Holographic Invisible Screen

Series M

CE FC CCC CB RoHS ⒺⓄ Ⓟ ⒺⓂⒸ

www.muxwave.com
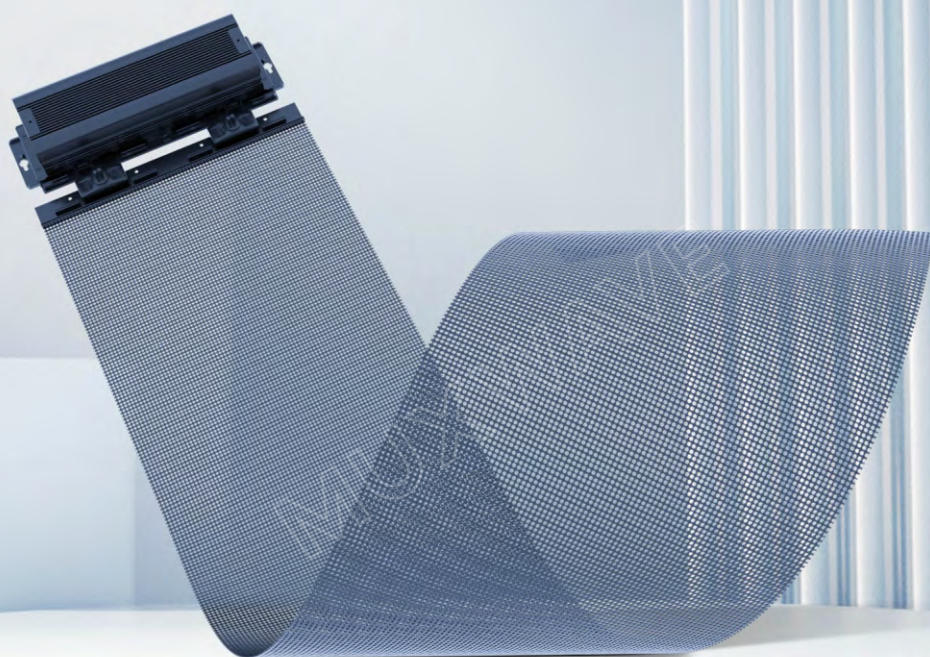
Transparent and invisible whole screen

The whole screen is transparent without frame;
it is seamlessly spliced in a large area;
the back side is invisible without floodlight.

Holographic 3D suspension images

Display effect of 3D holographic and
spatial suspension images.

Transparent and excellent image quality

Equally spaced pixel layout for high-definition
image quality; static scanning with combined
diver board for table images;
16bit gray scale with exquisite colors.

