



1/1.8" F2.8 C Mount				Working distance	Optical Magnification	1/1.8" Field of View(mm)		
Focal Length	f=50mm			mm		H	V	
F/NO	F=2.8-22			1200	0.043X	164.2	112.6	
Image Size	1/1.8"(7.2x5.3mm)	1/2.5"(5.76x4.32mm)	1/3"(4.8x3.6mm)	1100	0.047X	150.0	112	
Angle FOV	H	8.2	6.6	5.5	1000	0.052X	135.8	101.4
	V	6.1	4.9	4.1	950	0.055X	128.7	96.1
	D	10.2	8.2	6.9	900	0.059X	121.6	90.8
Object Dimension at WD.300mm	H	36.1	29.4	24.5	850	0.062X	114.5	85.5
	V	27.1	22.1	18.4	800	0.066X	107.4	80.2
	D	45	36.1	30.6	750	0.071X	100.3	74.9
Distortion (TV)	<0.05%			700	0.076X	93.2	69.6	
Focus distance(min)	300mm			650	0.083X	86.1	64.3	
Flange back	17.526mm in air			600	0.090X	78.9	59	
Back focus	17.4-27.1mm in air			550	0.099X	71.9	53.7	
Filter screw size	M28.5xP0.5			500	0.110X	64.8	48.4	
Front/Rear Effective Dia	Front ø17.4mm		Rear ø8mm	450	0.124X	57.6	43.1	
Mount	C-Mount			400	0.141X	50.5	37.7	
Temperature Range	-10~+50°C			350	0.164X	43.4	32.4	
Storage Temperature Range	-20~+60°C			300	0.196X	36.1	27.1	

				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
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				设计	朱周德	2016-09-12	名称	FA5001C规格图		页码
				校对						1/1
				审核			代号	FA5001C-SPEC		版本
				批准						V2
标记	处数	更改文件号	担当	变更日期						