



山西瑞杰国际贸易有限公司

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Specification of PM2.5 Indoor LED Module

Module		Module photo
Pixel pitch	2.5mm	
Pixel Density	160,000 dots/m ²	
Pixel configuration	1R1G1B	
LED type	SMD2020/SMD1515	
Module size	W320*H160mm	
Module weight	431g	
Module resolution	W128*H64 dots	
Module QTY/ m ²	19.53 pcs/ m ²	
Min. Viewing Distance	≥2.5m	
Brightness	≥500 cd/m ²	
Viewing Angle	H≥170° (±5°) V≥170°(±5°)	
Driving Mode	1/32 scan constant current	
Interface	HUB75-16P	
Input voltage	5V	
Max. Power Consumption	22 W/ Piece	
Avg. Power Consumption	11 W/ Piece	
Signal Processing Depth	16384	
Vedio frame rate	60 frames/s	
Refresh Rate	≥1920Hz	
Defective Dots Rate	< 0.0001 (LED industry standard: ≤ 0.0003)	
Decay Rate(Operate 3 year)	≤15%	
Brightness Conformity	≥98.5%	
Colors	281 trillion	
MTBF	≥10000 hours	
Lifespan	≥100000 hours	
Protective function	Over-heat/Over-load /Power-down /Power-leakage /Lightning-protection etc.	
Operating Temperature	-20°C ~ +40°C	
Operating Humidity	10-60% no condensation	
Storage Temperature	-20°C ~ +60°C	
Storage Humidity	10-60% 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	

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