High brightness & high contrast

9,000:1 (high contrast),
5,000cd/m^2 (high brightness),
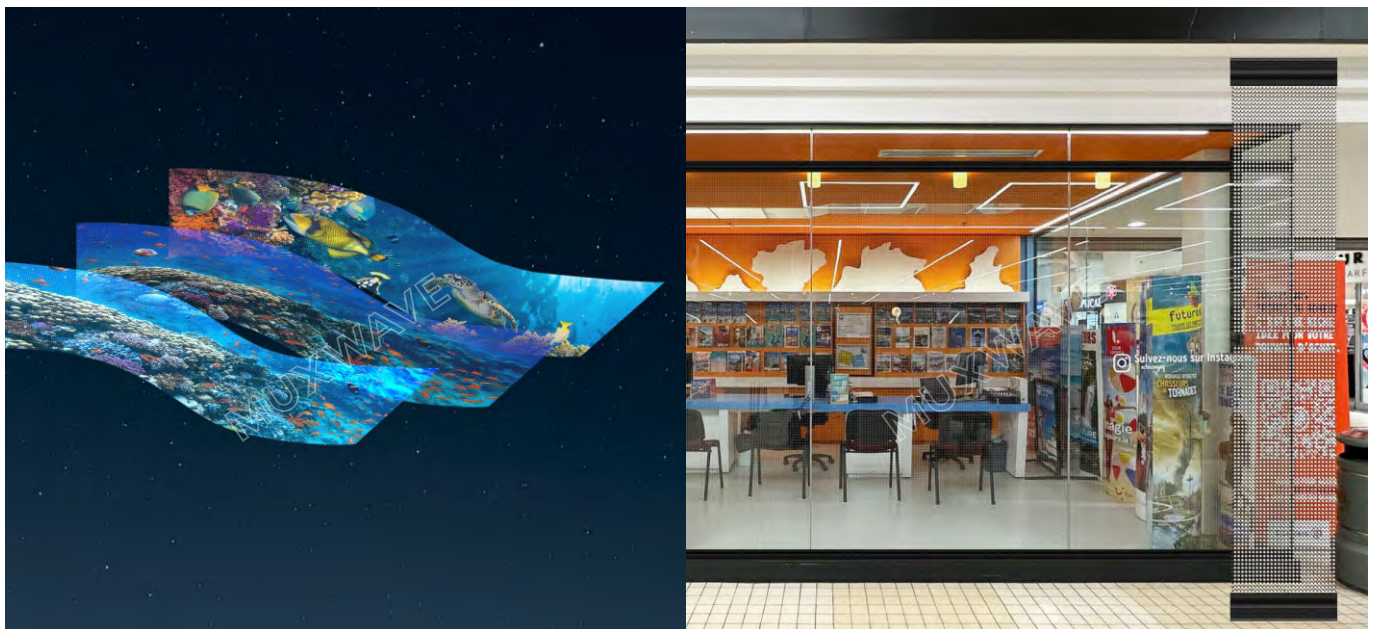dazzling and eye-catching.

Light weight of 6kg/㎡

With professional aesthetic design,
the display screen is lightweight and
beautiful and weighs only 6kg/㎡.

As thin as 1.8mm

The thickness of the screen is less than 2mm,
and it is seamlessly attached on a curved
surface to show an integral whole
on the transparent glass.

Flexible

Standard module can be bent andskillful
applications. It is the best partner of
curved glass and irregular screens.

Minimal installation
and maintenance

The product is modular and can be directly
attached to the front or back side of transparent
glass without damaging the original structure
of the building or affecting indoor lighting.

