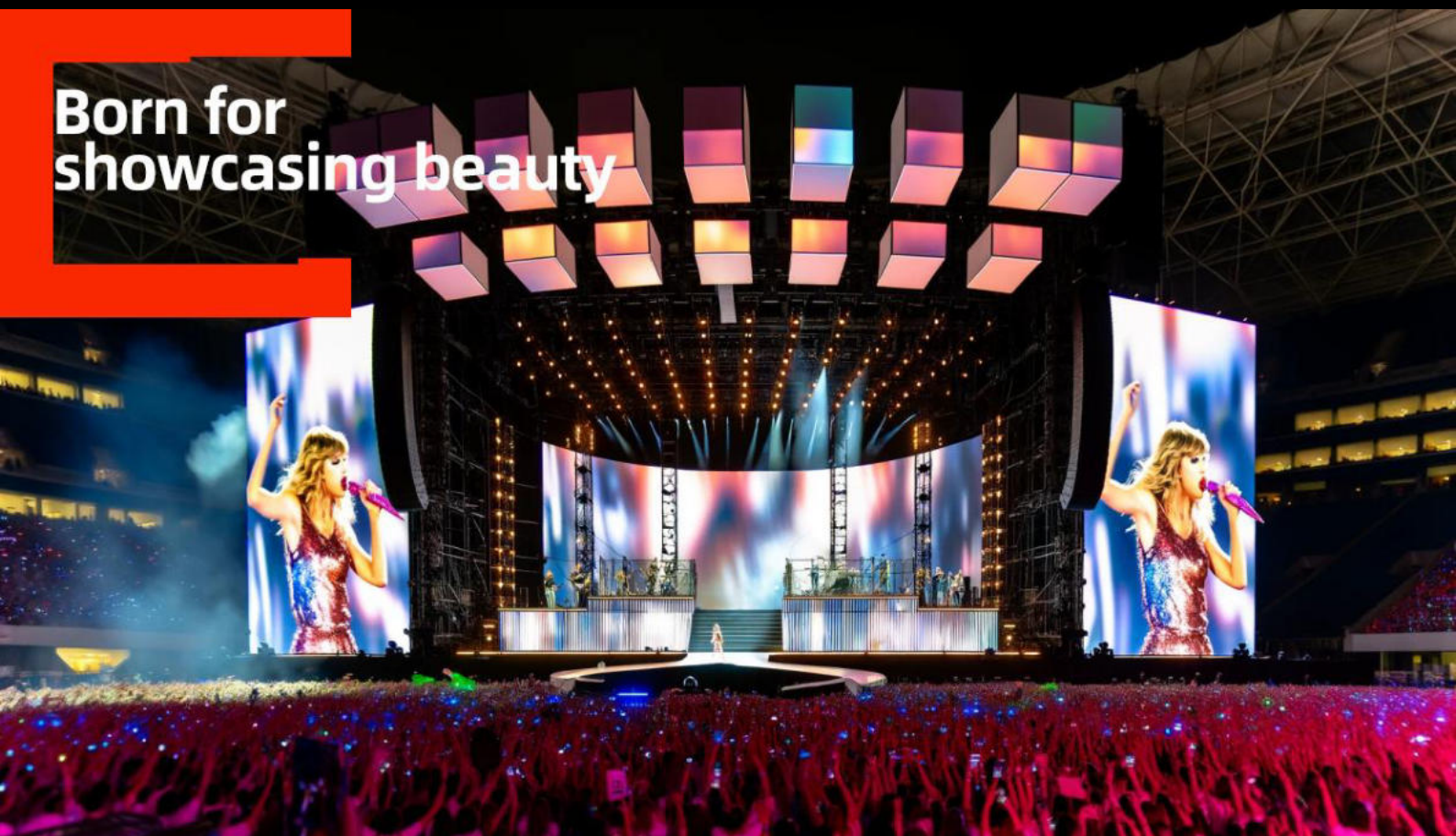


Born for
showcasing beauty



The Next Level LED Panel for Rental Solutions

SOIART
SOUND & LIGHTING



Patented Design

125x500mm

The patented 125x500mm is meticulously designed to eliminate vertical gaps and significantly minimize the risk of edge bumps, offering a seamless viewing experience. By reducing the number of connectors, our innovative approach ensures enhanced stability.



