SCREENZ

Transparent LED film

Product catalogue



www.screenz.eu





Transparent, frameless screen

The whole screen is transparent and frameless;
it joins seamlessly into large areas;
without backlighting the rear side is invisible.

Holographic 3D images

Holographic 3D images
that appear to float in space.



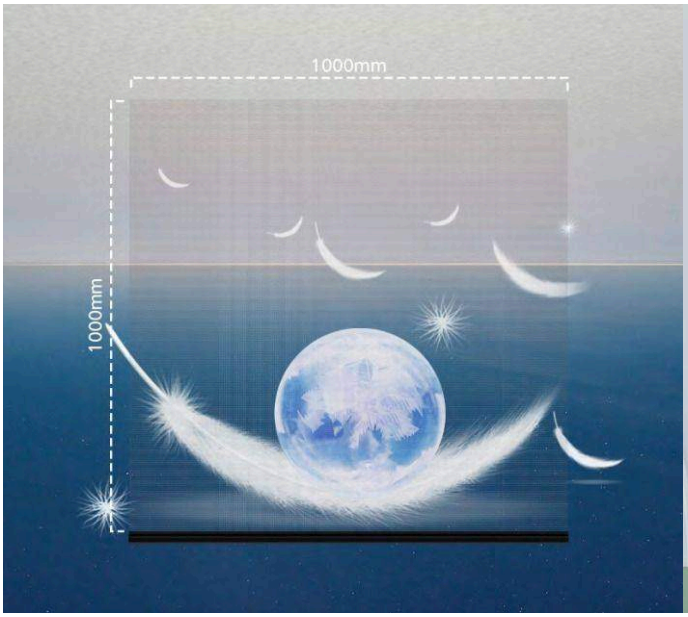


Transparency and excellent image quality

Evenly spaced pixels for a sharp image;
static driving with an integrated driver for a stable image;
16-bit greyscale for rich colours.

High brightness and contrast

Contrast 9,000:1,
brightness up to 5,000 cd/m²,
a striking, eye-catching display.



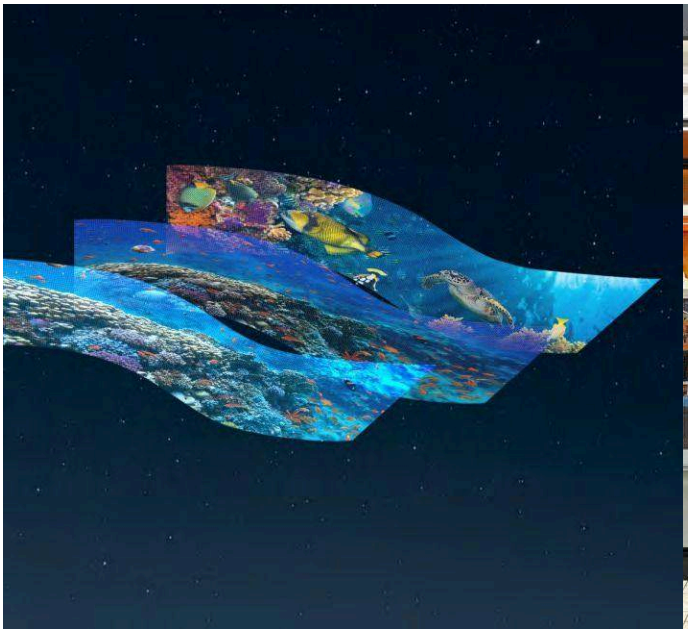


Lightweight design

Professional, aesthetic design:
the screen is light and elegant.

Only 1.8 mm thin

The screen is less than 2 mm thick and fits seamlessly even on curved surfaces, so it looks like a single whole on the transparent glass.





