



Flexible LED Modules

PRODUCT CATALOGUE

LEKLED	LED Screen Factory
LED Module Data Sheet	

Flexible LED Module Product Data Sheet

Shenzhen Sanco Optoelectronics Technology Co.,Ltd

Shenzhen Factory: 3 Floor, Buliding 2, Hejing Industry Park, FuYuan Street,
FuYong, ShenZhen, China.

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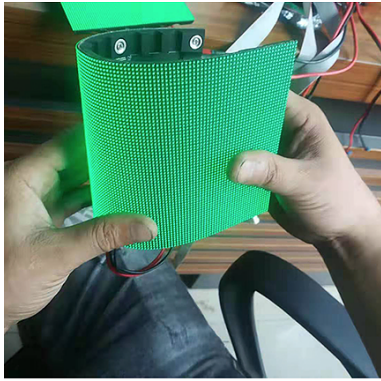
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Flexible LED Module



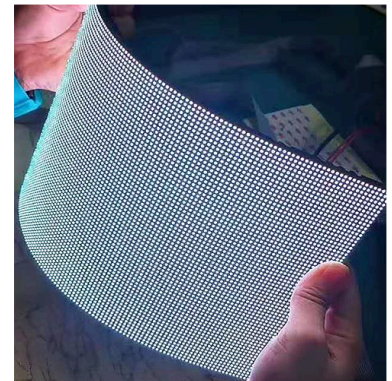
P4 SMD2121 INDOOR

240*120mm / 256*128mm
60*30 dots / 64*32 dots
62500 dots/sqm
900 nits



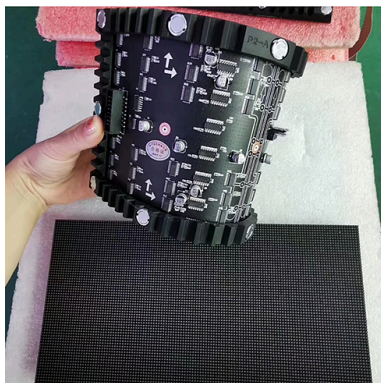
P3 SMD2121 INDOOR

240*240 mm
111111dots/sqm
80*40 dots
900 nits



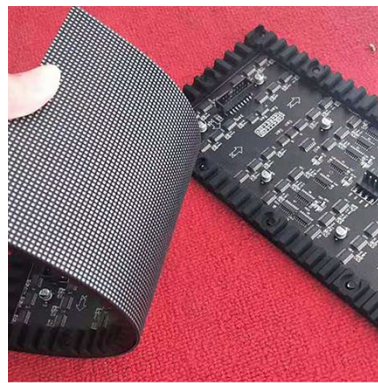
P2.5 SMD1515 INDOOR

240*120mm / 32*160mm
96*48 dots / 128*64 dots
160000 dots/sqm
800 nits



P2 SMD1515 INDOOR

240*120mm / 256*128mm
120*60 dots / 128*64 dots
250000 dots/sqm
800 nits



P1.875 SMD1010 INDOOR

240*120 mm
128*64dots
284444 dots/sqm
800 nits



P1.667 SMD1010 INDOOR

240*120 mm
144*72dots
360000 dots/sqm
800 nits

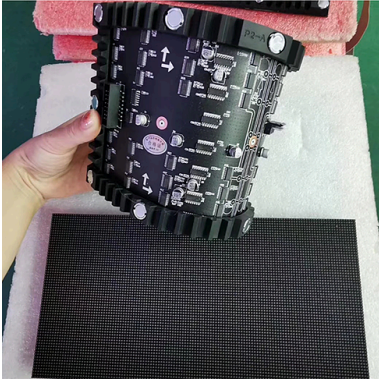


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P1.579 SMD1515 INDOOR

240*120mm
152*76 dots
401111 dots/sqm
800 nits



P1.25 SMD1010 INDOOR

240*120 mm192*96dots
640000 dots/sqm
800 nits

Item	P1.25	P1.579	P1.667	P1.875	P2	P2.5	P3	P
RGB	1R1G1B							
LED lamp	SMD1010	SMD1010/SMD1212		SMD1212 / SMD1515	SMD1515		SMD1515 / SMD2121	SMD2121
Pixel Density (Dot/m ²)	640000	401111	360000	284444	250000	160000	111111	62500
Size of the led module (mm)	240x120x8.6mm							
LED Module Resolution	192x96	152x76	144x72	128x64	120x60	96x48	80x40	60x30
Scan	1/48	1/38	1/36	1/32	1/30	1/24	1/20	1/15
Drive IC (Optional)	ICN2065	ICN2065	ICN2065	ICN2153	ICN2153	ICN2153	ICN2038S	ICN2038S
Refresh rate (Hz)	3840	3840	3840	≥2880	≥2880	≥1920	≥1920	≥1920
Frame-changing Frequency (Hz)	50&60							
HUB	HUB75							
Frame material	Silicon							
Weight per LED Module(kg/pc)	0.215	0.203	0.195	0.216	0.205	0.175	0.175	0.170
Fitness (mm)	≤ 0.2	≤ 0.3						
Waterproof	IP45							
Brightness (nits)	≥600	≥650	≥700	≥750	≥750	≥750	≥900	≥850
Temperature color (K)	3000—10000							
View angle	≥160°/≥140°							
LED Module voltage DC (V)	5	5	5	5	5	5	5	5
Maximo currency per LED Module DC (A)	3.8	3.5	3.2	3	3	3	3	3
Maximo consumption (W/pc)	19	17.5	16	15	15	15	15	15
Working Voltage AC (V)	110—220							
Maximo consumption (W/m ²)	1000	1000	800	800	800	800	800	800
Average consumption (W/m ²)	340	340	270	270	270	270	270	270
MTBF	100,000							
Working Temperature	-20°C ~ +40°C							
Working Humidity	20—85%							