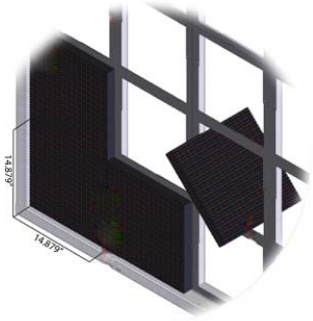
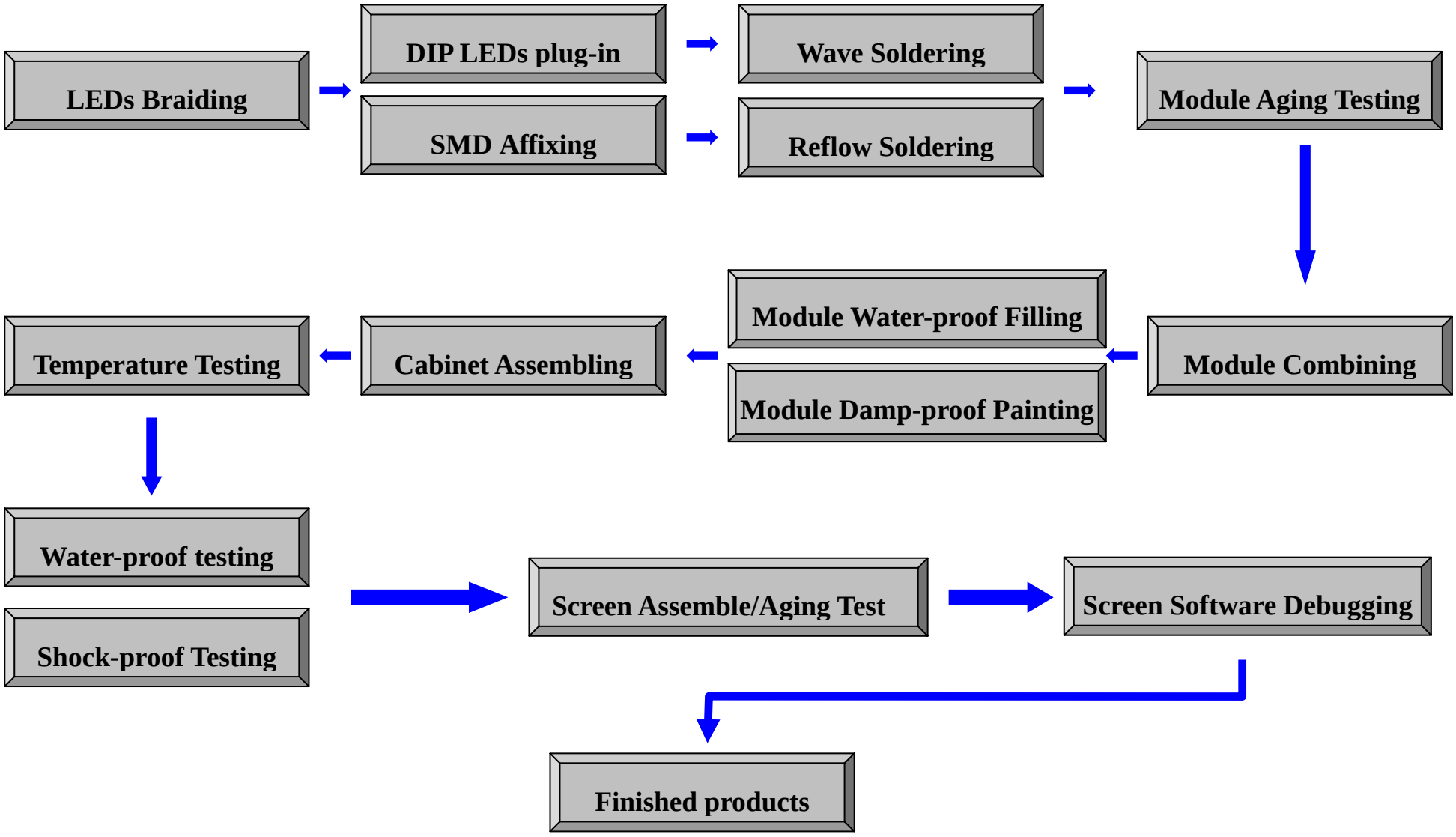


