

PH2.976 INDOOR SPECIFICATION

Module		
1	Pixel pitch	2.976mm
2	Pixel Density	112896dots/m ²
3	Pixel configuration	1R1G1B
4	LED type	SMD2020
5	Module size	250mm×250mm×16mm
6	Module weight	490g±5g
7	Module resolution	W84*H84dots
8	Module QTY/ m ²	16 pcs/ m ²
9	Min. Viewing Distance	≥2. 976m
10	Brightness	≥800cd/m ²
11	Viewing Angle	H: 170°±5° V: 170°±5°
12	Driving Mode	1/28 scan
13	Interface	self-defined interface 16P
14	Input voltage	4.5V-5V
15	Max. Power Consumption	38 w Per piece
16	Avg. Power Consumption	19 w Per piece
17	Signal Processing Depth	65536
18	Vedio frame rate	60 frames/s
19	Refresh Rate	≥3840Hz
20	Defective Dots Rate	<0.0001
21	Decay Rate(Operate 3 years)	≤15%
22	Brightness Conformity	≥98.5%
23	Colors	281 trillion
24	MTBF	≥10000 hours
25	Lifespan	≥100000 hours
26	Protective function	Over-heat/Over-load /Power-down /Power-leakage /Lightning-protection etc.
27	Operating Temperature	-20℃~+40℃
28	Operating Humidity	10-60% no condensation
29	Storage Temperature	-20℃~+60℃
30	Storage Humidity	10-60% no condensation

Control system parameter

1	Color temperature	3000-21000K
2	Brightness level	256 levels, automatic or manual adjustment.
3	Control way	Computer, real-time, off-line, wireless, internet etc.
4	PC Operation	Windows(XP、 Vista)、 Win7/Win8、 Win10
5	Video Signal	VGA/ DVI/ RF/ S-VIDEO/ RGBHV/ YUV/ YC/ COMPOSITION and so on
6	Communication Distance	Cat5 UTP 100 meters, Multimode optical fiber 500 meters, single 15 km

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

