



山西高科华焯电子集团有限公司

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### Specification of M-P4 Indoor LED Module

Module		Module photo
Pixel pitch	4mm	
Pixel Density	62,500 dots/m <sup>2</sup>	
Pixel configuration	1R1G1B	
LED type	3-in-1 black SMD2121	
Module size	W320 *H160mm	
Module weight	278g	
Module resolution	W80*H40 dots	
Module QTY/ m <sup>2</sup>	19.53 pcs/ m <sup>2</sup>	
Min. Viewing Distance	≥4m	
Brightness	≥600 cd/m <sup>2</sup>	
Viewing Angle	H≥120° V≥120°	
Driving Mode	1/20 scan constant current	
Interface	HUB75E-16P	
Input voltage	4.8-5.5VDC	
Max. Power Consumption	490 w/m <sup>2</sup>	
Avg. Power Consumption	245 w/m <sup>2</sup>	
Max. Current	5 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 <sup>3</sup>	
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	
<b>Control system parameter</b>		
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.	
<b>Packing</b>		
Carton	80pcs/carton, size: 600*485*340mm, weight: 30.52kgs	

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

