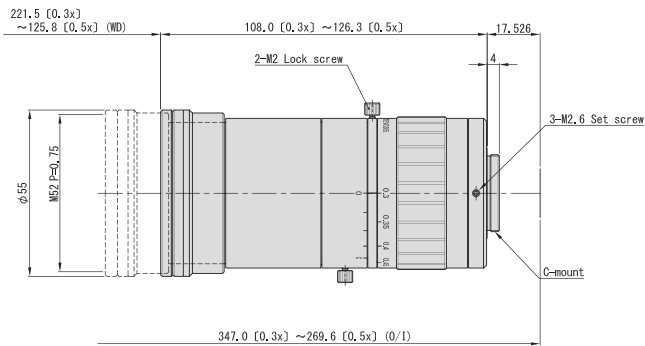


VS-TEV Series 1.1" 1" 1/1.2"

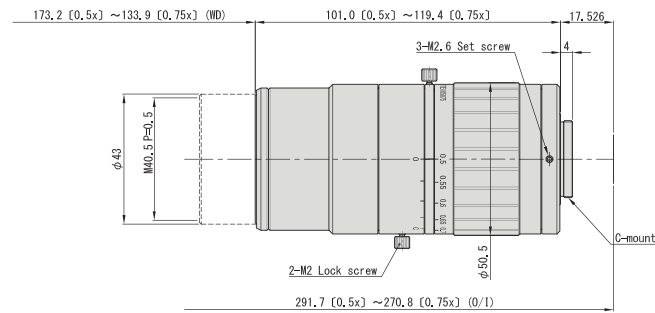
可对应1.1"芯片，3.45um像元。画质均匀度高，光圈可调。



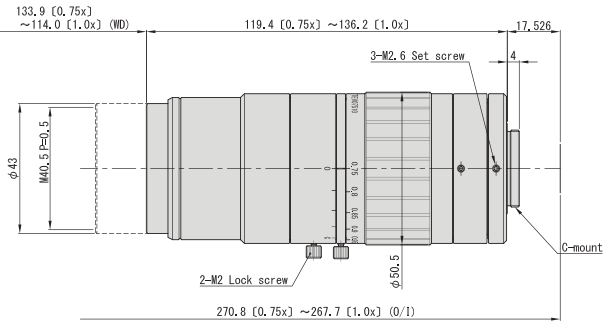
VS-TEV0305



VS-TEV05075



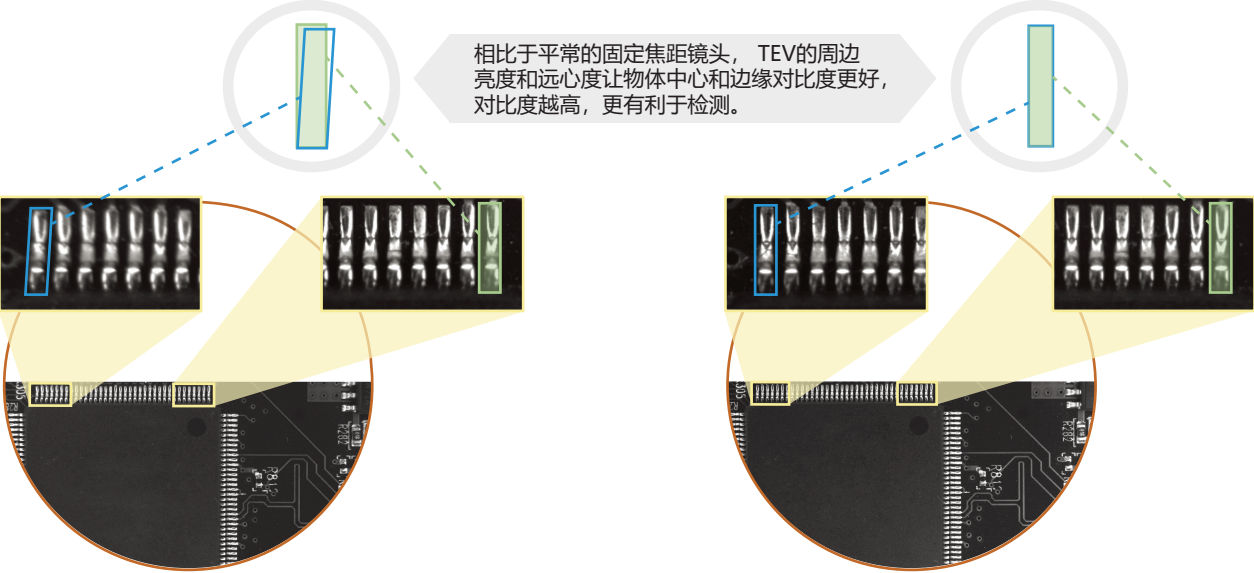
VS-TEV07510



图像对比

平常的固定焦距镜头

VS-TEV 系列

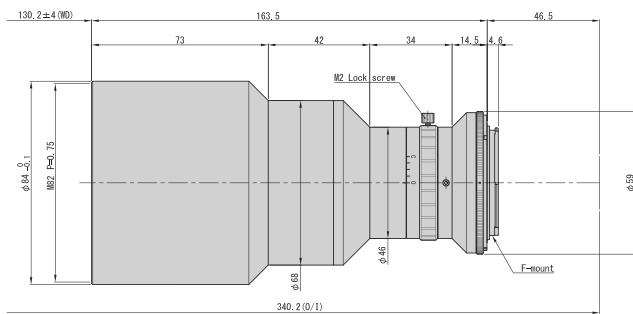


规格	VS-TEV0305			VS-TEV05075		VS-TEV07510		
可变倍率范围	0.3x ~ 0.5x			0.5x ~ 0.75x		0.75x ~ 1.0x		
光学倍率	0.3x	0.4x	0.5x	0.5x	0.75x	0.75x	1.0x	
视野 (VxH)	1.1"	34.7 x 47.0 mm	26.0 x 35.3 mm	20.8 x 28.2 mm	13.9 x 18.8 mm	13.9 x 18.8 mm	10.4 x 14.1 mm	