High Quality of course ERA-LED

ERALED

Manufacturing Line

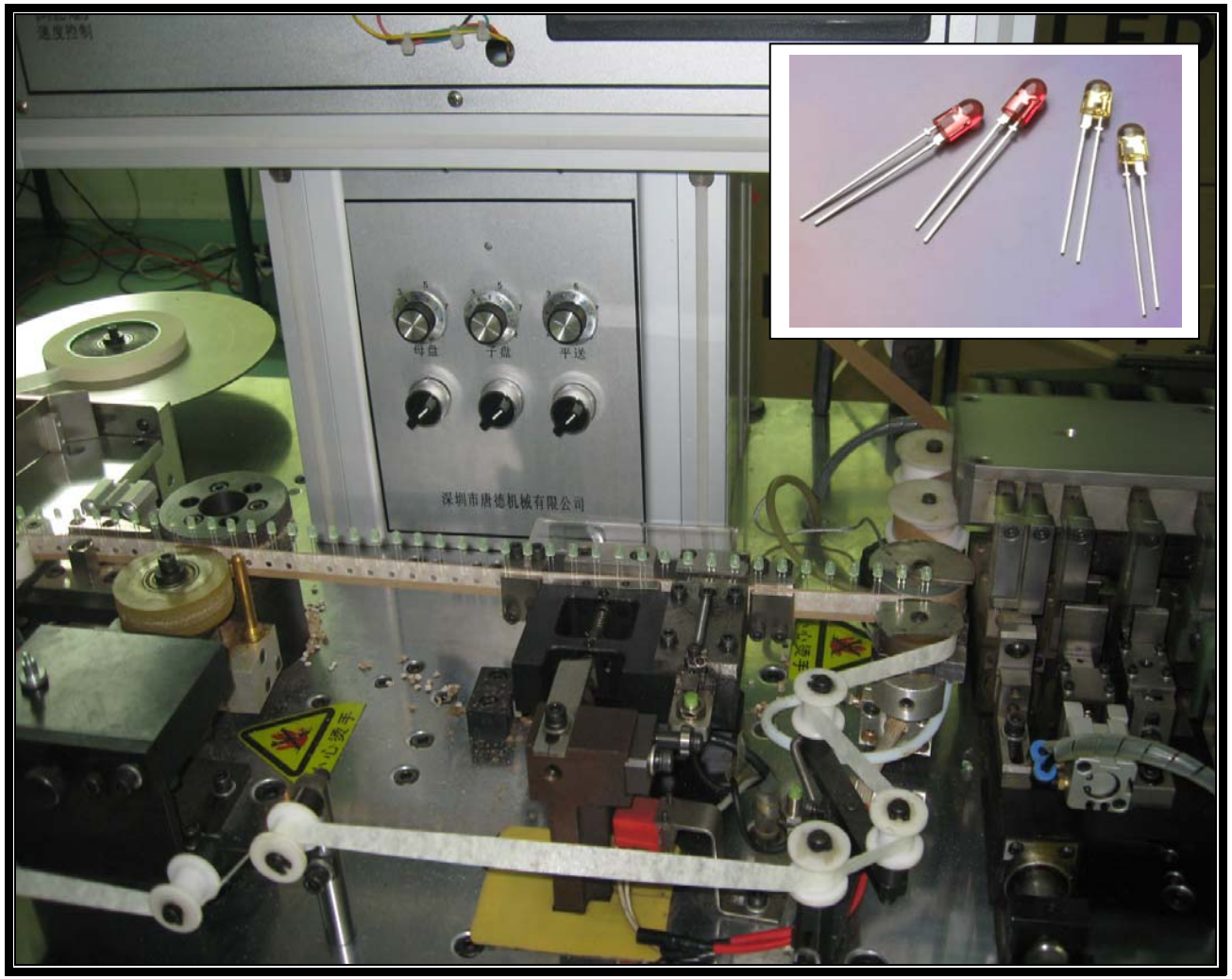


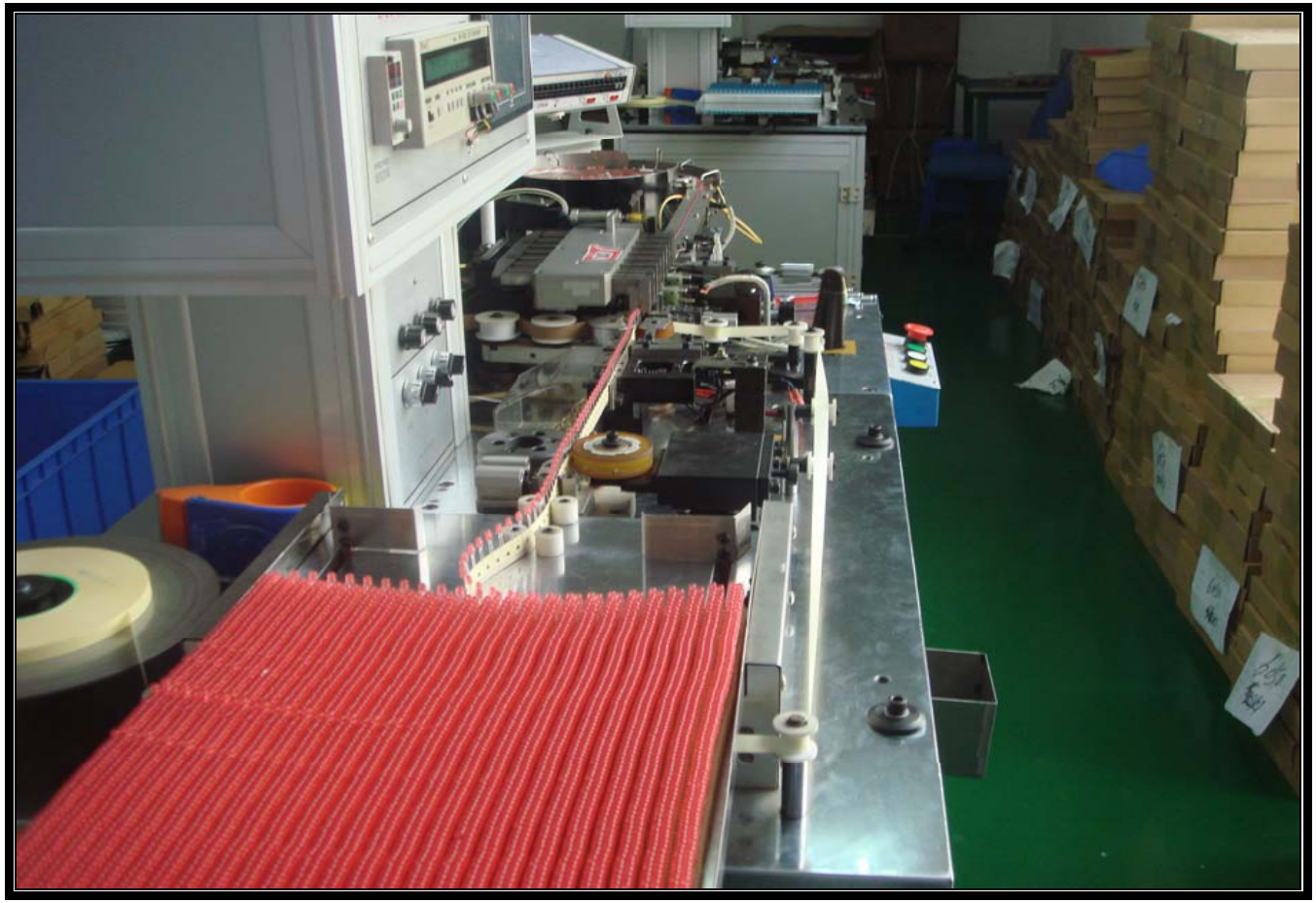
Stage	Sequence	Procedure	Description
Preliminary Design	1	Sample Design and Adjust	make sure no risk at all before putting in production
Manufacture	2	LEDs Braiding	tidy and arrange all DIP LEDs from scattered to ordered
	3	SMD Affixing	for SMD LEDs screen use
		DIP LEDs Plug-in	for DIP LEDs screen use
	4	Reflow Soldering	achieve the soldering between PCB and Surface Mounting LEDs
		Wave Soldering	achieve mechanical and electrical connection between the PCB and pin of components
	5	Module Aging Test	aging test make sure all LED lamp working steady
	6	Module Combining	combine the finished LED PCB with cover and driving board
	7	Water-proof Filling	fill the melted rubber to front side/apply the waterproof rubber ring to backside
	8	Moisture-proof Painting	apply Moisture-proof paint on LED PCB
	9	Cabinet Assembling	assemble scattered module with cabinet frame/ conductor arrangement
Quality Check	10	Temperature Testing	temperature test from -40~80℃ for standing against tough climate
	11	Water-proof Testing	achieve IP54/IP65
	12	Shock-resistant Testing	for standing against shake in transportation and accidental
Test	13	Screen Assembling/Aging Test	make sure all light reach white balance brightness and color correction
	14	Screen Software Debugging	software install / data input / program debugging
Finished Products	15	Packing	Packing / Transportation