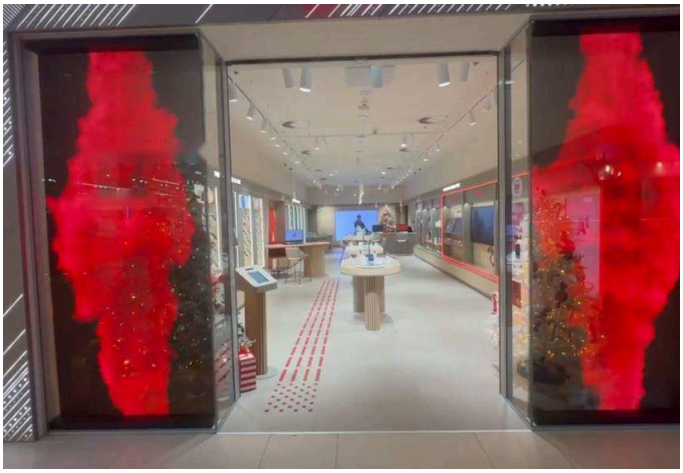
Flexible

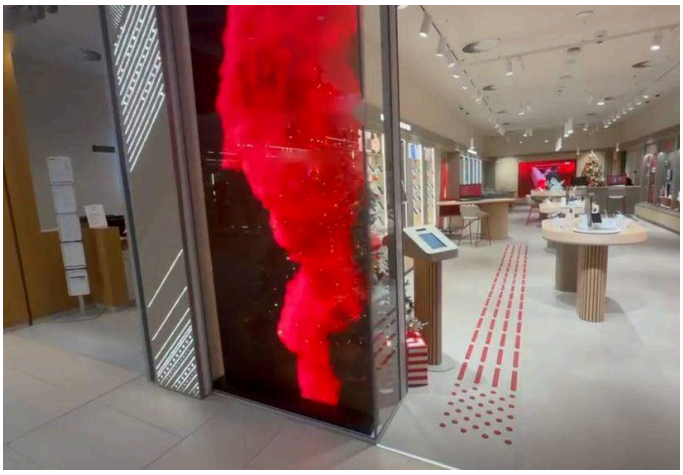
The standard module can be bent, making it ideal for curved glass and irregularly shaped screens.

Easy installation and maintenance

The modular film is applied directly to the front or back of the glass, without damaging the building structure or affecting daylight.

Transparent LED film can be made in custom shapes for flat and curved surfaces, according to the needs of each site. It is used in shopping centres, airports, railway and metro stations, flagship store windows, corporate and brand showrooms, hotels and anywhere a striking digital display on glass is needed.

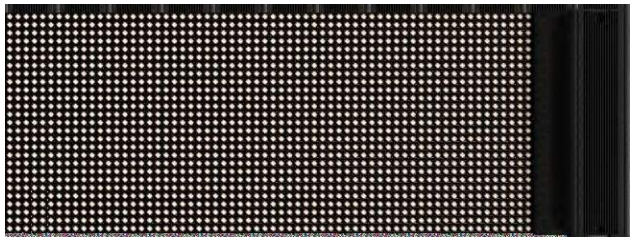


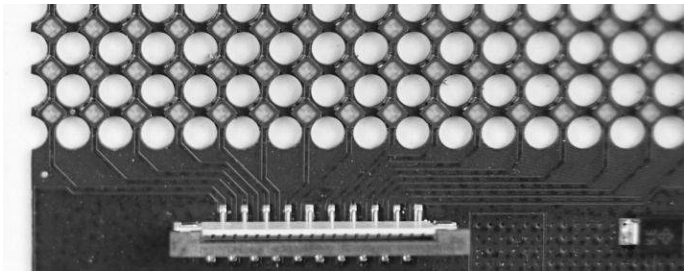


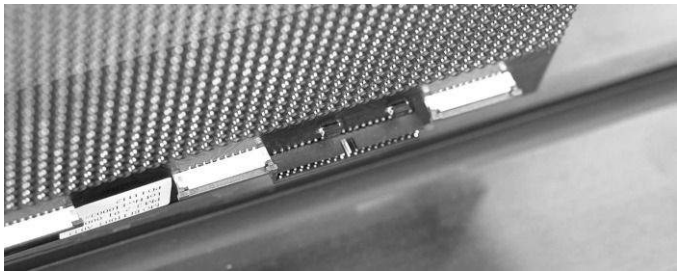

Right: a real Screenz installation – transparent LED film on the entrance of an A1 store.