	1"	37.5 x 37.5 mm	28.2 x 28.2 mm	22.5 x 22.5 mm	15.0 x 15.0 mm	15.0 x 15.0 mm	11.3 x 11.3 mm	
	2/3"	23.7 x 28.0 mm	17.8 x 21.0 mm	14.2 x 16.8 mm	9.5 x 11.2 mm	9.5 x 11.2 mm	7.1 x 8.4 mm	
WD	221.5 mm	162.0 mm	125.8 mm	173.2 mm	133.9 mm	133.9 mm	114.0 mm	
物像间距离O/I	347.0 mm	296.7 mm	269.6 mm	291.7 mm	270.8 mm	270.8 mm	267.7 mm	
实效F*光圈全开	4.3	5.3	6.2	5.0	6.8	6.8	8.5	
NA	0.035	0.038	0.040	0.050	0.055	0.055	0.059	
景深 允许模糊圈φ0.04mm	3.8 mm	2.6 mm	2.0 mm	1.6 mm	1.0 mm	1.0 mm	0.7 mm	
TV失真 (2/3")	0.03 %	-0.04 %	-0.04 %	0.06 %	0.04 %	0.04 %	0.02 %	
适合芯片	1.1"			1.1"		1.1"		
滤镜口径	M 52 P = 0.75			M 40.5 P = 0.5		M 40.5 P = 0.5		
重量	390 g			350 g		370 g		