ERALED

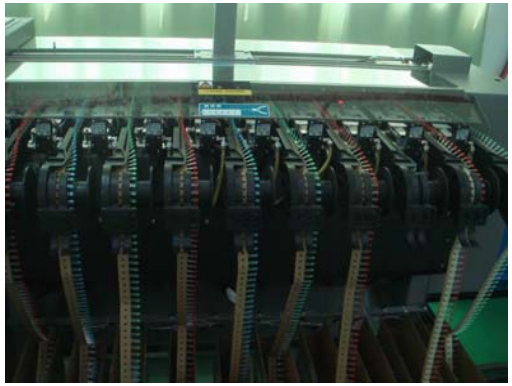
Automatic Production Line

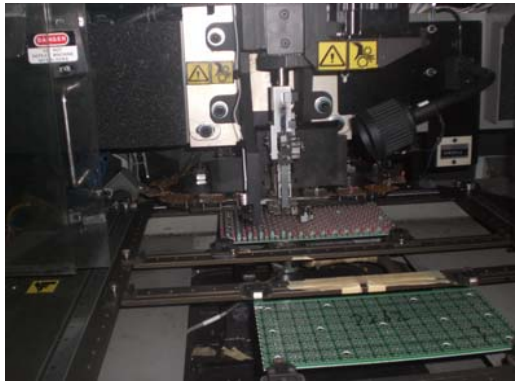
Automatic Braiding Machine



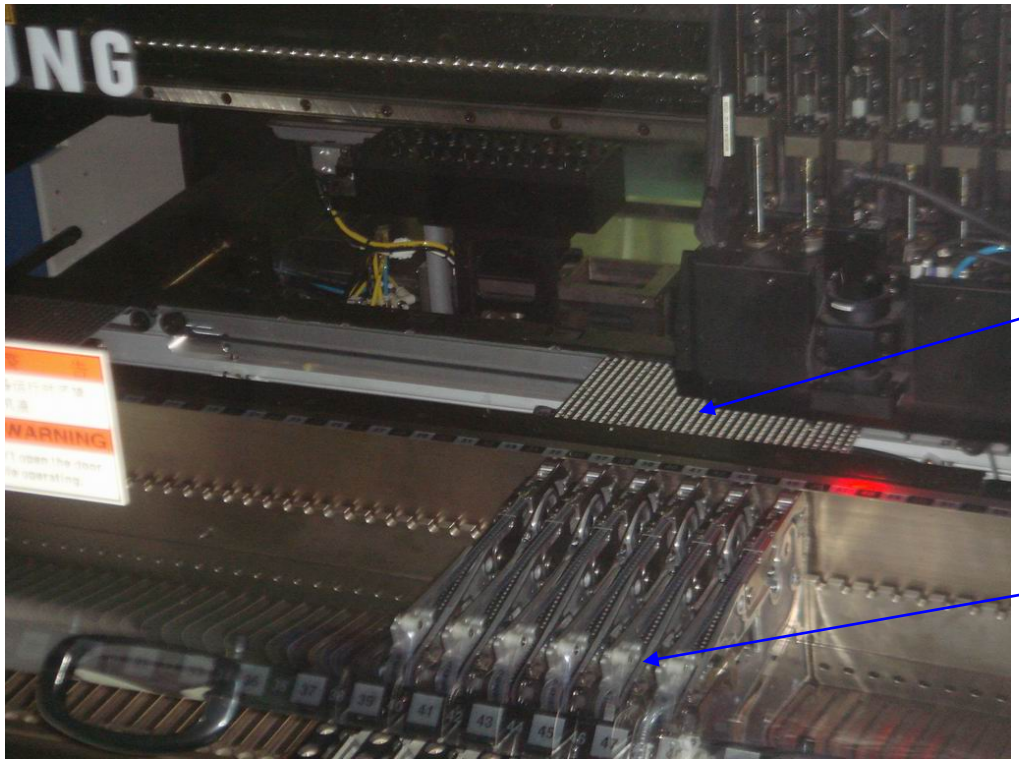


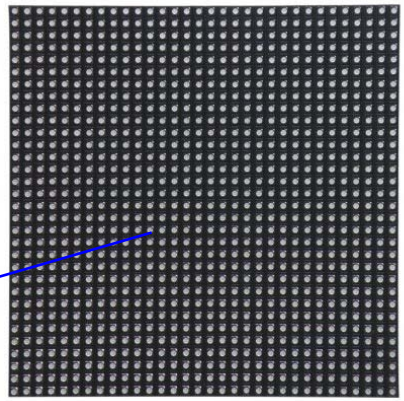
Automatic DIP LED plug-in Machine

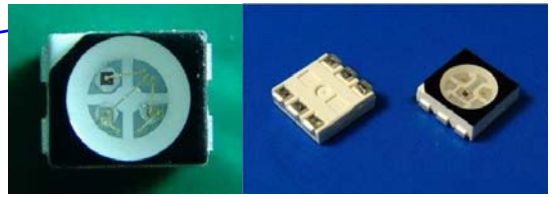


