



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=12mm	mm		H	V	H	V	
Max Diameter (Ratio)	F=1:2.4~16	1000	-0.012	625.82	473.10	523.02	393.02	
Picture Size	1/1.7" (7.44mmX5.62mm)	900	-0.013	564.14	426.45	471.47	354.26	
	1/2" (6.22mmX4.67mm)							
Angle	H 34.89°	800	-0.015	502.50	379.82	419.93	315.52	
	V 23.81°	700	-0.017	440.87	333.20	368.40	276.79	
	D 41.70°	650	-0.018	410.04	309.88	342.63	257.42	
Object Dimension at 200mm	H 132.45mm	600	-0.020	379.21	286.56	316.86	238.05	
	V 99.92mm	550	-0.021	348.40	263.25	291.10	218.68	
	D 166.61mm	500	-0.023	317.56	239.93	265.32	199.31	
Distortion (TV)	<10.34% <10.19%	450	-0.026	286.73	216.61	239.55	179.93	
Focus distance(min)	0.1m	400	-0.029	255.90	193.28	213.77	160.55	
Flange back	17.526mm in air	350	-0.033	225.07	169.96	187.99	141.18	
CRA	<8.3°	300	-0.038	194.21	146.62	162.20	121.79	
Filter screw size	M27 X P0.5	250	-0.046	163.35	123.28	136.39	102.40	
Relative illumination	>79.7%	200	-0.056	132.45	99.92	110.57	82.99	
Storage Temperature Range	-20~+60°C	150	-0.074	101.52	79.54	84.72	63.57	
Temperature Range	-10~+50°C	100	-0.106	70.51	53.10	58.80	44.10	
Ring thickness(mm)	1	Near	50.3	-0.191	39.46	29.62	32.85	24.59
		Far	130.0	-0.084	88.80	66.86	74.05	55.52
	2	Near	31.3	-0.275	27.55	20.63	22.90	17.12
		Far	58.8	-0.168	44.85	33.64	37.33	27.93
	3	Near	10.5	-0.528	14.45	10.77	11.98	8.94
		Far	16.0	-0.417	18.30	13.63	15.17	11.31
Mount	C-Mount							
分辨率(逆投影)	中心250lp/mm $\phi 8$: 100lp/mm	倍率范围	0.106X \rightarrow ∞ 小					
产品结构	10G	工作距离范围	100mm \rightarrow ∞ 远					

TOLERANCE:		三角法		材料(环保)	单位	比例	
LINEARITY TOLERANCES ± 0.05				mm	1.5:1		
ANGULAR TOLERANCES ARE $\pm 30'$							
DRAFT ANGLES AREA $\pm 0.5^\circ$ /SIDE		设计	宗刚群	2020.10.22	名称	FA1211A 规格	页码
		校对			部番	FA1211A 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