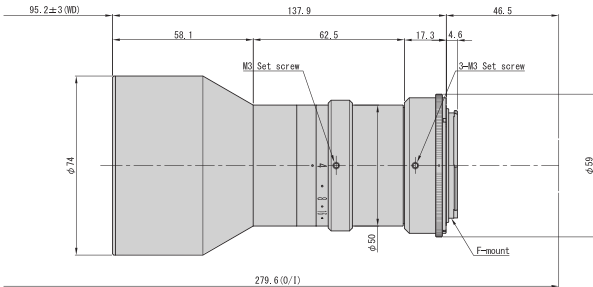
VS-LTC Series



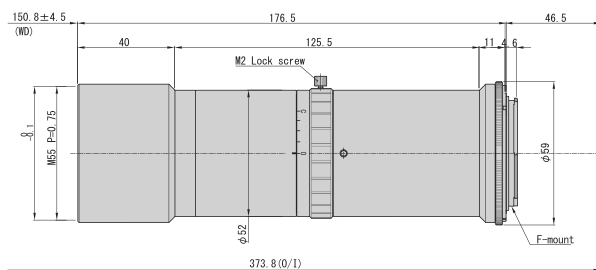
VS-LTC03-130/FS



VS-LTC04-100-21/FS



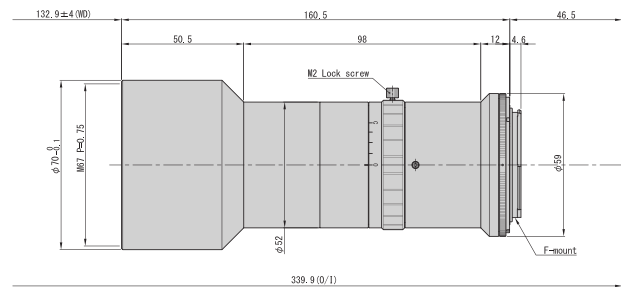
VS-LTC07-150/FS



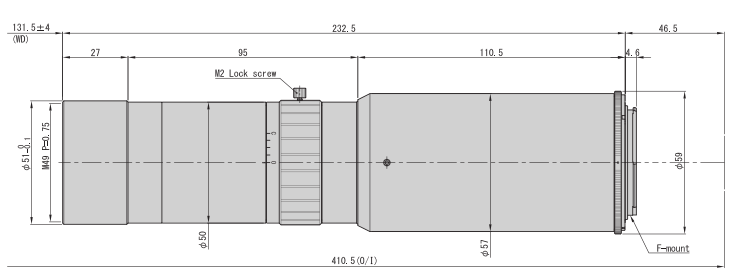
像圈对应表

比特		2048	2048	4096	7450	4096	6144
像素大小 (μm)		10	14	7	4.7	10	7
像圈 φ(mm)		20.5	28.7	28.7	35	41	43
VS-LTC03-130/FS	22	●					
VS-LTC04-100-21/FS	20.24	●					
VS-LTC05-130/FS	22	●					
VS-LTC07-150/FS	21	●					
VS-LTC1-130/FS	22	●					
VS-LTC075-70-35/FS	35	●	●	●	●		
VS-LTC075-70CO-35/FS	35	●	●	●	●		
VS-LTC1-70-35/FS	35	●	●	●	●		
VS-LTC1-70CO-35/FS	35	●	●	●	●		
VS-LTC2-70/FSN	35	●	●	●	●		
VS-LTC2-70CO/FSN	35	●	●	●	●		
VS-LTC2-60/FS	35	●	●	●	●		
VS-LTC3.3-45/FS	35	●	●	●	●		
VS-LTC1-130-45/FS	45	●	●	●	●	●	●
VS-LTC1-130CO-45/FS	45	●	●	●	●	●	●
VS-LTC2-130-45/FS	45	●	●	●	●	●	●
VS-LTC2-130CO-45/FS	45	●	●	●	●	●	●
VS-LTC4-50CO-28/F	25	●					
VS-LTC5-50CO-28/F	28.6	●	●	●			
VS-LTC6-50CO-28/F	28.6	●	●	●			
VS-LTC7-50CO-28/F	28.6	●	●	●			