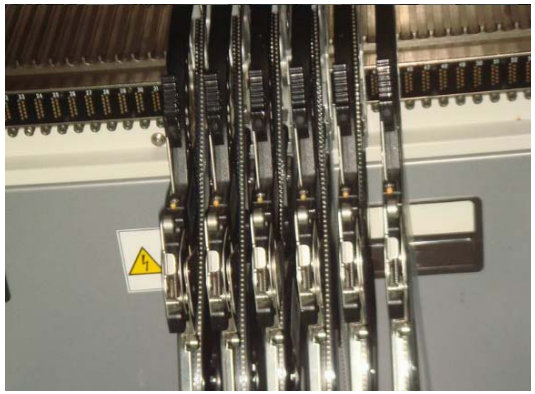


SMD Automatic Surface Affixed Machine



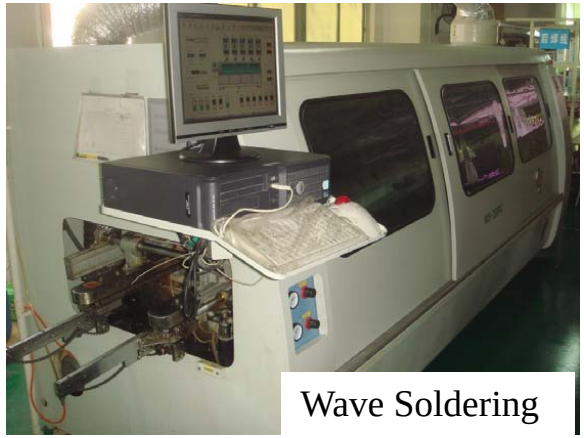






Reflow Soldering / Wave Soldering Machine

Reflow Soldering


Wave Soldering

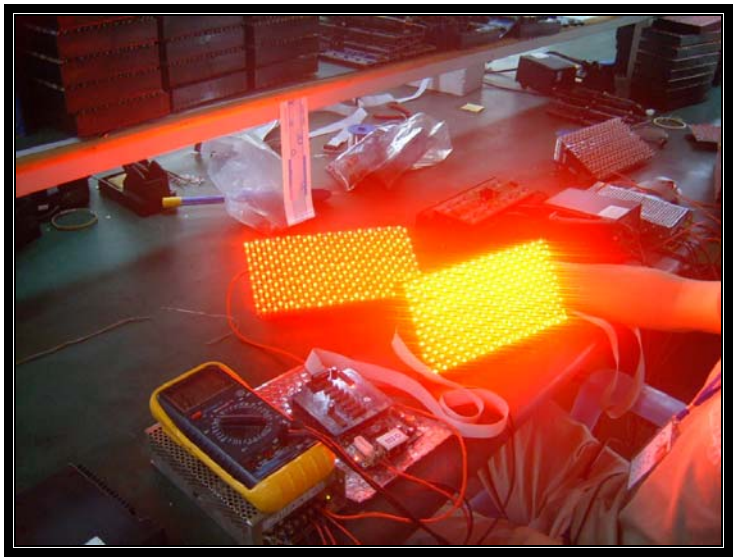
Wave Soldering

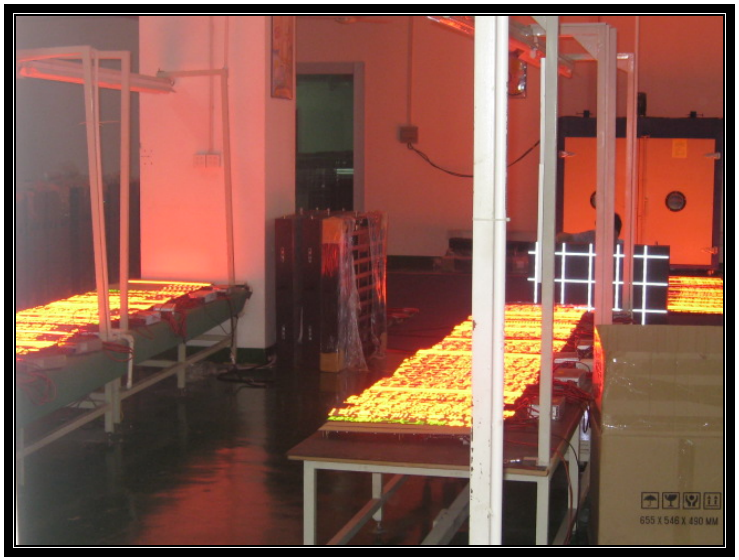