Transparent LED film

Made of ultra-clear, ultra-thin, highly transparent and heat-resistant materials. The LED board is designed for a transparency of up to 80%. It is mounted without a supporting structure; the screen joins left-right and up-down and can reach a display height or width of 2.4 to 3 metres. For commercial windows, glass walls and other spaces.



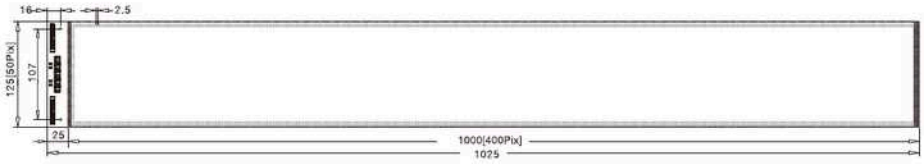




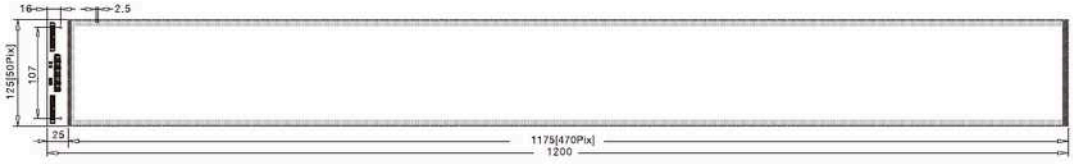
Model P2.5

P2.5 · standard version

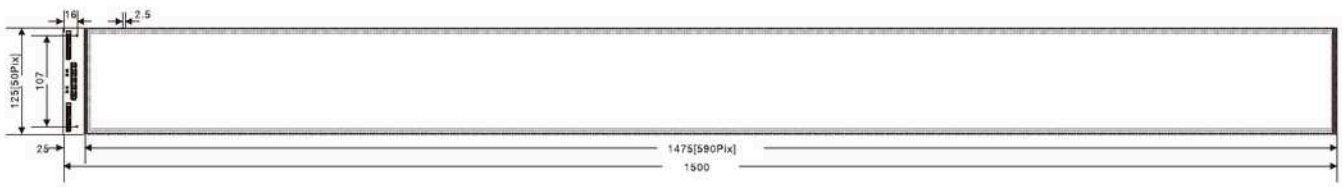
Module dimensions: 1025 × 125 mm 400 × 50 pixels



Module dimensions: 1200 × 125 mm 470 × 50 pixels



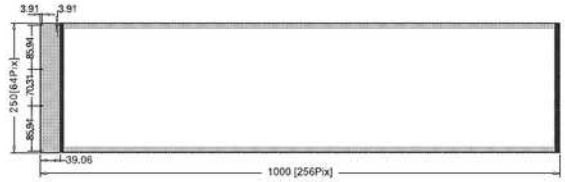
Module dimensions: 1500 × 125 mm 590 × 50 pixels



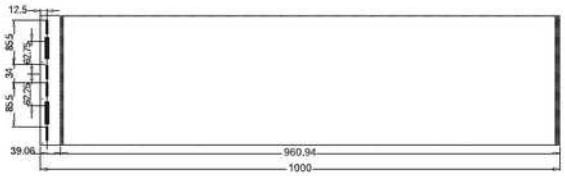
Model P3.9

P3.9 · Full Screen version

Module dimensions
1000 × 250 mm
256 × 64 pixels
Front view (LED side)

