



# BRILLIANTOPTO CO., LTD.

NO.1 Cost-performance

Brilliantopto Co., Limited is a professional LED display system products manufacturer, founded in 2008 and with the registered capital of 20.18 million RMB, owning workshop area 40,000 m<sup>2</sup>, with branch office and factory in Fujian and Guangdong. We have more than 400 employees. Among them, there are 21 engineers, 5 of them are senior.

In March 2011, outdoor full-color formal P16 can completely replace the current market of the single color LED display.

In June 2011 we further improve the P10 module through optical design, which improve more than 10% light efficiency, what's more avoid screen mess effectively.

In August 2011, our company was a sponsor and president to create the "Quanzhou LED Industry Technology Innovation Strategy Alliance", and set up "Quanzhou LED Technology Research Center", "National Quality Supervise Center", work with Xiamen university semiconductor research center, Fuzhou university, Peking university, to enhance our technology development.

In November 2011, we launch the new generation of LED 3D display screens - the first factory in China.

In August 2013, we established our branch in An'xi with the workshop area 20000sqm.

Through the efforts of the company staff and cooperation, the products are sold well in Europe, North America, Australia, Middle East, southeast Asia, and in the corresponding area set up stable sales agents, our company sincerely cooperate with talents and dealers for mutual benefit and development, for the development of the LED display system, and make due contribution





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**An'xi Branch Factory, Quanzhou, Fujian, China**



