



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	531.62		
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 $\phi 8$: 100lp/mm		倍率范围		0.070X \rightarrow ∞ 小					
产品结构		9G		工作距离范围		100mm \rightarrow ∞ 远					
				TOLERANCE: LINEARITY TOLERANCES ± 0.05 ANGULAR TOLERANCES ARE $\pm 30'$ DRAFT ANGLES AREA $\pm 0.5^\circ$ /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	