Muxwave holographic invisible screen products can realize different creative customized shapes such as flat and curved surfaces according to customer on-site needs, and can be widely used in commercial complex digital landscapes, airports, high-speed rail and subway station landmark digital landscapes, retail flagship store brand images, government And various occasions such as digital display in corporate exhibition halls, high-end brand exhibition halls, hotel creative applications, etc.
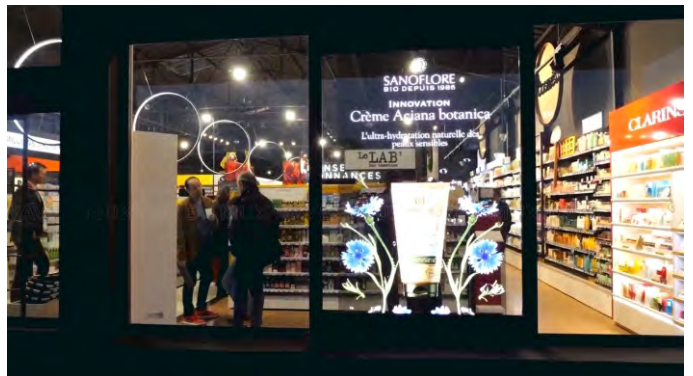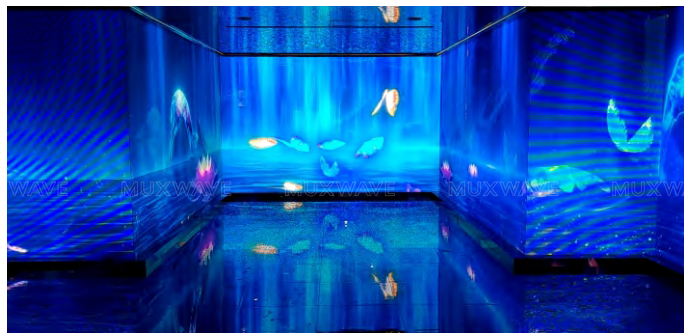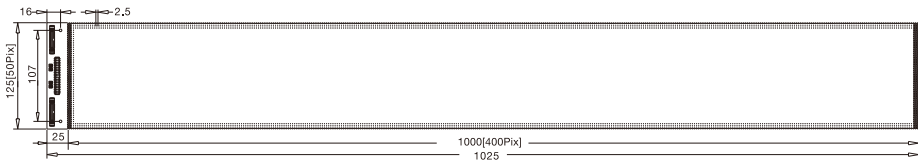
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Ultra-clear and ultra-thin, high-transparency and high-temperature resistant high-end materials are used. The light board is perfectly designed to easily achieve a permeability of up to 80%. The overall mounting without a structural skeleton, the screen body can be spliced left and right, up and down, and can achieve a display height or width of 2.4-3 meters. Commercial window, glass curtain wall and other indoor and outdoor scenes.
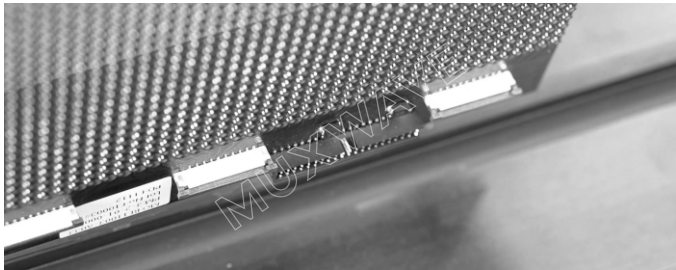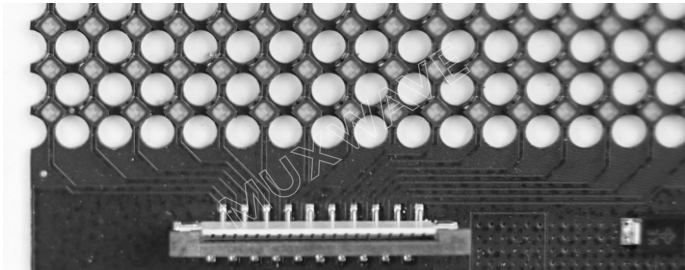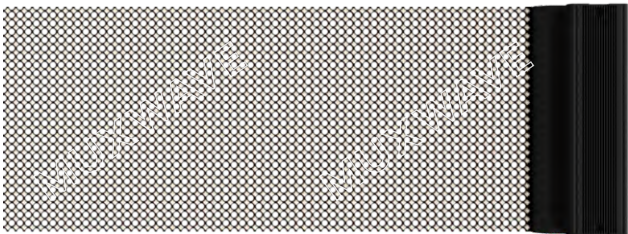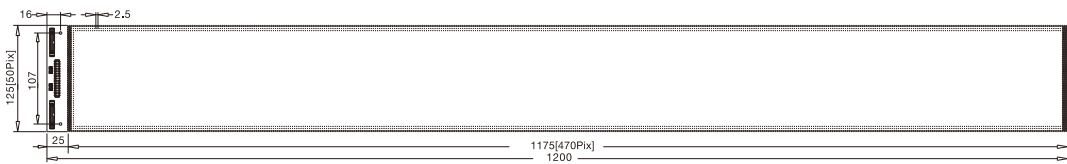

Holographic Invisible Screen · Series M2
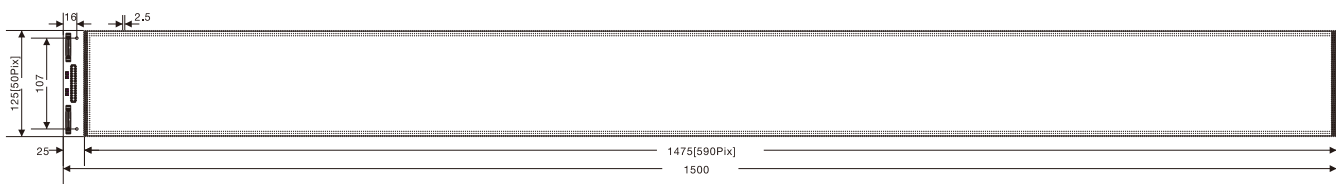
P2.5 Regular Screen