**Shenzhen Branch Office, Guangdong, China**





## 1). Factory Tour & Main Facilities



SMT Production line

Coner of Led suit assembly line



Module Carrier Rack

Vibration Table



Fully Automatic Screen Printer

High Speed Chip Mounter

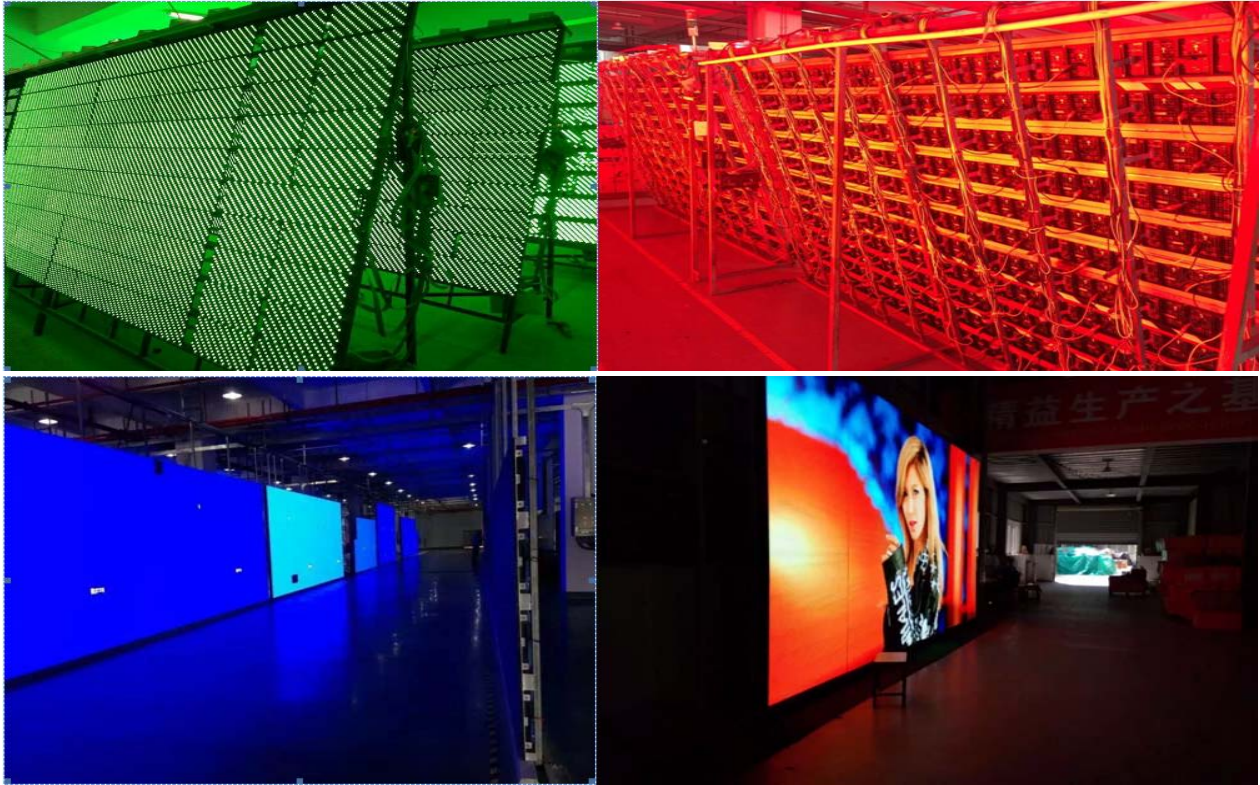


High Speed In-line Package Machine

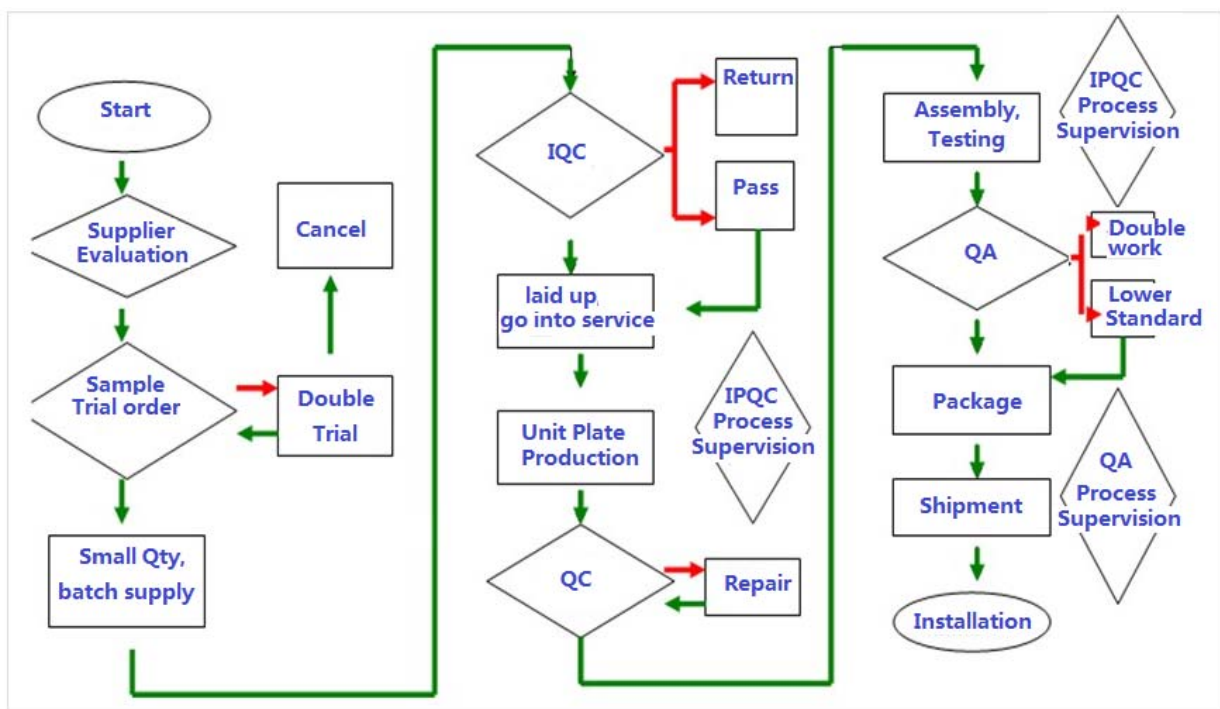
Wave crest soldering machine

## 2). Production Quality Control (72-hour aging test )

We specialize in producing LED display since 2008. We try our best to make the production & quality fully under control, following quality control system strictly.