1. The panel is only 65mm, making it slim, portable, easy to install, and convenient for storage and transportation.



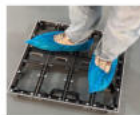
2. The CNC precision-milled cabinet achieves an accuracy of 5 threads and provides a seamless visual display with no visible lines.



7. Module dimensions of 500*125mm, eliminating cross seams on the enclosure.



8. Carefully designed protective corners to prevent collisions.



3. The multi-rib reinforced structural design ensures its strength and resistance to large weights.*



4. Embedded module design, lightweight and sturdy.



5. Module fool-proof design, safe and reliable module replacement.



6. Superior collision resistance, capable of withstanding a 3.5kg push test.



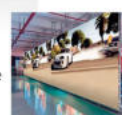
11. 4-layer high-quality PCB for stable and reliable display performance.



9. Industry-exclusive zip tie hole design for quick installation.

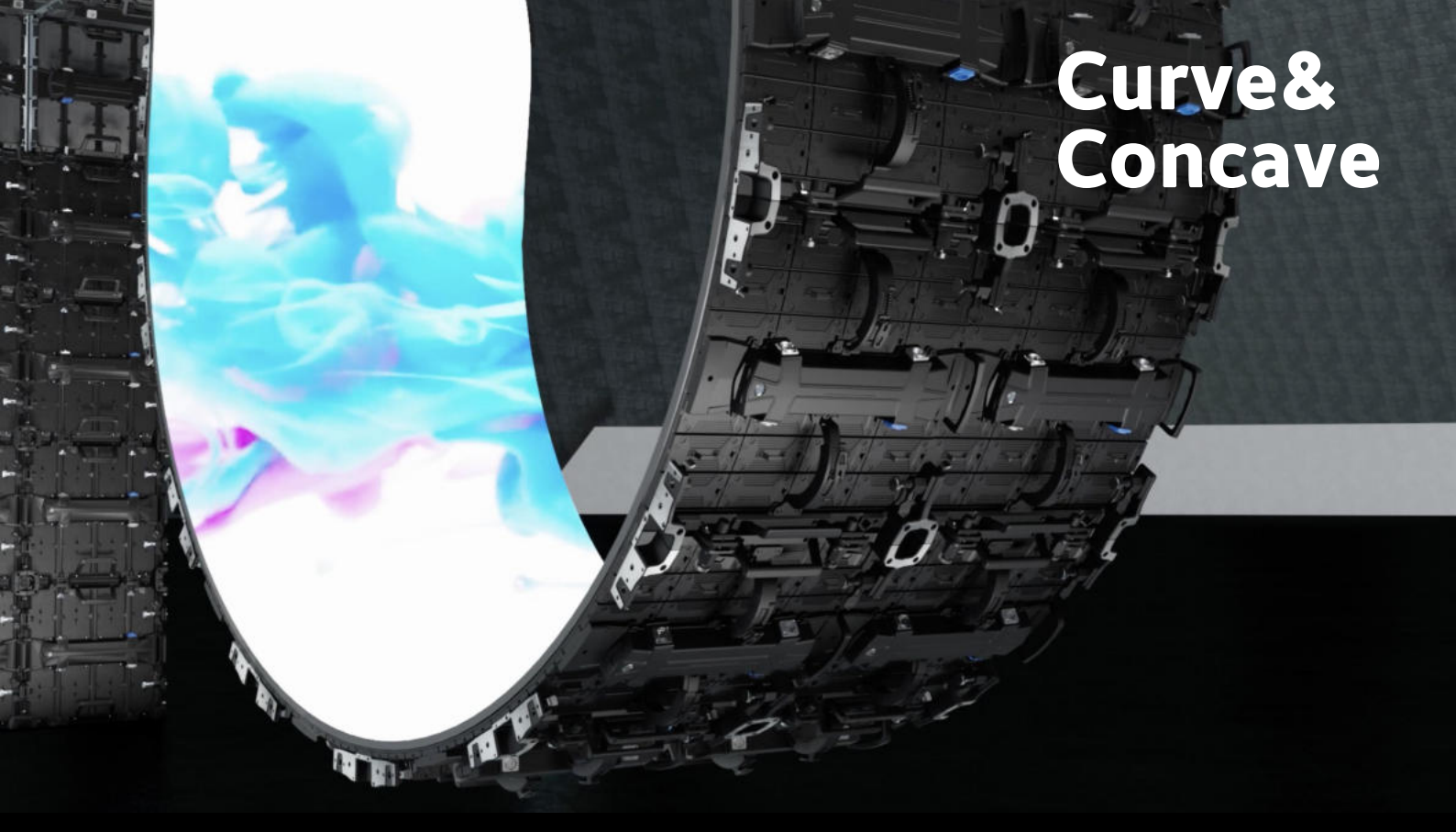


10. The bottom of the panel features 5mm high collision-resistant pillars to protect the bottom LEDs of the panel.



12. 15. High refresh rate of up to 7680Hz.

Curve & Concave

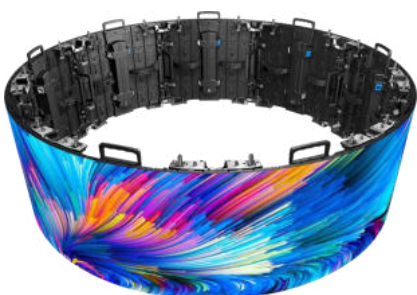


Perfect Curves

Explore the latest in LED innovation with our next-generation Curved LED Panel from the acclaimed FC series, designed for seamless integration on both flat and curved surfaces. With the ability to bend up to 40 degrees, our FC LED panels offer unparalleled flexibility, allowing for smooth convex and concave curves without any flat sections.

Next Generation of curved LED Display

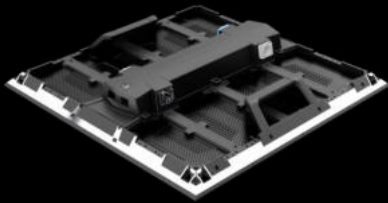
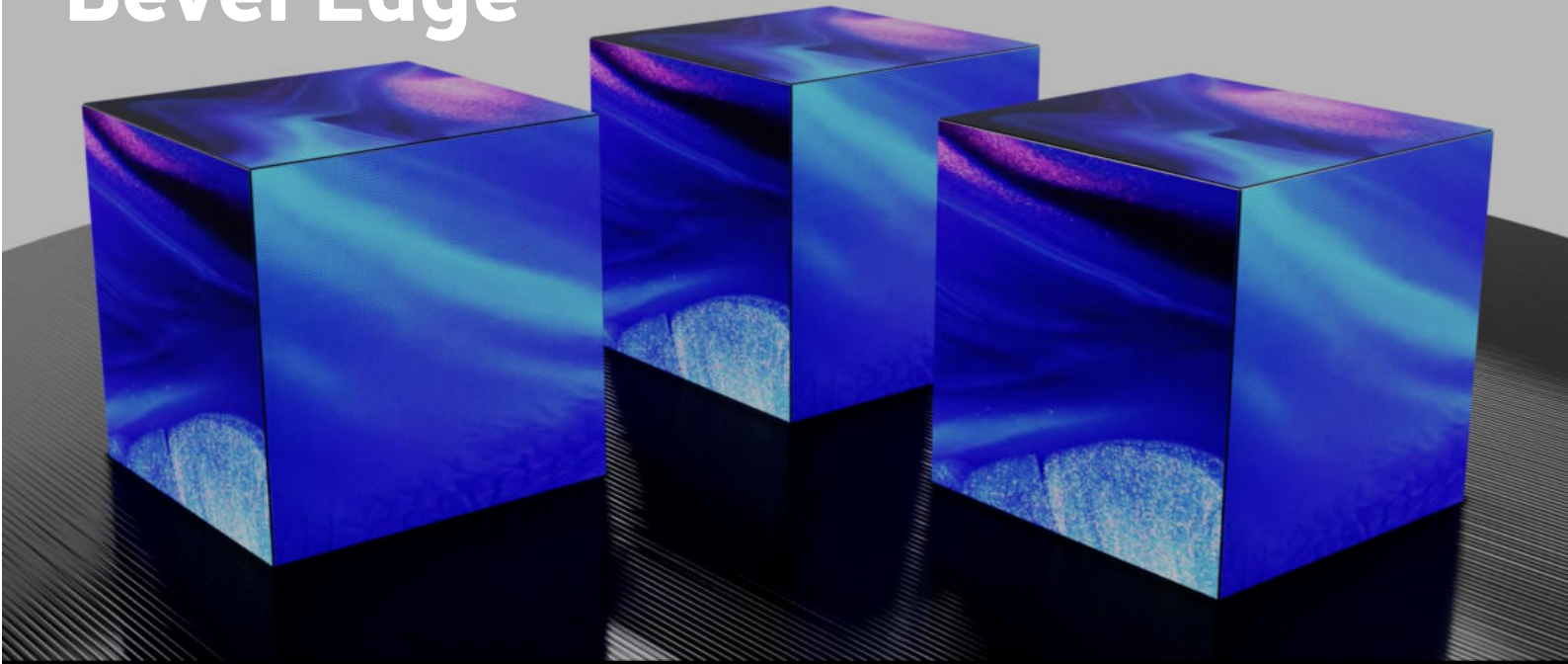
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Circle LED Screen

