

EXPAND YOUR VISION WITH FLEXILED:

INFINITE TRANSFORMATION ENDLESS INSPIRATION

Budget-friendly Choice for Full-color LED Displays

Regular Indoor Modules:	P1.5, P1.8, P2, P2.5, P3, P4
Regular Outdoor Modules:	P3, P4, P5, P6, P8, P10
Soft Modules:	P1.5, P1.8, P2, P2.5
Cut-edge Modules:	P1.5, P1.8, P2, P2.5, P4, P50





Key Features



Flexible Splicing

- The modular kit, made of polymer material, ensures superb splicing accuracy and screen flatness
- Smaller product size makes an ideal choice for flexible splicing



Durable Protection

- Completely sealed module using a special glue-feed technology creates excellent water and dust resistance for IP65-level protection for outdoor products
- Highly corrosion-proof fixed copper lamp bracket



Precise Display

- PWM driver IC provides a high refresh rate and guarantees accurate reproduction
- Exquisite display with a wide viewing angle, pure and consistent color, and stable and uniform brightness



High Stability

- SMD-encapsulated lamp beads are soldered onto the PCB board using surface mount technology
- Electric connectors equipped with gold-coated signal socket connectors and flame-retardant power socket connectors ensure durability and reliability



Creative Shape Splicing

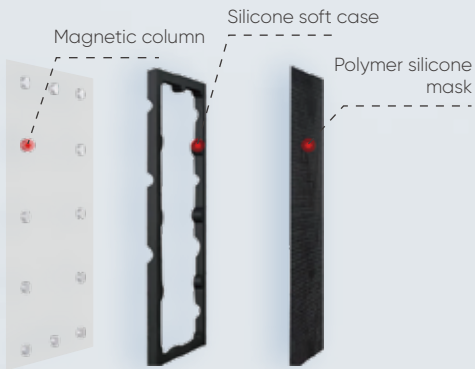
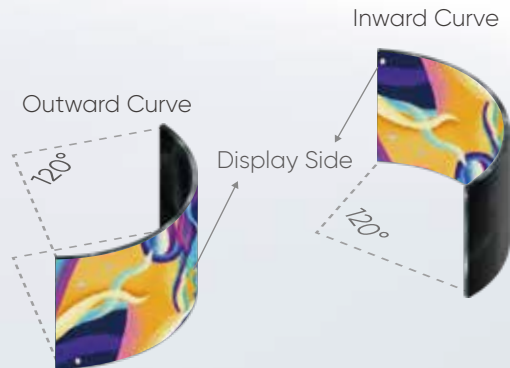
- Specially designed soft LED modules and cut-edge LED modules simplify the building of cylinder screens and column screens

Soft LED Module



High flexibility

Enjoy creative splicing with 120-degree flexibility for both concave and convex bending



Stable installation

An updated magnetic column improves the soft LED module's mount on the bracket, making installation more secure

Applications



Cut-edge LED Module



No extra cuts needed

Cut-edge modules ensure no extra cuts or seams are needed for curved displays



Extended splicing angles

Splice the display outward to anywhere from 90 to 180 degrees

Applications



Regular Indoor LED Modules

Model Name	LED-M15HI	LED-M18HI	LED-M20HI	LED-M20NI	LED-M25HI
Pixel Pitch (mm)	1.538	1.86	2	2	2.5
Lamp Size	SMD1212	SMD1515	SMD1515	SMD1515	SMD1515
Size (mm)	320 x 160	320 x 160	320 x 160	320 x 160	320 x 160
Resolution	208 x 104	172 x 86	160 x 80	160 x 80	128 x 64
Brightness (nits)	500	500	500	500	500
Refresh Rate (Hz)	3,840	3,840	3,840	1,920	3,840
Contrast Ratio	5,000 : 1				
Weight (g)	470	486	525	525	457
Maintenance	Front maintenance				
Gray Level (bit)	16	16	16	14	16

Model Name	LED-M25NI	LED-M30HI	LED-M30NI	LED-M40HI	LED-M40NI
Pixel Pitch (mm)	2.5	3	3	4	4
Lamp Size	SMD1515	SMD2020	SMD2020	SMD2020	SMD2020
Size (mm)	320 x 160	192 x 192	192 x 192	320 x 160	320 x 160
Resolution	128 x 64	64 x 64	64 x 64	80 x 40	80 x 40
Brightness (nits)	500	500	500	500	500
Refresh Rate (Hz)	1,920	3,840	1,920	3,840	1,920
Contrast Ratio	5,000 : 1				
Weight (g)	457	230	230	335	335
Maintenance	Front maintenance				
Gray Level (bit)	14	16	14	14	14