Module Dimension: 1025*125mm   400*50Pixel

Module Dimension: 1200*125mm   470*50Pixel

Module Dimension: 1500*125mm   590*50Pixel

Holographic Invisible Screen · Series M3

P3.9 Full Screen

Module Dimension
1000*250mm
256*64Pixel

Front View(Led Lamp Side)

Back View(PCB Side)

P3.9 Regular Screen

Module Dimension
1025*250mm
256*64Pixel

Module Dimension
1197*250mm
300*64Pixel

Module Dimension
1500*250mm
376*64Pixel

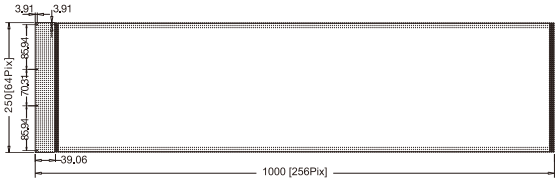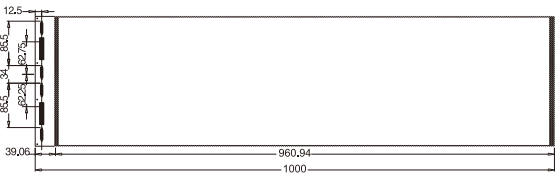**Module Dimension**
2000*250mm
504*64Pixel

Holographic Invisible Screen · Series M6

P6.25 Full Screen

Module Dimension
1200*250mm
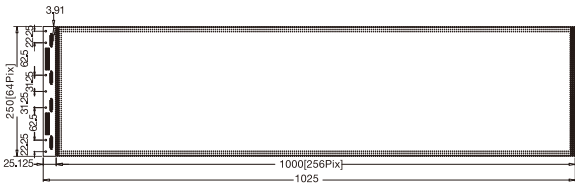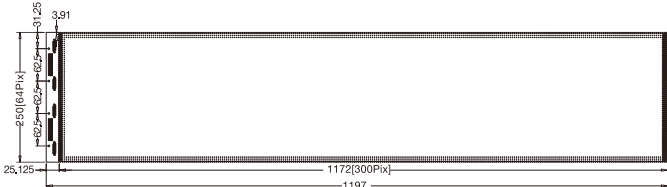192*40Pixel

Front View(Led Lamp Side)

Back View(PCB Side)

P6.25 Regular Screen
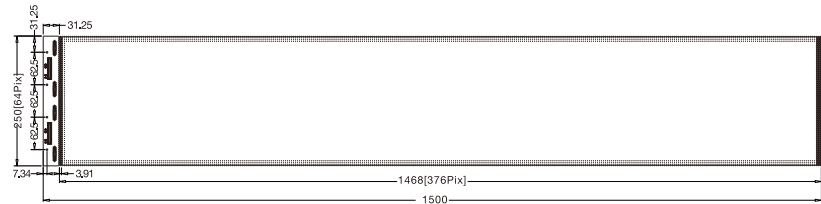
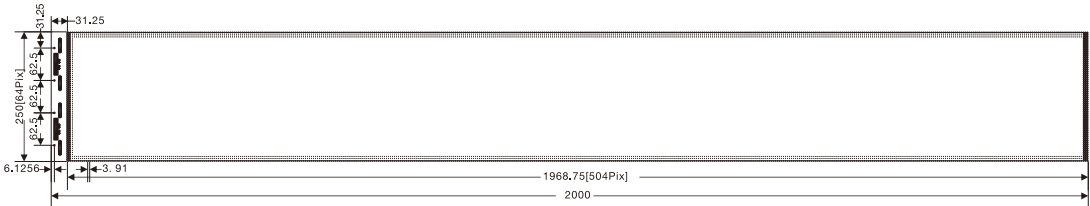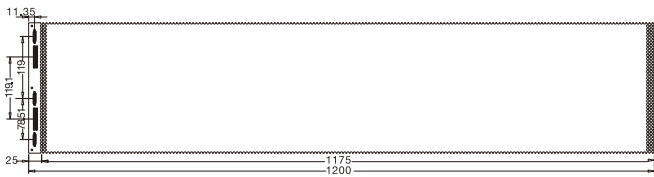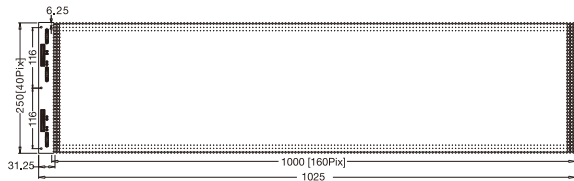Module Dimension
1025*250mm
160*40Pixel

