x WD=735mm



0.1x WD=520mm

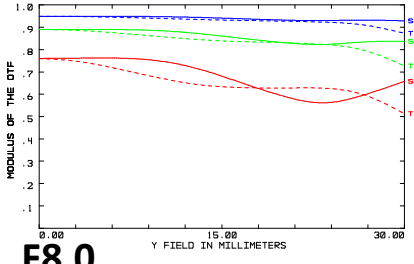


0.13x WD=405mm

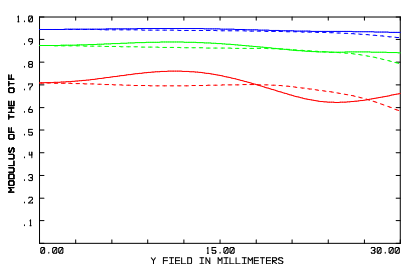


F5.6

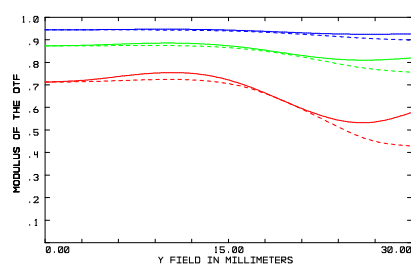
0.07x WD=735mm



0.1x WD=520mm

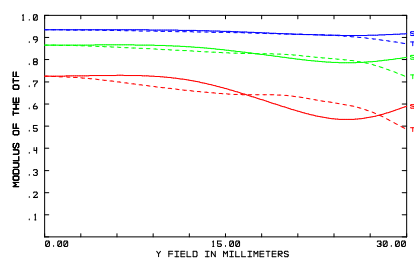


0.13x WD=405mm

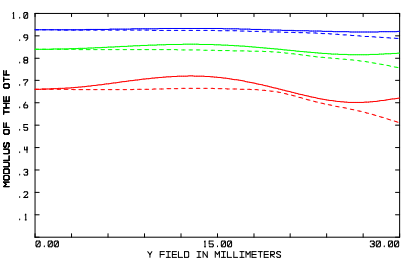


F8.0

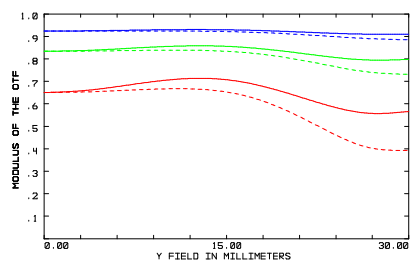
0.07x WD=735mm



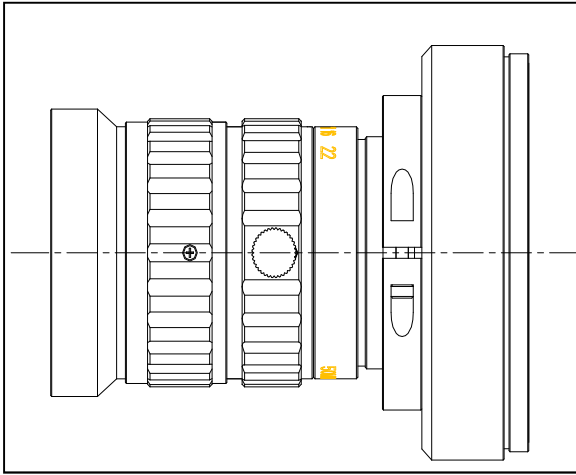
0.1x WD=520mm



0.13x WD=405mm

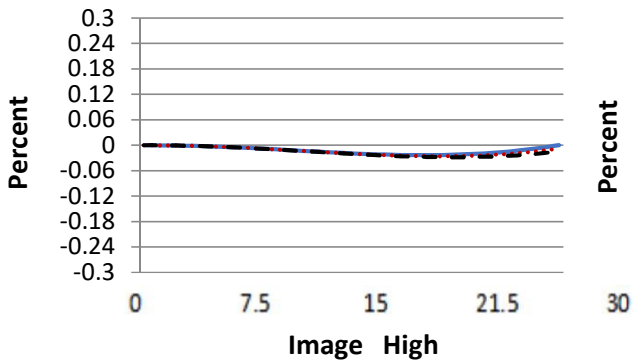


SBS-XS5081-M72 M72 x 0.75

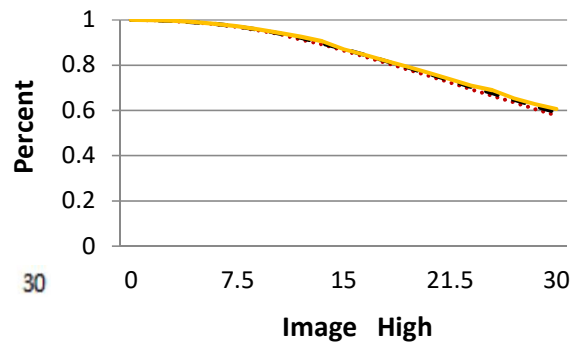


..... 0.07x
--- 0.1x
--- 0.13x

Distortion



Relative Illumination



Mag.	I/O	WD	Lens length	Φ43.27 FOV	Φ57 FOV	Φ60 FOV
0.07x	839.4	735	104.4	618	814	857
0.075x	794.6	690	104.6	577	760	800
0.08x	754.9	650	104.9	541	713	750
0.085x	715.1	610	105.1	509	671	706
0.09x	685.4	580	105.4	481	633	667
0.095x	655.6	550	105.6	455	600	632
0.1x	625.9	520	105.9	433	570	600
0.11x	581.4	475	106.4	393	518	545
0.12x	546.8	440	106.8	361	475	500
0.13x	512.4	405	107.4	333	438	462