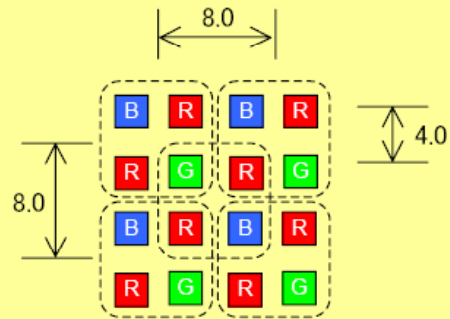


MODEL		DIAMOND VISION AVL-ID4	
Basic Specifications	Display Device	LED (SMD (Surface Mounted Device) type)	
	LED Pixel Arrangement and Layout of Color Pixel	 <p style="text-align: right;">Unit : mm</p>	
	Pixel Pitch	8 mm (Equivalent to 5.7 mm with Dynamic Pixel Control)	
	Pixel Density	62,500 dots / sq. m	
	Max. Brightness	3,000 cd/sq. m	
	Image Processing	Progressive Scan Converter + Interpolation	
	Grey Scale Processing	4,096 Steps (12 bits)	
	Brightness Adjustment Level	64 Steps (6 bits)	
	Viewing Angle	H : 160 degree (+/- 80 degree) , V : 160 degree (+/- 80 degree)	
	Minimum Viewing Distance	more than 3 m	
	Power Consumption (avg.) *1	1.2 kW/sq. m	
	Power Requirement *2	2.3 kVA/sq.m (3-Phase 3-Wire + Earth AC200 to AC240 V 50/60Hz)	
	Required Cooling Capacity	1.2 kW/sq. m	
	Brightness Reduction Time Up To Half of Initial Value Under Normal Condition	50,000 hr	
One Module	Screen Size	0.26 sq. m	= 0.512 m (H) x 0.512 m (W)
	Number of Lighting Unit	4	= 2 (H) x 2 (W)
	Resolution	16,384 dots	= 128 dots (H) x 128 dots (W)
	One Module Mass	Approx.	19 kg (metric)

*1: Power consumption is based on 100 % brightness at 30 % duty (=video display).

*2: Power requirement is a value at the time of operating an APS (Auto Power consumption control System) function.