Module Dimension
1200*250mm
188*40Pixel
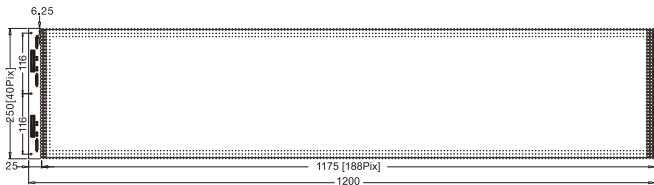
Module Dimension
1500*250mm
236*40Pixel
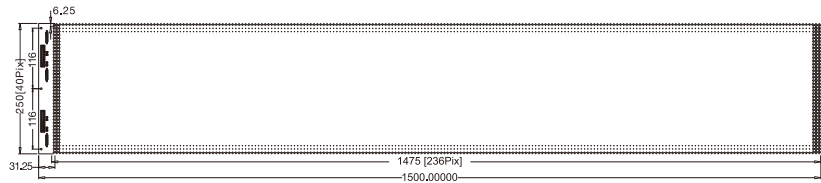
Module Dimension
2000*250mm
316*40Pixel

Version A Power Box

1. The installation and fixing holes are inside the power box, before the installation and removal of the power box, the cover of the power box needed to be removed.
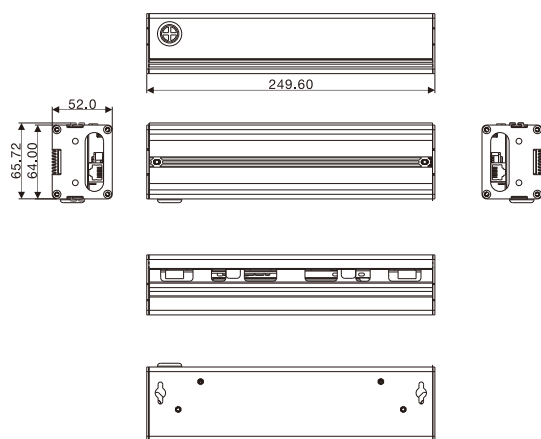
Version B Power Box

1. The installation and fixing holes are outside the power box, and the installation and removal do not need to disassemble the power box cover.
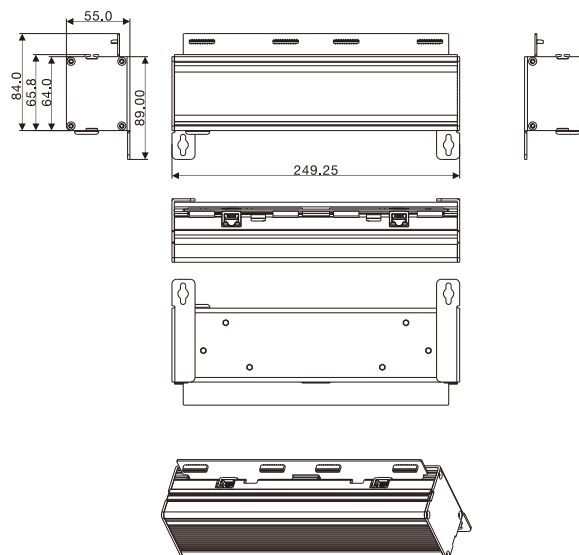
Version C Power Box

