

PLH-2812MA-5M



Optical Specifications

	Items	Description	Tolerances		
1	Focal length	2.8-12mm(Real Value:3.47mm (W) ~ 9.85 mm (T))	±3%		
2	Aperture (D/f')	F1.86 (W) ~ F3.32(T)	±5%		
3	Image Circle	Relative Illumination=35%: >φ6.9mm	--		
4	Focus range	0.8m~INF(W),1m~INF(T)	--		
5	Optical distortion	Image Circle=6.6mm:-51.4%(W),-4%(T)	--		
6	Chief ray angle	9°	--		
7	FOV (Focus on INF)	CMOS	W	T	--
		1/2.8" D6.480×H5.184×V3.888	122.6°×92.5°×66.9°	38°×30.4°×22.7°	
		1/2.7" D6.635×H5.376×V3.888	126.7°×96.6°×66.8°	38.9°×31.5°×22.7°	
		1/3" D6.084×H4.977×V3.499	112.6°×88.2°×59.8°	35.7°×29.1°×20.5°	

Mechanical Specification

	Items	Description	Tolerances	
1	Mount	CS	--	
2	Lens structure	9G	--	
3	Total track length	50.19mm (W)	±0.20mm	
4	Flange focal length	12.526mm	--	
5	Flange focal length	12.23mm (W)	±0.10mm	
		13.23mm (T)	±0.20mm	
6	Back focal length	6.69mm	±0.10mm	
7	Weight	51g	±10%	
8	Operation	Zoom	Manual	--
		Focus	Manual	
		Iris	Auto	