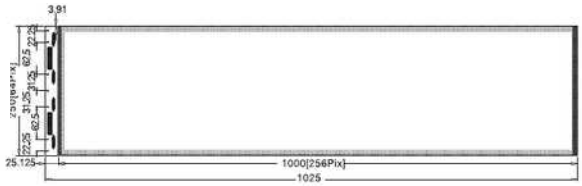


Back view (PCB side)

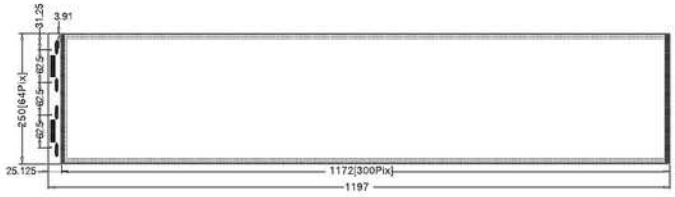


P3.9 · standard version

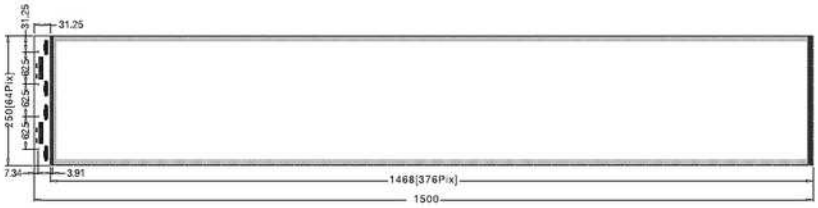
Module dimensions
1025 × 250 mm
256 × 64 pixels



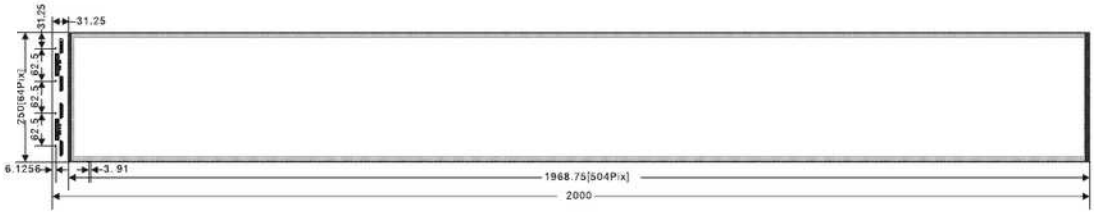
Module dimensions
1197 × 250 mm
300 × 64 pixels



Module dimensions
1500 × 250 mm
376 × 64 pixels



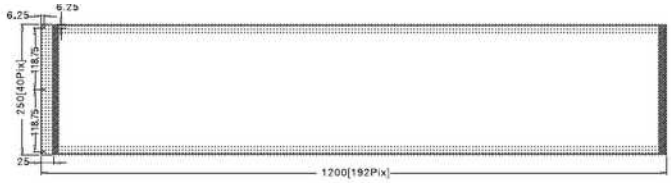
Module dimensions
2000 × 250 mm
504 × 64 pixels



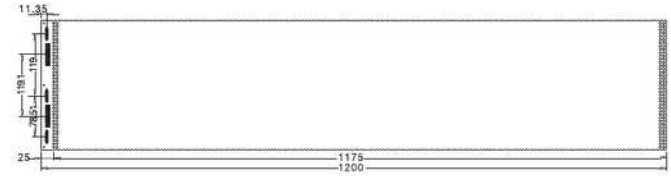
Model P6.25

P6.25 · Full Screen version

Module dimensions
1200 × 250 mm
192 × 40 pixels
Front view (LED side)

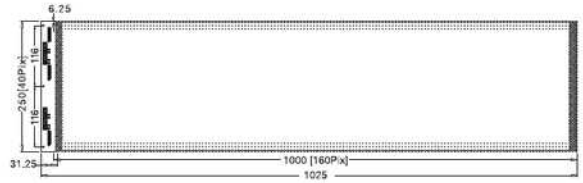


Back view (PCB side)

