



1/1.7" F2.4/16 C Mount				Working distance	Optical Magnification	1/1.7" Field of View (7.44mmX5.62mm)		1/2" Field of View (6.22mmX4.67mm)	
Focal Length		f=8mm		mm		H	V	H	V
Max Diameter (Ratio)		F=1:2.4~16		1000	-0.008	949.02	710.61	789.42	589.82
Picture Size		1/1.7" (7.44mmX5.62mm)	1/2" (6.22mmX4.67mm)	900	-0.009	855.49	640.53	711.58	531.65
Angle	H	51.33°	42.78°	800	-0.010	761.96	570.44	633.75	437.47
	V	35.34°	29.45°	700	-0.011	668.44	500.36	555.92	415.30
	D	60.79°	50.66°	650	-0.012	621.69	465.33	517.02	386.22
Object Dimension at 200mm	H	200.8mm	173.0mm	600	-0.013	574.93	430.28	478.10	357.13
	V	149.91mm	129.7mm	550	-0.014	528.16	395.24	439.19	328.04
	D	266.8mm	216.2mm	500	-0.015	481.41	360.20	400.28	298.96
Distortion (TV)	<1-0.61% <1-0.55%		450	-0.017	434.64	325.15	361.36	269.87	
Focus distance(min)	0.1m		400	-0.019	387.90	290.13	322.46	240.80	
Flange back	17.526mm in air		350	-0.022	341.10	255.06	283.52	211.69	
CRA	<8.0°		300	-0.025	294.33	220.02	244.60	182.60	
Filter screw size	M27 X P0.5		250	-0.030	247.55	184.96	205.67	153.50	
Relative illumination	>73.9%		200	-0.037	200.76	149.91	166.74	124.40	
Storage Temperature Range	-20~+60°C		150	-0.048	153.96	114.84	127.79	95.30	
Temperature Range	-10~+50°C		100	-0.070	107.12	79.76	88.83	66.18	
Ring thickness(mm)	1	Near	28.6	-0.19	39.55	29.18	32.63	24.20	
		Far	52.65	-0.12	61.97	45.93	51.25	38.09	
	2	Near	12.68	-0.30	24.41	17.88	20.06	14.82	
		Far	20.12	-0.24	31.42	23.10	25.87	17.15	
Mount	C-Mount								
分辨率(逆投影)	中心250lp/mm φ8: 100lp/mm			倍率范围	0.070X→∞小				
产品结构	9G			工作距离范围	100mm→∞远				

				TOLERANCE: LINEARITY TOLERANCES ±0.05 ANGULAR TOLERANCES ARE±30' DRAFT ANGLES AREA±0.5°/SIDE		三角法		材料(环保)		单位	比例
										mm	2:1
				设计	宗刚群	2020.10.22	名称	FA0811A 规格			页码
				校对			部番	FA0811A SPEC			1/1
				审核			商品代号				版本
版本	处数	更改文件号	担当	变更日期	批准						V0