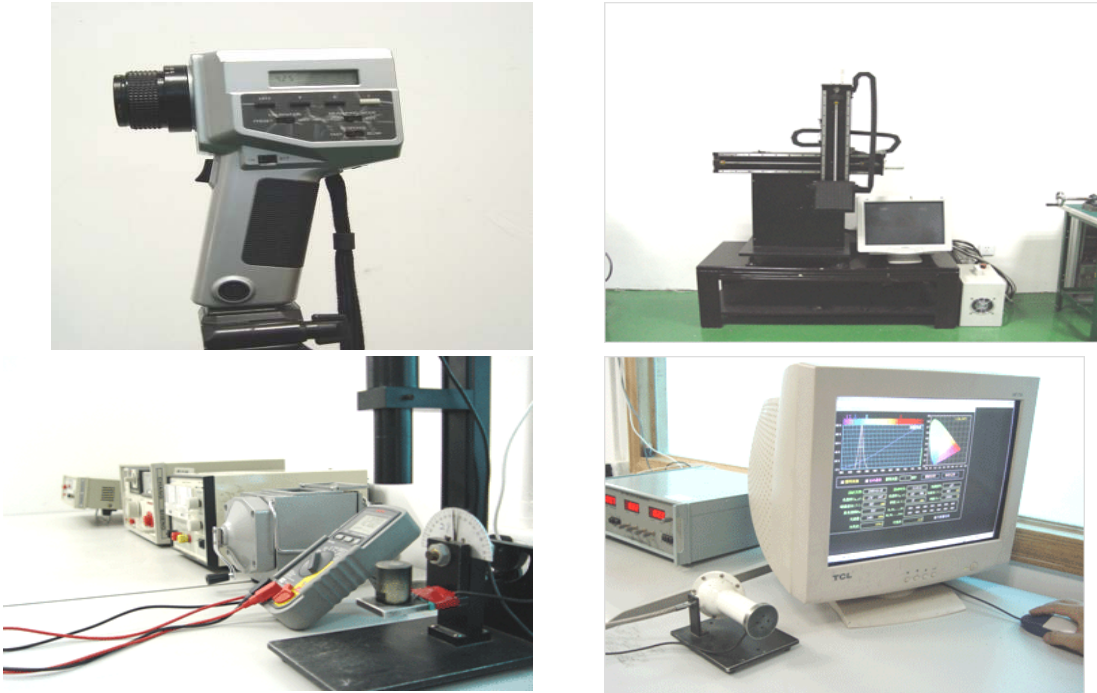


## 3). Quality Control System

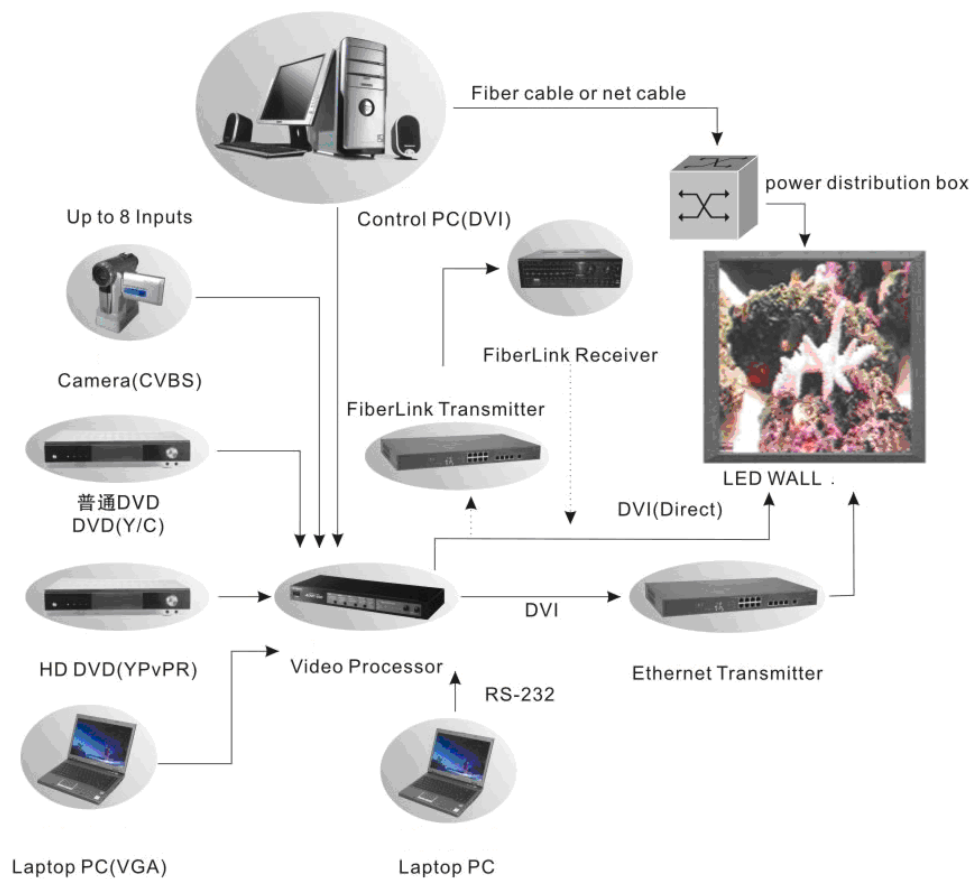




#### 4). Testing Equipments