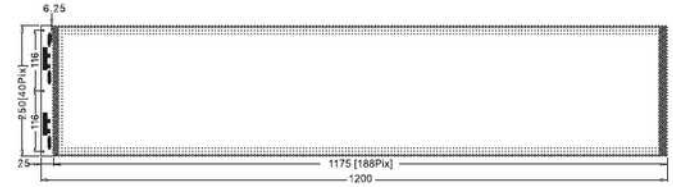


P6.25 · standard version

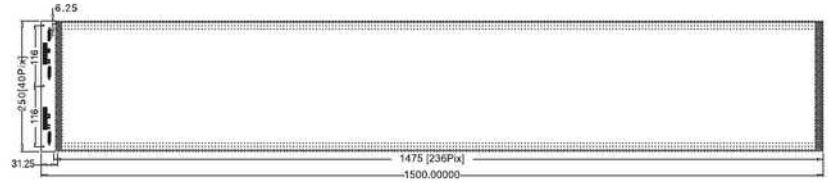
Module dimensions
1025 × 250 mm
160 × 40 pixels



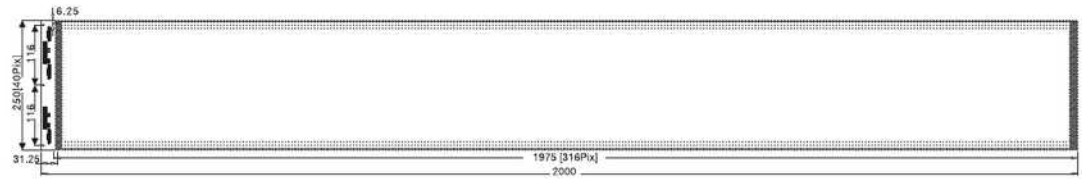
Module dimensions
1200 × 250 mm
188 × 40 pixels



