



50mm 1:2.8 1/1.7" C 12M				Working Distance (mm)	Optical Magnification	Filed of View (mm) 1/1.7" (7.6mmX5.7mm)		
Focal Length	50mm			-	-	H	V	
Max. Aperture Ratio	1:2.8			1000	0.0517X	147.0	110.3	
F/# Range	F2.8-F16			950	0.0546X	139.2	104.4	
Focus Range	250mm-Inf			900	0.0577X	131.7	98.8	
Max. Image Size	1/1.7" (φ9.5mm)			850	0.0612X	124.2	93.1	
Working Distance	250mm	500mm	Inf	800	0.0653X	116.4	87.3	
Object Dimension	D	39.6mm	88.3mm	/	750	0.0698X	108.9	81.7
	H	31.7mm	70.6mm	/	700	0.0751X	101.2	75.9
	V	23.8mm	53.0mm	/	650	0.0812X	93.6	70.2
Angle of View	D	7.29°	9.08°	10.82°	600	0.0884X	86.0	64.5
	H	5.84°	7.25°	8.67°	550	0.0971X	78.3	58.7
	V	4.64°	5.51°	6.51°	500	0.1076X	70.6	53.0
Optical Distortion	0.177%	0.093%	0.023%	450	0.1207X	63.0	47.2	
TV Distortion	0.055%	0.026%	0.001%	400	0.1376X	55.2	41.4	
Relative Illumination	82.52%	80.99%	78.50%	350	0.1601X	47.5	35.6	
Back Focal Length	10.78mm			300	0.1916X	39.7	29.7	
Flange Focal Distance	17.526mm in Air			250	0.2396X	31.7	23.8	
Mount	C-Mount			/	/	/	/	
Filter Screw Size	M37X0.75			/	/	/	/	
Operating Temperature	-20°C ~ +60°C			/	/	/	/	
Storage Temperature	-20°C ~ +60°C			/	/	/	/	
Weight	154g			/	/	/	/	

				材料 (环保)			DZO 东正光学 DongZheng Optics	
							名称 DZO_LA5028A_1712_外形规格图	
				设计			图号	
				HGQ				
				22.08.15				
				图样标记			单位	
							比例	
							数量	
							页码	
							mm	
							1:1	
							1	
							1/1	

描图
旧底图登记号
底图登记号

标记处数 位置分区 变更号 签字 日期