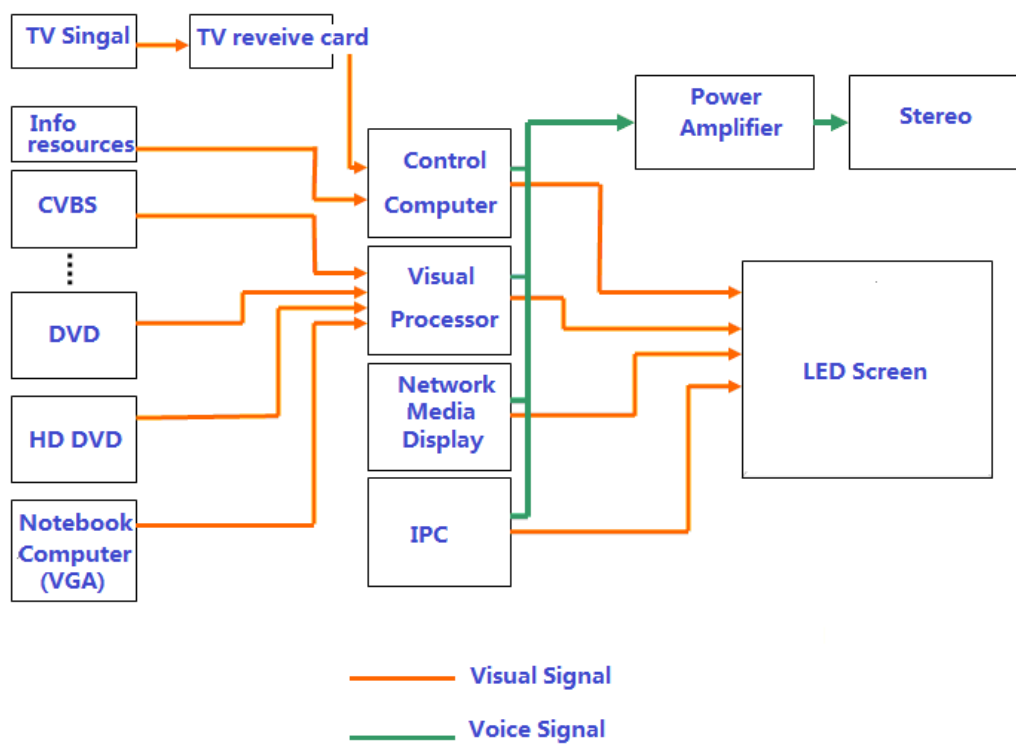
#### 5). LED Display System Structure





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### 6). Certificates and Honors

