



# 山西高科华焯电子集团有限公司

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## Specification of P1.86 Indoor LED Module

Module		Module photo	
Pixel pitch	1.86mm		
Pixel Density	288,906 dots/m <sup>2</sup>		
Pixel configuration	1R1G1B		
LED type	SMD1515		
Module size	W320 *H160mm		
Module weight	480g		
Module resolution	W172*H86dots		
Module QTY/ m <sup>2</sup>	19.53 pcs/ m <sup>2</sup>		
Min. Viewing Distance	≥1.86m		
Brightness	≥550 cd/m <sup>2</sup>		
Viewing Angle	H≥160° V≥140°		
Driving Mode	1/43 scan		
Interface	self-defined interface 26P		
Input voltage	4.2V		
Max. Power Consumption	430 w/m <sup>2</sup>		
Avg. Power Consumption	292 w/m <sup>2</sup>		
Max. Current	5A		
Gray Level	15bits		
Vedio frame rate	60 frames/s		
Refresh Rate	≥3840Hz		
Defective Dots Rate	<0.0001 (LED industry standard: ≤ 0.0003)		
Decay Rate	≤5%/year		
Brightness Conformity	>95%		
Colors	16384 <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℃~+45℃		
Operating Humidity	10-80% no condensation		
Storage Temperature	-20℃~+60℃		
Storage Humidity	-40-80% 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.		

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