1. The installation and fixing holes are outside the power box, and the installation and removal do not need to disassemble the power box cover;
2. The FPC wiring scheme for the lamp board welding, the size is narrow.
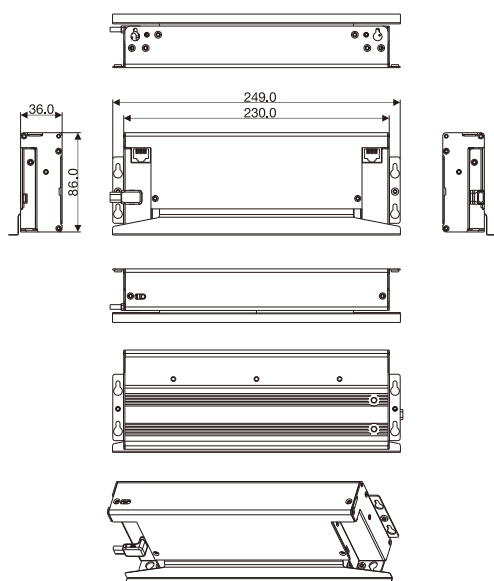
Version D Power Box

1. When installed at the inner arc side, the corners of the power boxes don't needed to be cut;
2. Compared with Version B Power Boxes, the width of decoration of Version D will be 37mm shorter;
3. There are spaces between the power boxes, hence make it easier to match and install them

System Topology

Camera · Website Information · Web Video · Amplifier · Speaker · Laptop · Desktop PC · Network TV Box · Synchronized LED Controller · Holographic Invisible Screen · External Network Computer · Router · Asynchronous LED Controller · Cloud Server · U Disk Play · Mobile Phone Control · Tablet Control · LAN Control · Power Distribution Box

—— Signal Line

---- Audio Line

---- Available Function

Synchronous functions and asynchronous functions are optional or both are available at the same time