A single panel, capable of bending at a 40° angle, allows for versatile configurations: with 9 enclosures, it can form an expansive outer curved screen, whereas 12 enclosures facilitate the creation of an immersive inner curved display.

Bevel Edge



HDR
supported LED
technology

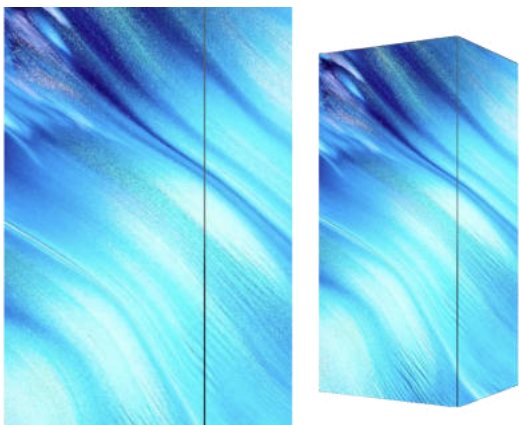
HDR



Easy
maintenance

Hassle-Free Cube

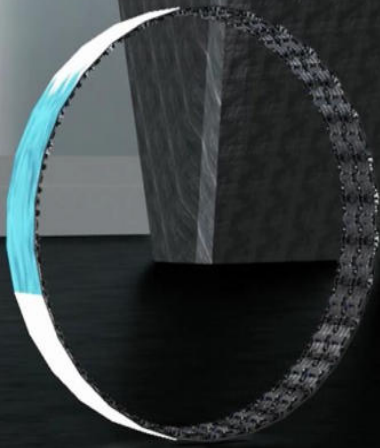
The 500x500mm bevel-edged LED cabinet, equipped with a rapid interlocking system, simplifies the creation of a seamless LED cube, unlocking limitless creative possibilities for your events. This design not only facilitates easy assembly but also ensures a flawless visual continuity, perfect for enhancing the ambiance of any occasion with innovative and captivating displays.



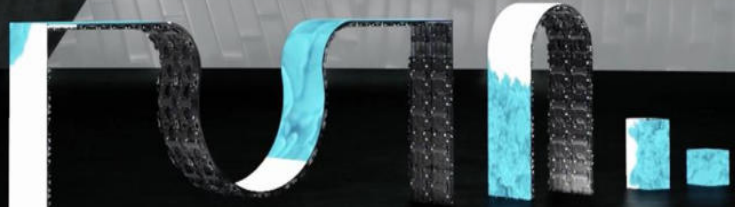
LED Column

Bevel Edge LED Displays provide a crisp, clear, and continuous image across multiple panels, transforming any space into a captivating digital canvas. As we delve deeper into the capabilities and applications of this cutting-edge technology, it becomes clear that Bevel Edge LED Displays are setting new standards for display solutions, combining form and function in ways previously unimagined.

