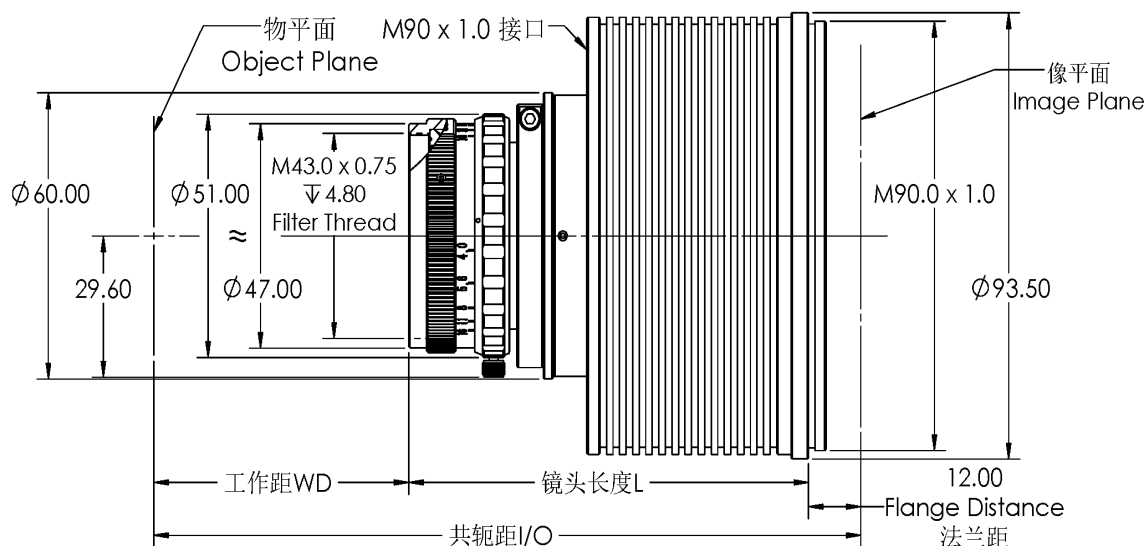


80mm/4.0 004033



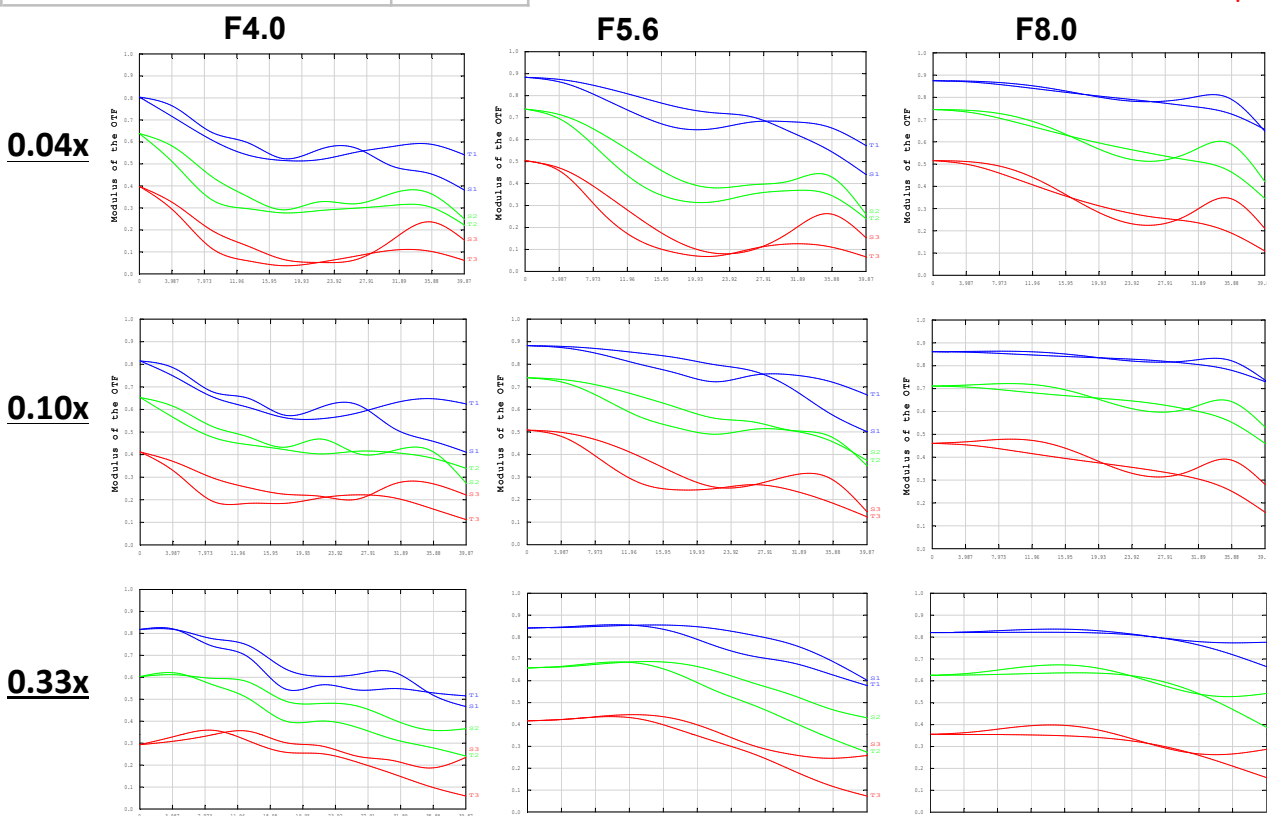
Technical Specifications

Focal Length	80mm
FNO	4.0 ~ 16
Image Circle	80mm
Magnification	0.04x ~ 0.33x
Trasmission	400 ~ 700nm
Mount	F M42 M48 M58 M72 M90
Weight	349g @ M90 mount

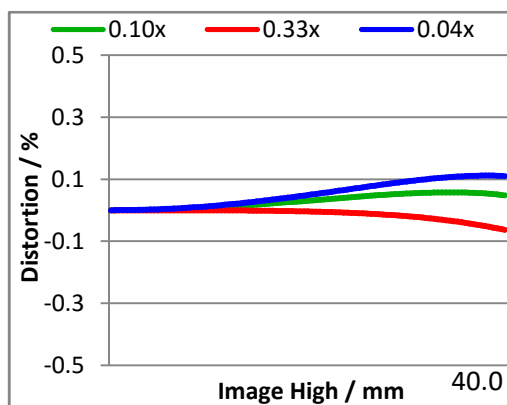
MTF with reference to image height for visible spectrum

Wavelength λ	[nm]:	656	587	546	486	435
Spectral weighting	[%]:	15	20	30	25	10
Spatial frequency R	[lp/mm]:	20	40	80		
Image circle	[mm]:	80				