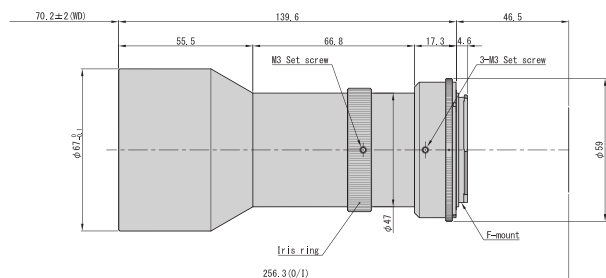
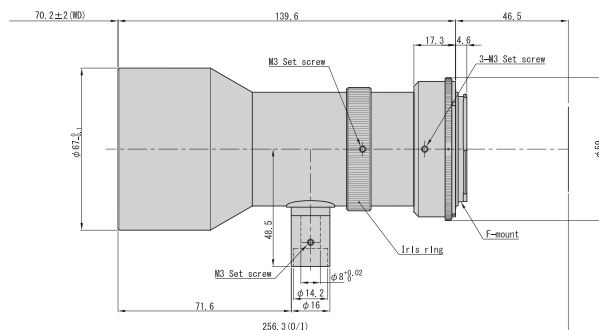
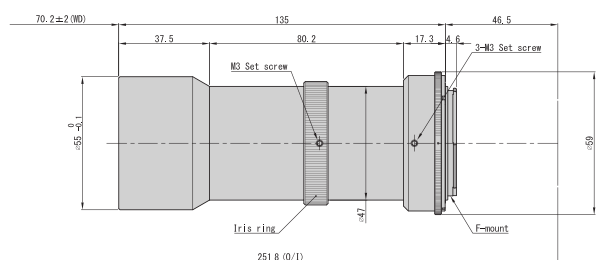
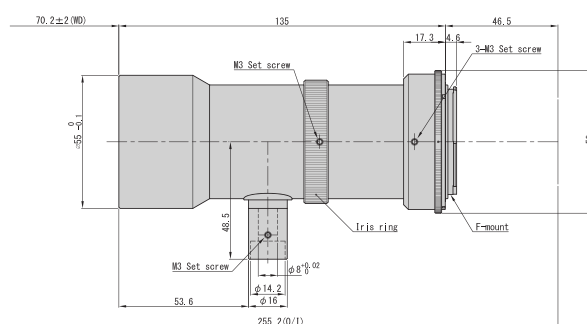
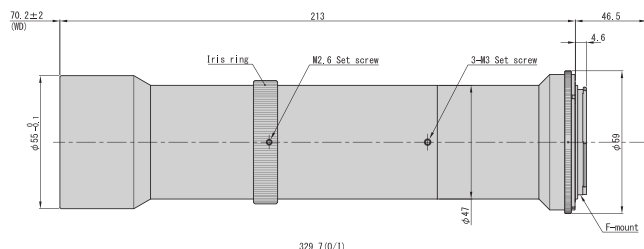
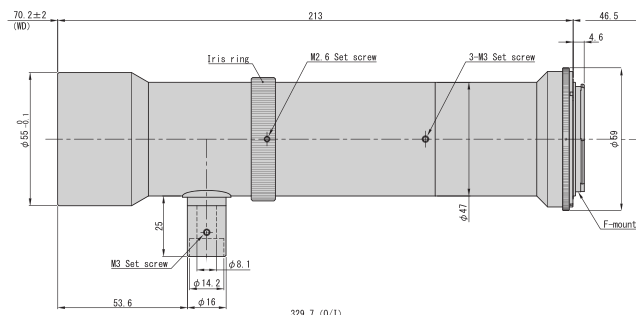
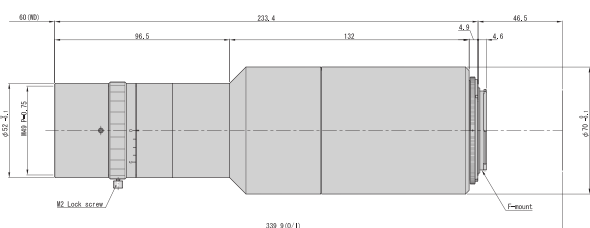
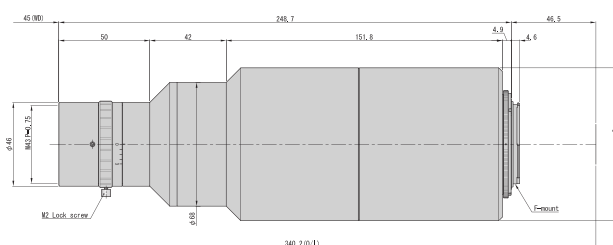
VS-LTC05-130/FS



