



1" F1.4/50 C Mount				Working distance	Optical Magnification	1" Field of View(mm)					
Focal Length		f=50mm				mm	H	V			
Max Diameter (Ratio)		F=1:1.4~16		1000	-0.05				256.6	192.34	
Picture Size		1"	2/3"			900	-0.055	232.06			174.54
Angle	H	13.86°	9.56°								
	V	10.4°	7.16°								
	D	17.14°	12°								
Object Dimension at M.O.D	H	79.34mm	54.2mm	800	-0.062	206.6	154.84				
	V	59.27mm	40.56mm								
	D	100mm	68mm								
Distortion (TV)		0.1%	0.1%	700	-0.071	181.2	135.72				
Focus distance(min)		0.3M									
Flange back		17.526mm in air		600	-0.083	155.76	116.6				
Back focus		10.6MM \triangle									
Filter screw size		M4.6x0.75		500	-0.098	128.48	96				
Front/Rear Effective Dia		ϕ 30.5/ ϕ 18									
Mount		C-Mount		400	-0.123	104.4	78.34				
Temperature Range		-10~+50°C									
Storage Temperature Range		-20~+60°C		300	-0.163	79.34	59.2				

				TOLERANCE : LINEARITY TOLERANCES \pm 0.05 ANGULAR TOLERANCES ARE \pm 30' DRAFT ANGLES AREA \pm 0.5°/SIDE			材料(环保)	单位	比例
							---	mm	15:1
设计						名称	HC5005A 镜头		页码
\triangle	1	---	CHP	2017-9-11	校对				1/1
\triangle	2	---	CHP	2014-7-23	审核	代号	HC5005A		版本
标记	处数	更改文件号	担当	变更日期	批准				V3