



山西高科华焯电子集团有限公司

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Specification of PM5 Indoor LED Module

Module		Module photo
Pixel pitch	5mm	
Pixel Density	40,000 dots/m ²	
Pixel configuration	1R1G1B	
LED type	3-in-1 black SMD2121	
Module size	W320 *H160mm	
Module weight	354g	
Module resolution	W64*H32 dots	
Module QTY/ m ²	19.53 pcs/ m ²	
Min. Viewing Distance	≥5m	
Brightness	≥600 cd/m ²	
Viewing Angle	H≥120° V≥120°	
Driving Mode	1/16 scan constant current	
Interface	HUB75	
Input voltage	4.8-5.5VDC	
Max. Power Consumption	469 w/m ²	
Avg. Power Consumption	234.5 w/m ²	
Max. Current	4.8 A	
Gray Level	15bits (32768)	
Vedio frame rate	60 frames/s	
Refresh Rate	≥1920Hz	
Defective Dots Rate	<0.0001 (LED industry standard: ≤ 0.0003)	
Decay Rate	≤5%/year	
Brightness Conformity	>95%	
Colors	32768 ³	
MTBF	≥10000 hours	
Lifespan	≥100000 hours	
Protective function	Over-heat/Over-load /Power-down /Power-leakage /Lightning- protection etc.	
Operating Temperature	-10℃ ~ +40℃	
Operating Humidity	10-80% no condensation	
Storage Temperature	-20℃ ~ +60℃	
Storage Humidity	10-85% no condensation	
Control system parameter		
Color temperature	Adjustable by software.	
Brightness level	256 levels, automatic or manual adjustment.	
Control way	Computer, real-time, off-line, wireless, internet etc.	
Communication Distance	Cat5 UTP 100 meters, max. 130 meters; or optical fiber.	
Packing		
Carton	40pcs/carton, size: L543*W360*H390mm, weight: 15.31kgs	

Note: The specification may subject to change without prior notice.