Specifications

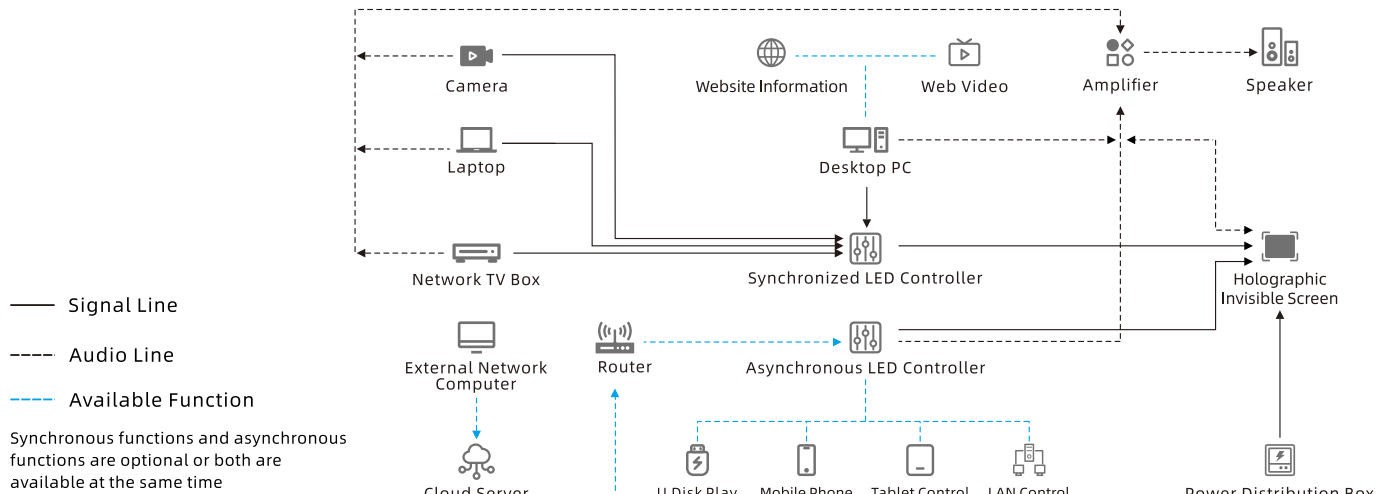| Model	M2			M3				M6			
Display Dimension (mm)(w*h)	125x1000	125x1175	125x1475	250x1000	250x1172	250x1469	250x1969	250x1000	250x1175	250x1475	250x1975
Profile Dimension (mm)(w*h)	125x1025	125x1200	125x1500	250x1025	250x1197	250x1500	250x2000	250x1025	250x1200	250x1500	250x2000
Resolution (dot)(w*h)	50x400	50x470	50x590	64x256	64x300	64x376	64x504	40x160	40x188	40x236	40x316
LED Specification	1515			2121				2121			
Pixel Pitch (mm) (horizontal / vertical)	2.5-2.5			3.91-3.91				6.25-6.25			
Pixel Density (dot/m²)	160000			65536				25600			
Transparency Rate	85%			92%				95%			
Brightness (cd/m²)	≥1000(Black Body)			≥3000(Black Body) ≥4500(White Body)		≥2000(Black Body) ≥3000(White Body)	≥1700(Black Body) ≥2550(White Body)	≥5000(White Body)		≥4500(White Body)	≥3000(White Body)
Maximum Power Consumption (w/m²)	608	608	608	684(Black Body) 577(White Body)	684(Black Body) 577(White Body)	526(Black Body) 414(White Body)	520(Black Body) 414(White Body)	552	552	502	440
Average Power Consumption (w/m²)	244	244	244	274(Black Body) 231(White Body)	274(Black Body) 231(White Body)	211(Black Body) 166(White Body)	208(Black Body) 177(White Body)	221	221	201	176
Weight (Kg/pcs)	0.2	0.25	0.3	0.4	0.5	0.6	0.8	0.4	0.5	0.6	1
Power Box Weight (Kg/pcs)	Type B and D is 1.1kg			Type B and D is 1.1kg				Type B and D is 1.1kg			
Color Temperature (K)	3000~10000			3000~10000				3000~10000			
Scanning Mode	Light & Driver Integrated, Static Driving			Light & Driver Integrated, Static Driving				Light & Driver Integrated, Static Driving			
Frame Rate(Hz)	60~120			60~120				60~120			
Lifespan	≥100,000.00 hours			≥100,000.00 hours				≥100,000.00 hours			
Pixel Configuration	16bit			16bit				16bit			
Input Voltage	AC100~240V 50/60 Hz			AC100~240V 50/60 Hz				AC100~240V 50/60 Hz			
Working Voltage for Module	DC 4.2V ± 0.2V			DC 4.2V ± 0.2V				DC 4.2V ± 0.2V			
Working Temperature	Temperature -20℃~50℃			Temperature -20℃~50℃				Temperature -20℃~50℃			
Working Humidity	Humidity: 20% -85%(Without Condensation)			Humidity: 20% -85% (Without Condensation)				Humidity: 20% -85% (Without Condensation)			
Storage Temperature	Temperature -20℃~60℃			Temperature -20℃~60℃				Temperature -20℃~60℃			
Storage Humidity	Humidity: 10% -85%(Without Condensation)			Humidity: 10% -85% (Without Condensation)				Humidity: 10% -85% (Without Condensation)			
Protetion Degree	IP 20			IP 20				IP 20			
Installation Method	PCB Side Glued			LED Side Glued、PCB Side Glued、Hanging Up				LED Side Glued、PCB Side Glued、Hanging Up			
Installation Environment	Indoor			Indoor				Indoor			
Module Packing Specification (16pcs per box)(mm)	L1295*W335*H270		L1570*W335*H270	L1295*W335*H270		L1570*W335*H270	L2085*W335*H270	L1295*W335*H270		L1570*W335*H270	L2085*W335*H270
Power Box Packing Specification (30pcs per box)(mm)	L1595*W335*H270			L1295*W335*H270				L1295*W335*H270			

Statement: The relevant parameters in the table are subject to real-time update, and the data is for reference only. Upgrade will be made without further notice.