

Flexible LED Module

320*160mm, 240*120mm, 256*128mm, Indoor LED



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Features:

- Achieve $\leq 3\text{mm}$ curvature tolerance.
- Support both concave and convex installations.
- Support curvature radii down to 120mm for precision shaping.
- Large inventory available with no order lead time.

Usage Precautions:

- When installing or removing the module, do not forcibly tear or pull the module, as excessive force may damage the PCB.
 - The minimum bending diameter must not exceed 509 mm. Repeated aggressive folding of the module is strictly prohibited.
 - Static Protection: When handling the LED lamp panel and display panel, take precautions against static electricity by following these protective measures:
 - Wear grounded anti-static wrist straps or anti-static gloves.
- Ensure that the display body is properly grounded, with the grounding resistance ≤ 10 ohms. Perform a check every six months.
- Cleaning: When cleaning the surface of the lamp panel, do not use unknown chemical liquids. Use a clean, dust-free or damp cloth with purified water for gentle wiping.
 - Power Protection: The distribution box must be equipped with surge protectors and other protective devices.

Specifications (320*160)

Pixel Pitch	1.25	1.53	1.86	2	2.5	3.076	4	5
LED Type	SMD1010	SMD1212	SMD1515	SMD1515	SMD1515	SMD1515	SMD2020	SMD2020
Module Resolution	256*160	208*104	172*86	160*80	128*64	104*52	80*40	64*32
Density(dots/m2)	640000	422500	288906	250000	160000	105625	62500	40000
Scan Method	1/64	1/52	1/43	1/40	1/32	1/26	1/20	1/16
Module Size(mm)	320*160							
Module Weight(kg)	0.3							
Brightness (nit)	650-700							
Color Temperature (K)	3000-10000K							
Viewing Angle	160°/160°							
Contrast Ratio	>10000:1							
Power Consumption (W/m2)	150-450							
Refresh Rate (Hz)	3840-7680							
Gray Level (bit)	16							
IP Level	IP30							

Specifications (240*120)

Pixel Pitch	1.25	1.579	1.875	2	2.5	3	4
LED Type	SMD1010	SMD1212	SMD1515	SMD1515	SMD1515	SMD2020	SMD2020
Module Resolution	192*96	152*76	128*64	120*64	96*48	80*40	60*30
Density(dots/m2)	640000	401082	284440	250000	160000	111111	62500
Scan Method	1/64	1/52	1/43	1/40	1/32	‘1/26	‘1/20
Module Size(mm)	240*120						
Brightness (nit)	650-700						
Color Temperature (K)	3000-10000K						
Viewing Angle	160°/160°						
Contrast Ratio	>10000:1						
Power Consumption (W/m²)	150-450						
Refresh Rate (Hz)	3840-7680						
Gray Level (bit)	16						
IP Level	IP30						

Specifications (256*128)

Pixel Pitch	2	4
LED Type	SMD1515	SMD2020
Module Resolution	128*64	64*32
Density(dots/m2)	250000	62500
Scan Method	'1/32	'1/16
Module Size(mm)	256*128	
Brightness (nit)	650-700	
Color Temperature (K)	3000-10000K	
Viewing Angle	160°/160°	
Contrast Ratio	>10000:1	
Power Consumption (W/m2)	150-450	
Refresh Rate (Hz)	3840-7680	
Gray Level (bit)	16	
IP Level	IP30	