Module dimensions
1500 × 250 mm
236 × 40 pixels

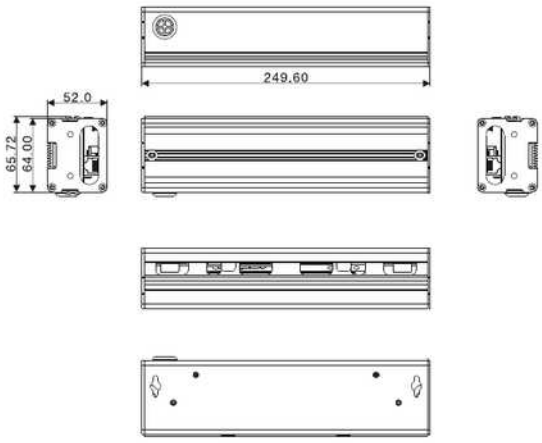


Module dimensions
2000 × 250 mm
316 × 40 pixels



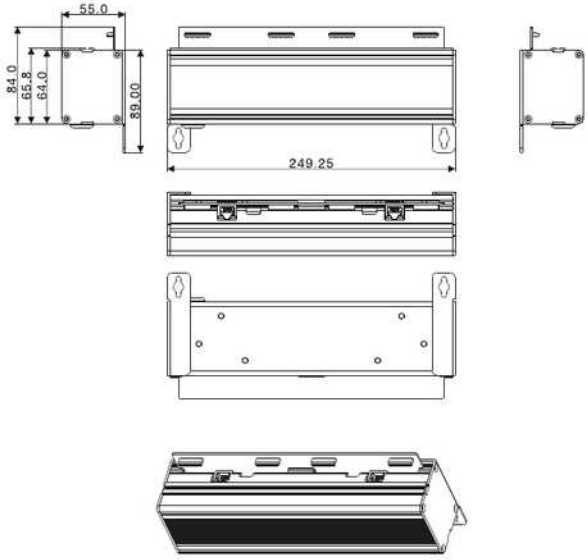
Power box – version A

1. The mounting and fixing holes are inside the power box; the cover must be removed before installation and removal.



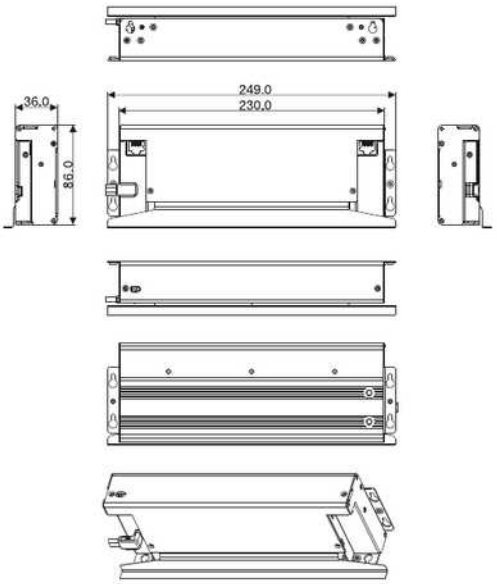
Power box – version B

1. The mounting and fixing holes are outside the power box; installation and removal do not require removing the cover.



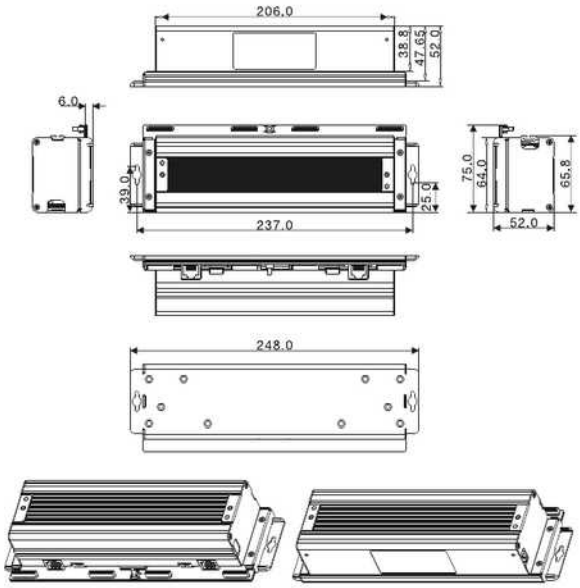
Power box – version C

1. The mounting and fixing holes are outside the power box; installation and removal do not require removing the cover;
2. The LED board is connected with an FPC cable, so this version is narrower.

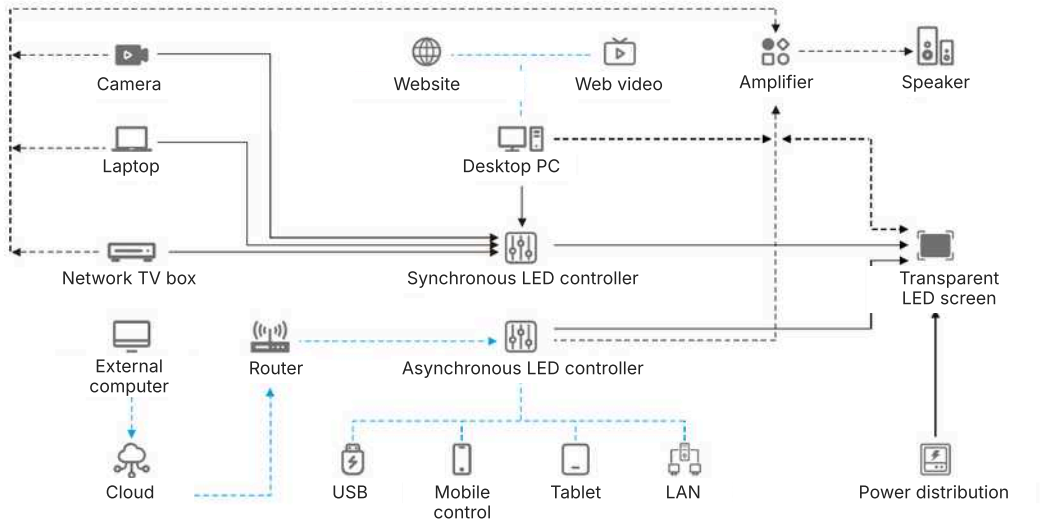


Power box – version D

1. When installed on the inner side of an arc, the corners of the power boxes do not need to be cut;
2. Compared with version B, the trim of version D is 37 mm narrower;
3. Gaps between the power boxes make them easier to fit and install.



