



2/3" F2.4 C-MOUNT		Working distance	Optical Magnification	Field of view(mm)		
EFFL(Effective Focal Length)		f=12mm	mm	H	V	
F/NO		F=2-11	500	378.4	283.8	
Image Size		2/3"(11mm×8.8mm×6.6mm)	475	360.1	270.1	
5	Angle FOV	H 40.6°	450	341.8	256.4	
		V 31°	425	323.5	242.7	
		D 49.5°	400	305.3	228.9	
Object Dimension at WD.	H 195.9mm	375	0.031X	287	215.2	
	V 146.9mm	350	0.033X	268.7	201.5	
	D 244.5mm	325	0.035X	250.4	187.8	
6	Distortion(TV)	<-0.47%	300	0.038X	232.1	174.1
	Focus distance(min)	0.003m	275	0.041X	213.9	160.4
	TTL(Total Length)	61.5mm	250	0.045X	195.9	146.9
	FBL(Flange Back Length)	17.526mm	225	0.049X	177.3	133
	BFL(Back Focal Length)	12.09mm-19.47mm	200	0.055X	159	119.3
	Filter screw size	M28×0.5	175	0.063X	140.7	105.5
7	Front/Rear Effective Dia	Front∅20.78mm Rear∅15.94mm	150	0.072X	122.4	91.8
	Relative illumination	>66.1%	125	0.085X	104.2	78.1
	Chief ray angle	<2°	100	0.102X	85.9	64.4
	Mount	C-MOUNT	75	0.131X	67.6	50.7
	Operating Temperature	-20~+80°C	50	0.18X	49.3	37
	Storage Temperature	-20~+80°C	25	0.289X	31	23.3

					 <b>江西高瑞光电股份有限公司</b>				
					比例	2:1		页码	1/1
					重量	(g)	材料		
9	标记	处数	区域	更改内容	担当	时间	名称	HR5M12B规格书 REV.	
	承认	审核	工艺	设计	时间		编号	HR5M12B-SPEC A0	