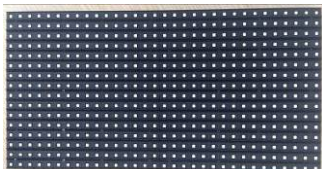

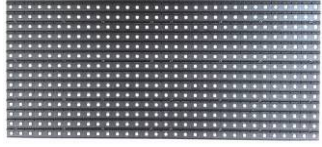



Through the company six years of continuous efforts, the company has successively obtained:

- 【 the state ministry of small and medium-sized enterprise technology innovation fund project unit 】
- 【 small and mid-sized enterprise in Fujian province technology innovation fund project unit 】
- 【 ISO9001 international quality management system authentication enterprise 】
- 【 3 C China national mandatory product certification enterprise 】
- 【 CE EU countries compulsory product certification enterprise 】
- 【 FCC anti-radiation product authentication enterprise 】
- 【 ROHS lead-free environmental protection product authentication enterprise 】
- 【 IP65 waterproof dustproof product authentication enterprise 】
- 【 Chinese optical optoelectronic industry member unit 】
- 【 national taxpayer service work outstanding member unit 】
- 【 the state intellectual property office 15 independent research and development of patent 】
- 【 Fujian quality and rights protection service (members) unit 】
- 【 Fujian integrity unit labor advocate 】
- 【 Quanzhou industry and commerce credit good enterprise 】
- 【 Quanzhou creditable unit 】
- 【 Quanzhou LED technology research center 】
- 【 Quanzhou LED industry technology innovation strategy alliance chairman unit 】

## Catalogue for Main Products

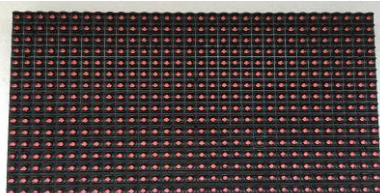
### Outdoor LED Display Series

   	P10 Full Color SMD LED Module - Outdoor	
	Item	Parameter
	Pixel Pitch	10mm
	Pixel Density	10000 dots/m <sup>2</sup>
	Module Size	320x160mm (32x16 dots)
	Brightness	5000-7000 cd/m <sup>2</sup>
	Scan Mode	4S/2S constant current scan

### Project Case: P10 Full Color LED Screen –Outdoor



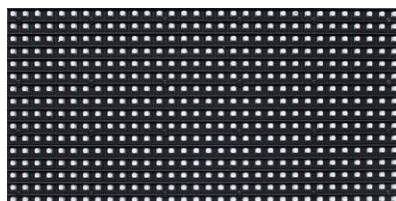




### P10 Single Red LED Module - Outdoor

Item	Parameter
Pixel Pitch	10mm
Pixel Density	10000 dots/m <sup>2</sup>
Module Size	320x160mm (32x16 dots)
Brightness	2000 cd/m <sup>2</sup>
Scan Mode	1/4 constant current scan

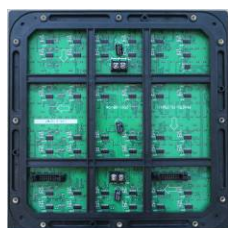
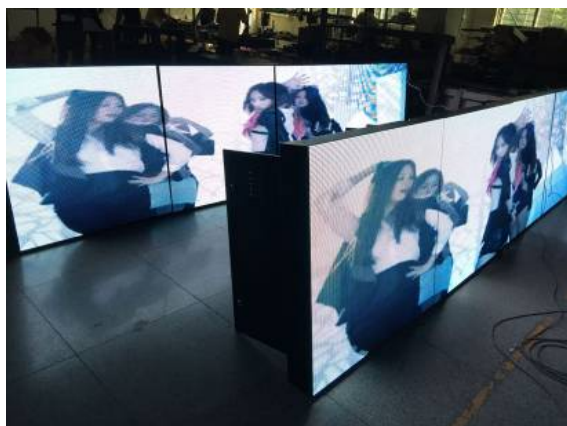
### Project Case: P10 Single Red Screen – Outdoor



