



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		
Angle FOV	H	8.2	6.6	5.5	1000	0.052X	135.8		
	V	6.1	4.9	4.1	950	0.055X	128.7		
	D	10.2	8.2	6.9	900	0.059X	121.6		
Object Dimension at WD.300mm	H	36.1	29.4	24.5	850	0.062X	114.5		
	V	27.1	22.1	18.4	800	0.066X	107.4		
	D	45	36.1	30.6	750	0.071X	100.3		
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 ϕ 17.4mm Rear ϕ 8mm		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 $\pm 30'$ DRAFT ANGLES AREA $\pm 0.5^\circ$ /SIDE		材料(环保)		单位	比例
				三角法		---		mm	2:1
				设计		2016-09-12		名称	
1				2019,01,23		校对		1/1.8" 500万 50mm	
1				2017,09,11		审核		版本	
标记				处数		更改文件号		担当	
				变更日期		批准		CSL-5028H	
								V2	