Regular Outdoor LED Modules

Model Name	LED-M30H0	LED-M30N0	LED-M40H0	LED-M40N0	LED-M50H0	LED-M50N0
Pixel Pitch (mm)	3.076	3.076	4	4	5	5
Lamp Size	SMD1415	SMD1415	SMD1921	SMD1921	SMD1921	SMD1921
Size (mm)	320 x 160	320 x 160	320 x 160	320 x 160	320 x 160	320 x 160
Resolution	104 x 52	104 x 52	80 x 40	80 x 40	64 x 32	64 x 32
Brightness (nits)	4,500	4,500	4,500	4,500	4,500	4,500
Refresh Rate (Hz)	3,840	1,920	3,840	1,920	3,840	1,920
Viewing Angle	Horizontal 160° vertical 140°	Horizontal 160° vertical 140°	Horizontal 160° vertical 140°	Horizontal 160° vertical 140°	Horizontal 160° vertical 140°	Horizontal 160° vertical 140°
Protection Level	IP65 (Front)					
Gray Level (bit)	14					

Model Name	LED-M60H0	LED-M60N0	LED-M80H0	LED-M80N0	LED-MA0H0	LED-MA0N0
Pixel Pitch (mm)	6	6	8	8	10	10
Lamp Size	SMD1921	SMD1921	SMD2727	SMD2727	SMD2727	SMD2727
Size (mm)	192 x 192	192 x 192	320 x 160	320 x 160	320 x 160	320 x 160
Resolution	32 x 32	32 x 32	40 x 20	40 x 20	32 x 16	32 x 16
Brightness (nits)	4,500	4,500	4,500	4,500	4,500	4,500
Refresh Rate (Hz)	3,840	1,920	3,840	1,920	3,840	1,920
Viewing Angle	Horizontal 160° vertical 140°	Horizontal 160° vertical 140°	Horizontal 140° vertical 120°	Horizontal 140° vertical 120°	Horizontal 140° vertical 120°	Horizontal 140° vertical 120°
Protection Level	IP65 (Front)					
Gray Level (bit)	14					

Cut-edge Outdoor LED Modules

Model Name	LED-M40H0/C	LED-M40N0/C	LED-M50H0/C	LED-M50N0/C
Pixel Pitch (mm)	4	4	5	5
Lamp Size	SMD1921	SMD1921	SMD1921	SMD1921
Size (mm)	320 x 160 x 18	320 x 160 x 18	320 x 160 x 18	320 x 160 x 18
Resolution	80 x 40	80 x 40	64 x 32	64 x 32
Brightness (nits)	4,500			
Refresh Rate (Hz)	3,840	1,920	3,840	1,920
Viewing Angle	Horizontal 160°, vertical 140°			
Contrast Ratio	3,000 : 1			

Cut-edge Indoor LED Modules

Model Name	LED-M15HI/C	LED-M18HI/C	LED-M20HI/C	LED-M20NI/C	LED-M25HI/C	LED-M25NI/C
Pixel Pitch (mm)	1.538	1.86	2	2	2.5	2.5
Lamp Size	SMD1212	SMD1515	SMD1515	SMD1515	SMD2020	SMD2020
Size (mm)	320 x 160 x 17					
Resolution	208 x 104	172 x 86	160 x 80	160 x 80	128 x 64	128 x 64
Brightness (nits)	500					
Refresh Rate (Hz)	3,840	3,840	3,840	1,920	3,840	1,920
Viewing Angle	Horizontal 160°, vertical 140°					
Contrast Ratio	3,000 : 1					

Soft LED Modules

Model Name	LED-M15HI/S	LED-M18HI/S	LED-M20HI/S	LED-M20NI/S	LED-M25HI/S	LED-M25NI/S
Pixel Pitch (mm)	1.538	1.86	2	2	2.5	2.5
Lamp Size	SMD1212	SMD1515	SMD1515	SMD1515	SMD1515	SMD1515
Size (mm)	320 x 160 x 7.8	320 x 160 x 7.8	320 x 160 x 7.8	320 x 160 x 7.8	320 x 160 x 7.8	320 x 160 x 7.8
Resolution	208 x 104	172 x 86	160 x 80	160 x 80	128 x 64	128 x 64
Brightness (nits)	500					
Refresh Rate (Hz)	3,840	3,840	3,840	1,920	3,840	1,920
Viewing Angle	Horizontal 160°, vertical 140°					
Contrast Ratio	3,000 : 1					