VS-LTC1-130/FS

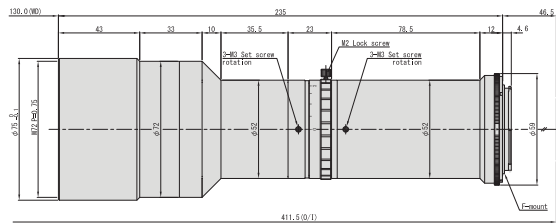


规格	VS-LTC03-130/FS	VS-LTC04-100-21/FS	VS-LTC05-130/FS	VS-LTC07-150/FS	VS-LTC1-130/FS
光学倍率	0.3x ±5 %	0.4x ±5 %	0.5x ±5 %	0.7x ±5 %	1.0x ±5 %
视野	73.3 mm	51.2 mm	44.0 mm	30.0 mm	22.0 mm
WD	130.2 mm ±4	95.2 mm ±3	132.9 mm ±4	150.8 mm ±4.5	131.5 mm ±4
物像间距离O/I	340.2 mm	279.6 mm	339.9 mm	373.8 mm	410.5 mm
实效F *光圈全开	5.8	4.0	4.6	5.3	6.3
NA	0.026	0.050	0.055	0.066	0.080
景深 允许误差±0.04mm	5.2 mm	2.0 mm	1.5 mm	0.9 mm	0.5 mm
TV失真	0.01 %	0.02 %	-0.04 %	0.01 %	0.00 %
像圈	φ22 mm	φ20.48 mm	φ22 mm	φ21 mm	φ22 mm
滤镜口径	M 82 P = 0.75		M 67 P = 0.75	M 55 P = 0.75	M 49 P = 0.75
重量	960 g	660 g	730 g	580 g	610 g