System topology



Signal line

Audio line

Available function

Synchronous and asynchronous functions are optional and can also run at the same time.

Specifications

Model	P2.5			P3.9				P6.25			
Display dimensions (mm)	125×1000	125×1175	125×1475	250×1000	250×1172	250×1469	250×1969	250×1000	250×1175	250×1475	250×1975
Profile dimensions (mm)	125×1025	125×1200	125×1500	250×1025	250×1197	250×1500	250×2000	250×1025	250×1200	250×1500	250×2000
Resolution (dots)	50×400	50×470	50×590	64×256	64×300	64×376	64×504	40×160	40×188	40×236	40×316
LED type	1515			2121				2121			
Pixel pitch (mm)	2.5			3.91				6.25			
Pixel density (dots/m²)	160,000			65,536				25,600			
Transparency	85%			92%				95%			
Brightness (cd/m²)	≥ 1,000 (black)			≥ 3,000 (black) ≥ 4,500 (white)		≥ 2,000 (black) ≥ 3,000 (white)	≥ 1,700 (black) ≥ 2,550 (white)	≥ 5,000 (white)		≥ 4,500 (white)	≥ 3,000 (white)
Max. power (W/m²)	608	608	608	684 black 577 white	684 black 577 white	526 black 414 white	520 black 414 white	552	552	502	440
Avg. power (W/m²)	244	244	244	274 black 231 white	274 black 231 white	211 black 166 white	208 black 177 white	221	221	201	176
Module weight (kg)	0.2	0.25	0.3	0.4	0.5	0.6	0.8	0.4	0.5	0.6	1
Power box weight	versions B and D: 1.1 kg			versions B and D: 1.1 kg				versions B and D: 1.1 kg			
Colour temperature (K)	3,000–10,000			3,000–10,000				3,000–10,000			
Driving mode	integrated driver, static driving			integrated driver, static driving				integrated driver, static driving			
Frame rate (Hz)	60–120			60–120				60–120			
Lifespan	≥ 100,000 h			≥ 100,000 h				≥ 100,000 h			
Greyscale	16 bit			16 bit				16 bit			
Input voltage	AC 100–240 V, 50/60 Hz			AC 100–240 V, 50/60 Hz				AC 100–240 V, 50/60 Hz			
Module working voltage	DC 4.2 V ± 0.2 V			DC 4.2 V ± 0.2 V				DC 4.2 V ± 0.2 V			
Working temperature	-20 to +50 °C			-20 to +50 °C				-20 to +50 °C			
Working humidity	20–85% (non-condensing)			20–85% (non-condensing)				20–85% (non-condensing)			
Storage temperature	-20 to +60 °C			-20 to +60 °C				-20 to +60 °C			
Storage humidity	10–85% (non-condensing)			10–85% (non-condensing)				10–85% (non-condensing)			
Protection	IP20			IP20				IP20			
Installation	PCB side glued			LED or PCB side glued, hanging				LED or PCB side glued, hanging			
Environment	indoor			indoor				indoor			
Module packing, 16 pcs (mm)	1295×335×270	1570×335×270		1295×335×270	1570×335×270	2085×335×270		1295×335×270	1570×335×270	2085×335×270	
Power box packing, 30 pcs (mm)	1595×335×270			1295×335×270				1295×335×270			

Note: the data in the table are for reference only and subject to change without notice. “Black” and “white” refer to the colour of the module PCB.

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