Compatibility



LED Circle

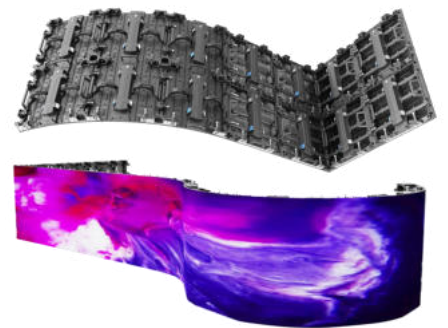


Waved LED

LED Cube

Enhanced Compatibility

Versatile Configuration: Mix FC's curved or concave LED cabinets with flat LED cabinets for dynamic stage production. Achieve innovative designs by combining different panel types, expanding the possibilities for stage visuals.



Universal Control Box

The power supply box is universal and compatible with multiple types of cabinets: The Magic straight-edge cabinet, Magic beveled-edge cabinet, Magic curved cabinet and KP 100 cabinet.

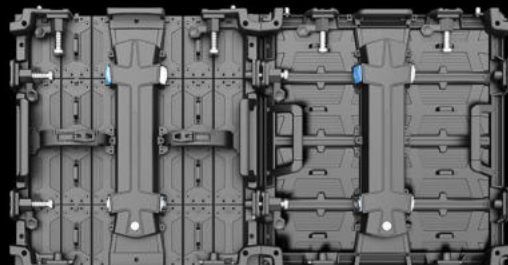
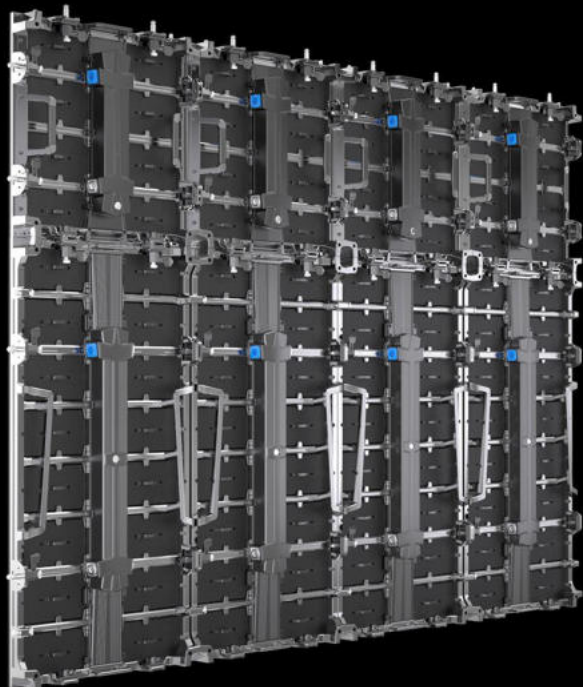
Universal PCB