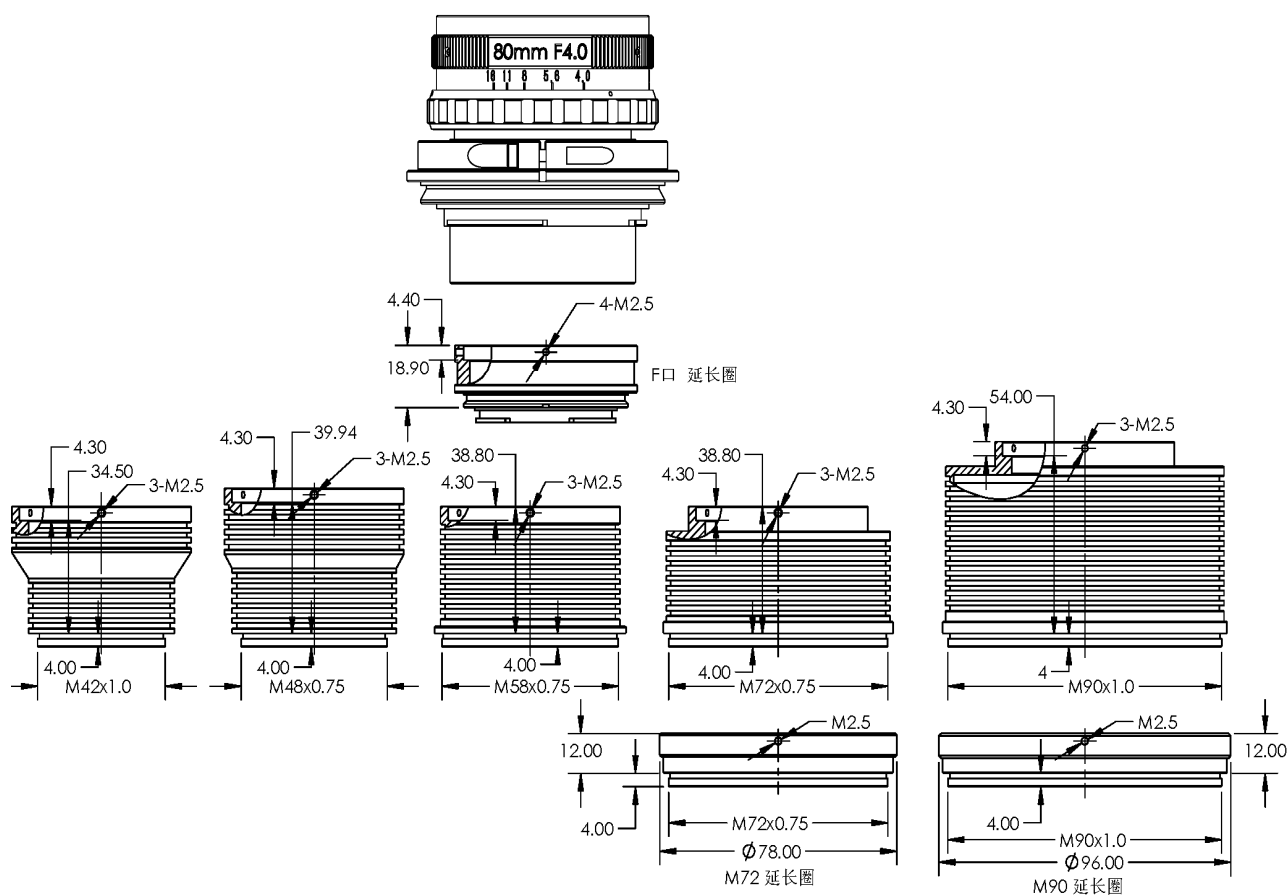
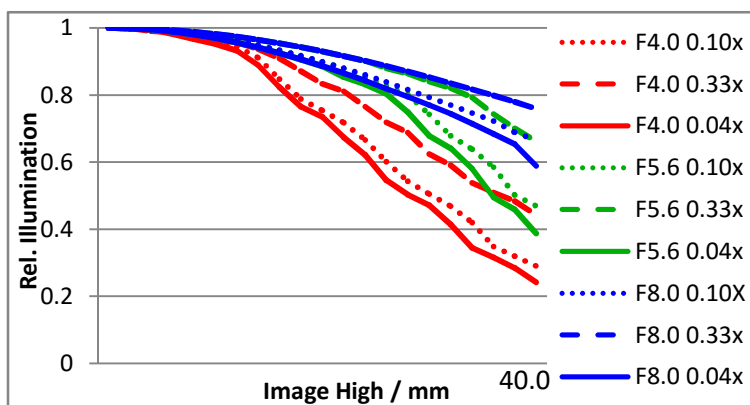
— 20lp/mm
— 40lp/mm
— 80lp/mm



Distortion



Relative Illumination



倍率 (β)	共轭距 (I/O)	工作距 (WD)	镜头长度 (L)	$\Phi 43.27$ 视场	$\Phi 60$ 视场	$\Phi 80$ 视场
0.04x	2175.99	2071.87	92	1081.8	1500.0	2000.0
0.06x	1506.75	1401.04	94	721.2	1000.0	1333.3
0.08x	1172.94	1065.62	95	540.9	750.0	1000.0
0.10x	973.28	864.37	97	432.7	600.0	800.0
0.12x	840.72	730.21	99	360.6	500.0	666.7
0.14x	746.48	634.37	100	309.1	428.6	571.4
0.16x	676.2	562.5	102	270.4	375.0	500.0
0.18x	621.9	506.6	103	240.4	333.3	444.4
0.20x	578.78	461.88	105	216.4	300.0	400.0
0.24x	514.89	394.79	108	180.3	250.0	333.3
0.28x	470.17	346.88	111	154.5	214.3	285.7
0.33x	430.61	303.32	115	131.1	172.7	242.4

需要M90延长圈