### P8 Full Color SMD LED Module - Outdoor

Item	Parameter
Pixel Pitch	8mm
Pixel Density	15625 dots/m <sup>2</sup>
Module Size	256x128mm (32x16 dots)
Brightness	6000cd/m <sup>2</sup>
Scan Mode	1/4 constant current scan

## Project Case: P8 Full Color SMD LED Screen - Outdoor



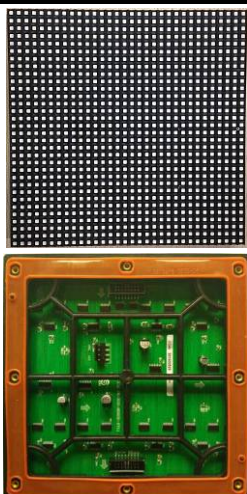
### P16 Full Color RGB LED Module - Outdoor

Item	Parameter
Pixel Pitch	16mm
Pixel Density	3906 dots/m <sup>2</sup>
Module Size	256x256mm (16x16 dots)
Brightness	≥6500 cd/m <sup>2</sup>
Scan Mode	Static

## Project Case: P16 Full Color RGB Screen –Outdoor







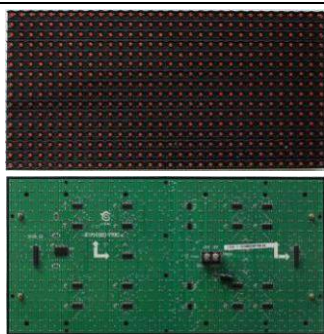
### P6 Full Color RGB LED Module - Outdoor

Item	Parameter
Pixel Pitch	6mm
Pixel Density	27777 dots/m <sup>2</sup>
Module Size	192x192mm (32x32 dots)
Brightness	6000 cd/m <sup>2</sup>
Scan Mode	1/8 constant current scan

### Project Case: P6 Full Color RGB Screen - Outdoor



### Semi-Outdoor LED Module Display Series



### P10 Single Red Color LED Module - Semi-Outdoor

Item	Parameter
Pixel Pitch	10mm
Pixel Density	10000 dots/m <sup>2</sup>
Module Size	320x160mm (32x16 dots)
Brightness	2000 cd/m <sup>2</sup>
Scan Mode	1/4 scan

### Project Case: P10 Single Red Color Screen - Semi-Outdoor



### ❖ Indoor LED Module Display Series

P4 Full Color SMD 3in1 LED Module - Indoor	
Item	Parameter
Pixel Pitch	4mm
Pixel Density	62500 dots/m <sup>2</sup>
Module Size	256x128mm (64x32 dots)
Brightness	1200 cd/m <sup>2</sup>
Scan Mode	1/16 scanning

#### Project Case: P4 Full Color RGB SMD 3in1 Screen - Indoor



P6 Full Color SMD 3in1 LED Module - Indoor	
Item	Parameter
Pixel Pitch	6mm
Pixel Density	27777 dots/m <sup>2</sup>
Module Size	192x192mm (32x32 dots)
Brightness	1200 cd/m <sup>2</sup>
Scan Mode	1/16 scanning