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125x500mm

Specification



Magic Series										
No.	product	P1.95 indoor(HOB)	P2.6 indoor	P2.9 indoor	P3.9 indoor	P2.9 outdoor	P3.9 outdoor	P3.9 outdoor	P3.9 outdoor	P4.8 outdoor
1	Product model	P1.95	P2.6	P2.9	P3.91	P2.9	P3.91	P3.91	P3.91	P4.81
2	Pixel pitch (mm)	1.953	2.604	2.976	3.9062	2.976	3.9062	3.9062	3.9062	4.8076
3	Lamp model	SMD1212	SMD1515	SMD1515	SMD2020	SMD1415 white LED	SMD1921 white LED	SMD1921 black LED	SMD1921 white LED	SMD1921 white LED
4	Module pixel resolution(dots)	256*64	192*48	168*84	128*32	168*84	128*32	128*32	128*32	104*26
5	Module pixels (dots)	16384	9216	14112	4096	7056	4096	4096	4096	2704
6	Module size(mm)	500*125	500*125	500*125	500*125	500*125	500*125	500*125	500*125	500*125
7	Pixel density (dot/m²)	262144	147456	112896	65536	112896	65536	65536	65536	43264
8	Viewing distance (m)	3	3	5	8	5	8	8	8	10
9	Brightness(nits)	600~800	800~1000	800~1000	800~1000	4500~5000	4000~4500	4000~4500	6000~6500	3500~4000
10	White color temperature(°)	6000~10000	6000~10000	6000~10000	6000~10000	6000~10000	6000~10000	6000~10000	6000~10000	6000~10000
11	Viewing angle (°)	H:160 V:140	H:160 V:140	H:160 V:140	H:160 V:140	H:160 V:140	H:160 V:140	H:160 V:140	H:160 V:140	H:160 V:140
12	Panel pixle resolution (dots)	256*256	192*192	168*168 168*384	128*128 128*256	168*168 168*384	128*128 128*256	128*128 128*256	128*128 128*256	104*104 104*208
13	Panel dimention	500*500*65	500*500*65	500*500*65 500*1000*65	500*500*65 500*1000*65	500*500*65 500*1000*65	500*500*65 500*1000*65	500*500*65 500*1000*65	500*500*65 500*1000*65	500*500*65 500*1000*65
14	Cabinet material	Die-casting Aluminum	Die-casting Aluminum	Die-casting Aluminum	Die-casting Aluminum	Die-casting Aluminum	Die-casting Aluminum	Die-casting Aluminum	Die-casting Aluminum	Die-casting Aluminum
15	Panel weight	≈7.3KG	≈6.6KG	≈6.6KG ≈10.5KG	≈6.6KG ≈10.5KG	≈7KG ≈11.5KG	≈7KG ≈11.5KG	≈7KG ≈11.5KG	≈7KG ≈11.5KG	≈7KG ≈11.5KG
16	Grey scale	14~16Bit x RGB	14~16Bit x RGB	14~Bit x RGB	14~16Bit x RGB	14~16Bit x RGB	14~16Bit x RGB	14~16Bit x RGB	14~16Bit x RGB	14~16Bit x RGB
17	Brightness adjustment method	100 classes adjustment	100 classes adjustment	100 classes adjustment	100 classes adjustment	100 classes adjustment	100 classes adjustment	100 classes adjustment	100 classes adjustment	100 classes adjustment
18	Frame frequency	60Hz/50Hz	60Hz/50Hz	60Hz/50Hz	60Hz/50Hz	60Hz/50Hz	60Hz/50Hz	60Hz/50Hz	60Hz/50Hz	60Hz/50Hz
19	Refresh rate(Hz)	7680	7680	7680	7680	7680	3840*7680	3840*7680	3840*7680	3840*7680
20	Driving method	1/32 scanning	1/24 scanning	1/21 scanning	1/16 scanning	1/21 scanning	1/16 scanning	1/8 scanning	1/8 scanning	1/13 scanning
21	Working Voldtage(V)	AC100-240 AC180-240	AC100-240 AC180-240	AC100-240 AC180-240	AC100-240 AC180-240	AC100-240 AC180-240	AC100-240 AC180-240	AC100-240 AC180-240	AC100-240 AC180-240	AC100-240 AC180-240
22	Input Power HZ	50/60	50/60	50/60	50/60	50/60	50/60	50/60	50/60	50/60
23	Max Power consumption/ panel(W)	≈120	≈120	≈120 ≈240	≈120 ≈240	≈150 ≈300	≈150 ≈300	≈200 ≈400	≈200 ≈400	≈150 ≈300
24	Power consumption/ panel(W)	≈60	≈60	≈60 ≈120	≈60 ≈120	≈80 ≈150	≈80 ≈150	≈110 ≈220	≈110 ≈220	≈80 ≈150
25	Lifespan(H)	≥50000	≥50000	≥50000	≥50000	≥50000	≥50000	≥50000	≥50000	≥50000
26	IP Level	IP30	IP30	IP30	IP30	Front IP65/Rear IP54	Front IP65/Rear IP54	Front IP65/Rear IP54	Front IP65/Rear IP54	Front IP65/Rear IP54