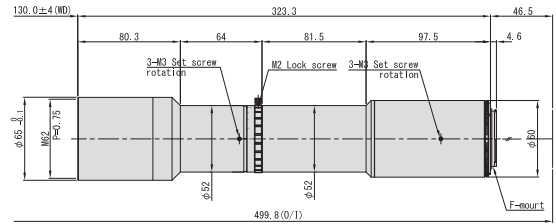
VS-LTC075-70-35/FS

VS-LTC075-70CO-35/FS

VS-LTC1-70-35/FS

VS-LTC1-70CO-35/FS

VS-LTC2-70/FSN

VS-LTC2-70CO/FSN

VS-LTC2-60/FS

VS-LTC3.3-45/FS


规格	VS-LTC075 -70-35/FS	VS-LTC075 -70CO-35/FS	VS-LTC1 -70-35/FS	VS-LTC1 -70CO-35/FS	VS-LTC2 -70/FSN	VS-LTC2 -70CO/FSN	VS-LTC2 -60/FS	VS-LTC3.3 -45/FS
光学倍率	0.75x ± 5 %	0.75x ± 5 %	1.0x ± 5 %	1.0x ± 5 %	2.0x ± 5 %	2.0x ± 5 %	2.0x ± 5 %	3.3x ± 5 %
视野	46.7 mm	46.7 mm	35 mm	35 mm	17.5 mm	17.5 mm	17.5 mm	10.6 mm
WD	70.2 mm ± 2	70.2 mm ± 2	70.2 mm ± 2	70.2 mm ± 2	70.2 mm ± 2	70.2 mm ± 2	60.0 mm	45.0 mm
物像间距离O/I	256.3 mm	259.7 mm	251.8 mm	255.2 mm	326.3 mm	329.7 mm	339.9 mm	340.2 mm
实效F *光圈全开	5.4	5.4	6.3	6.3	12.5	12.5	9.1	19.2
NA	0.070	0.070	0.080	0.080	0.080	0.080	0.110	0.086
景深 允许错乱值0.04mm	0.8 mm	0.8 mm	0.5 mm	0.5 mm	0.3 mm	0.3 mm	0.2 mm	0.1 mm
TV失真	0.10 %	0.10 %	0.03 %	0.03 %	0.05 %	0.05 %	0.02 %	-0.05 %
像圈	φ35 mm	φ35 mm	φ35 mm	φ35 mm	φ35 mm	φ35 mm	φ35 mm	φ35 mm
照明方式	—	Built-in	—	Built-in	—	Built-in	—	—
滤镜口径	—	—	—	—	—	—	M 49 P = 0.75	M 43 P = 0.75
重量	740 g	770 g	550 g	570 g	670 g	690 g	880 g	1100 g