#### Project Case: P6 Full Color RGB SMD 3in1 Screen – Indoor



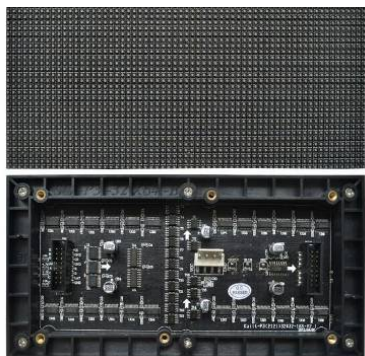




### P5 Full Color SMD 3in1 LED Module - Indoor

Item	Parameter
Pixel Pitch	5mm
Pixel Density	40000 dots/m <sup>2</sup>
Module Size	320x160mm (64x32dots)
Brightness	1200cd/m <sup>2</sup>
Scan Mode	1/16 scanning

### Project Case: P5 Full Color RGB SMD 3in1 Screen - Indoor



### P3 Full Color SMD 3in1 LED Module - Indoor

Item	Parameter
Pixel Pitch	3mm
Pixel Density	111111 dots/m <sup>2</sup>
Module Size	192x96mm (64x32 dots)
Brightness	1000 cd/m <sup>2</sup>
Scan Mode	1/16 scanning, constant current

### Project Case: P3 Full Color RGB SMD 3in1 Screen - Indoor

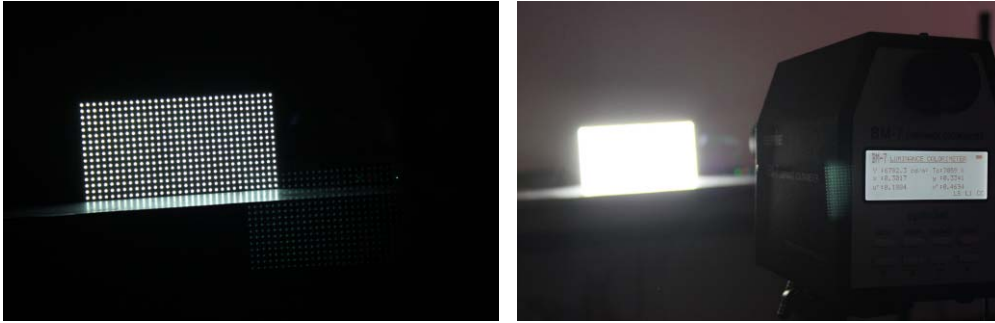




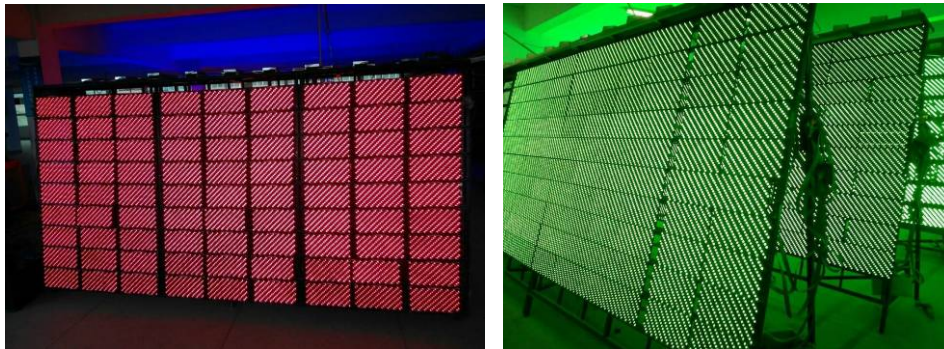
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## Brightness Testing



## 24 -72 hours Aging Test to Ensure Performance Stability

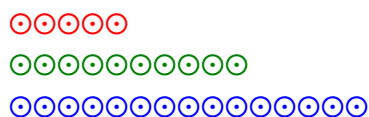


## Packing Method: paper carton, wooden/flight case. Customization available



## Products:

1. P1.667/P1.923/P2.0/P2.5/P3/P4/P5/P6...indoor full color led display;
2. P5/P6/P8/P10/P12.5/P13.33/P16/P20/P25...outdoor full color led display;
3. P4/P4.75/P7.62/P10 Indoor/outdoor/semi-outdoor single/dual color led display



**Professional LED Display System Supplier**