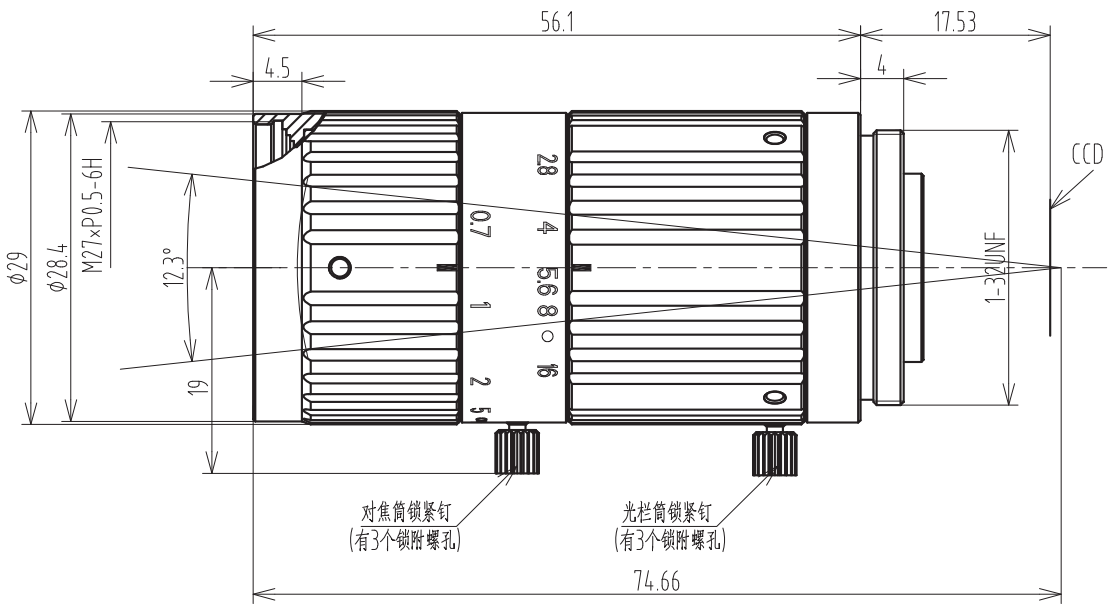
VFA1-230-10M50

50mm Focal Length

2/3" F2.8/50 C Mount					Working distance	Optical Magnification	2/3" Field of View(mm)	
Focal Length		f=50mm						
Max Diameter (Ratio)		F=1:2.8~16			mm		H	V
Picture Size		2/3"(8.8×6.6mm)	1/2"(6.4×4.8mm)	1/3"(4.8×3.6mm)	5000	0.011x	800	600
Angle	H	10.4°	8.2°	6.2°	3000	0.018x	488.89	366.67
	V	8.4°	7.2°	5.4°	2000	0.027x	325.93	244.44
	D	12.3°	9.6°	7.2°	1000	0.054x	162.96	122.22
Distortion (TV)		-0.1%	-0.1%	-0.1%	800	0.068x	129.41	97.06
Object Dimension at M.O.D	H	46.8mm	△3 34mm	25.5mm	750	0.073x	120.55	90.41
	V	35.1mm	25.5mm	19.1mm	700	0.078x	112.82	84.62
	D	58.5mm	42.5mm	31.9mm	650	0.084x	104.76	78.57
Focus distance(min)		0.3M			600	0.092x	95.65	71.74
Flange back		17.526mm in air			550	0.1x	88	66
Back focus		12.4MM			500	0.111x	79.28	59.46
Filter screw size		M27×P0.5			450	0.123x	71.54	53.66
Front/Rear Effective Dia		Φ16.8/Φ11.78			400	0.139x	63.31	47.48
Mount		C-Mount			350	0.16x	55	41.25
Temperature Range		-10~+50°C			300	0.188x	46.81	35.11
Storage Temperature Range		-20~+60°C