VS-LTC1-130-45/FS

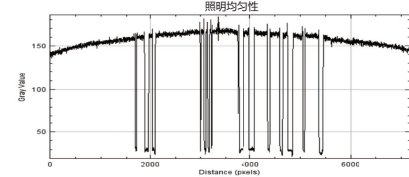


VS-LTC2-130-45/FS

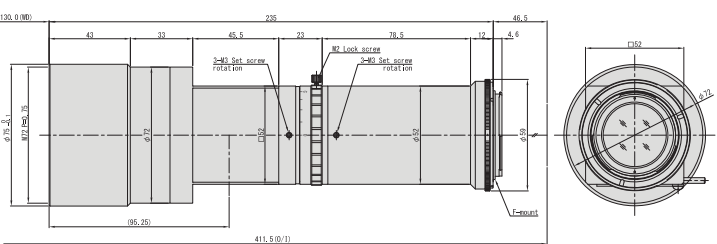


内置同轴采用面积型LED照明，均匀度高

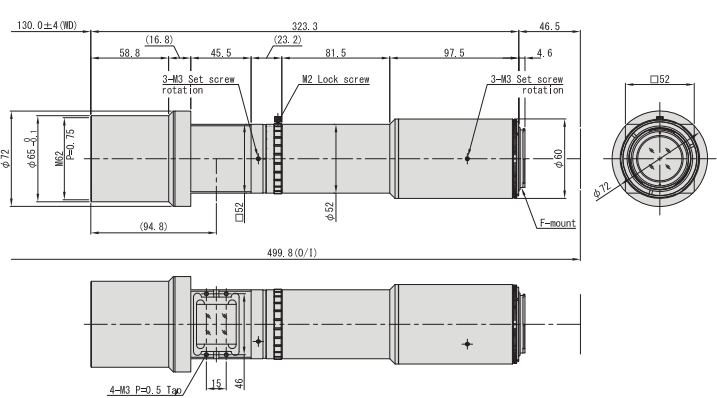
VS-LTC1-130CO-45/FS
VS-LTC2-130CO-45/FS



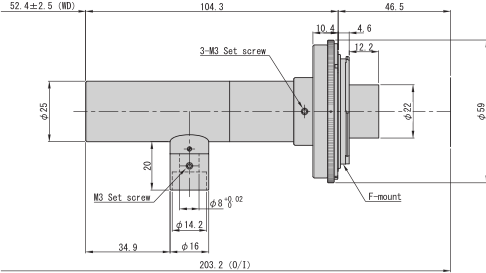
VS-LTC1-130CO-45/FS



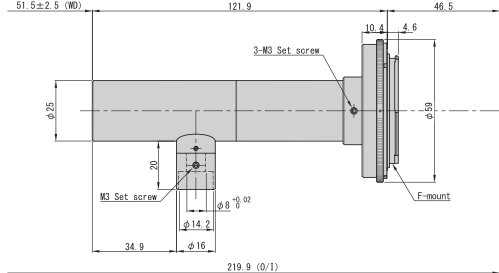
VS-LTC2-130CO-45/FS



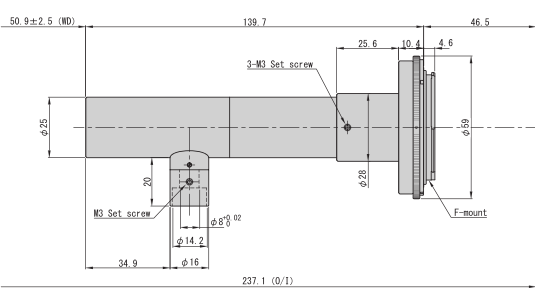
VS-LTC4-50CO-28/F



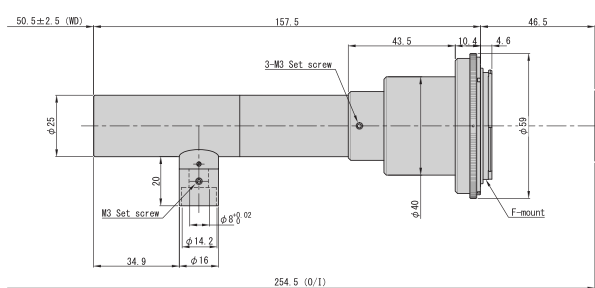
VS-LTC5-50CO-28/F



VS-LTC6-50CO-28/F



VS-LTC7-50CO-28/F



规格	VS-LTC1-130-45/FS	VS-LTC1-130CO-45/FS	VS-LTC2-130-45/FS	VS-LTC2-130CO-45/FS	VS-LTC4-50CO-28/F	VS-LTC5-50CO-28/F	VS-LTC6-50CO-28/F	VS-LTC7-50CO-28/F
光学倍率	1.0x $\pm$ 5 %	1.0x $\pm$ 5 %	2.0x $\pm$ 5 %	2.0x $\pm$ 5 %	4.0x $\pm$ 5 %	5.0x $\pm$ 5 %	6.0x $\pm$ 5 %	7.0x $\pm$ 5 %
视野	45.0 mm	45.0 mm	ϕ 22.5 mm	ϕ 22.5 mm	6.3 mm	5.7 mm	4.8 mm	4.1 mm
WD	130.0 mm	130.0 mm	130.0 mm $\pm$ 4	130.0 mm $\pm$ 4	52.4 mm $\pm$ 2.5	51.5 mm $\pm$ 2.5	50.9 mm $\pm$ 2.5	50.5 mm $\pm$ 2.5
物像间距离O/I	411.5 mm	411.5 mm	499.8 mm	499.8 mm	203.2 mm	219.9 mm	237.1 mm	254.5 mm
实效F *光圈全开	6.4	6.4	8.3	8.3	20.0	25.0	30.0	35.0
NA	0.078	0.078	0.120	0.120	0.100	0.100	0.100	0.100
景深 允许模糊范围0.04mm	0.5 mm	0.5 mm	0.2 mm	0.2 mm	0.1 mm	0.08 mm	0.07 mm	0.06 mm
TV失真	0.04 %	0.04 %	0.06 %	0.06 %	—	—	—	—
周边光量(Y=22.5)	97 %	97 %	99 %	99 %	0.27 %	0.08 %	0.01 %	0.02 %
像圈	ϕ 45 mm	ϕ 45 mm	ϕ 45 mm	ϕ 45 mm	ϕ 25 mm	ϕ 28.6 mm	ϕ 28.6 mm	ϕ 28.6 mm
照明方式	—	Built-in	—	Built-in	Built-in	Built-in	Built-in	Built-in
滤镜口径	M 72 P = 0.75	M 72 P = 0.75	M 62 P = 0.75	M 62 P = 0.75	—	—	—	—
重量	1180 g	1240 g	1500 g	1580 g	180 g	185 g	195 g	210 g