Reflow Soldering

Reflow Soldering

Wave Soldering Machine for DIP LED PCB

Module Aging Test

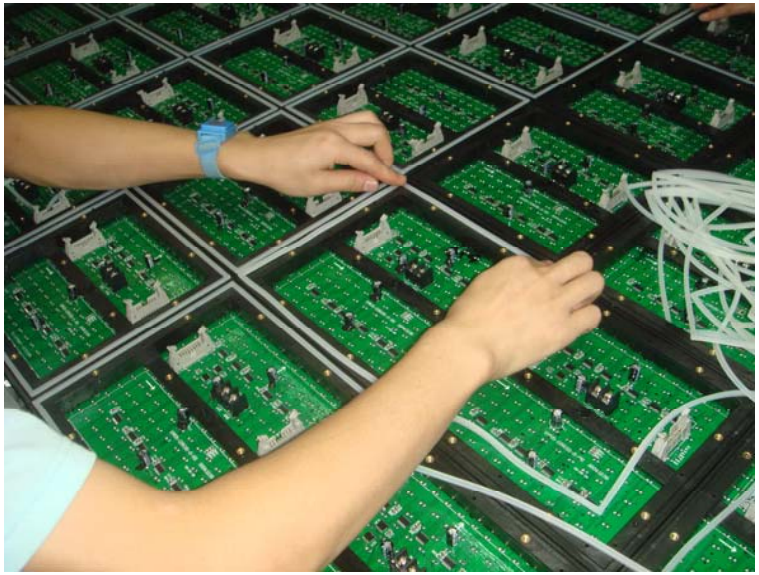




Aging Room

Automatic LED Module Filling Machine

Module Combining



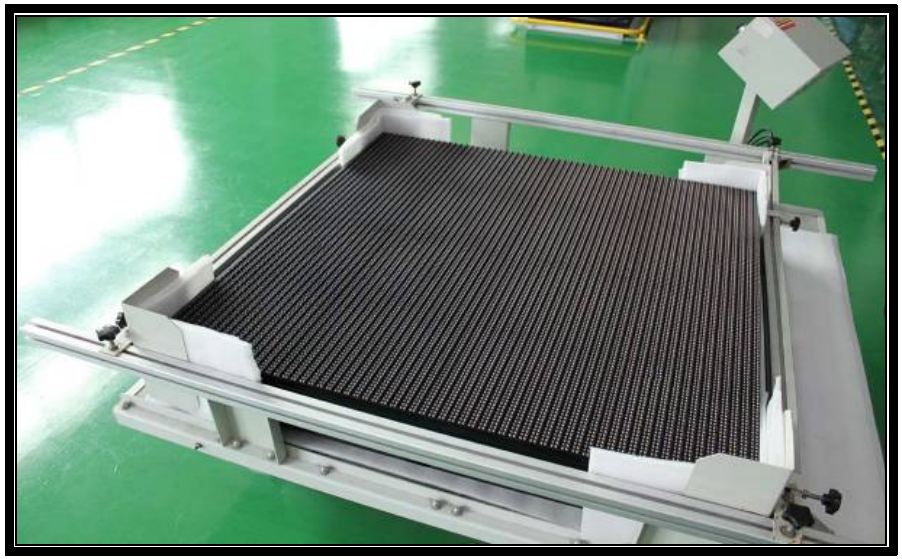
Cabinets Assembling Line

High and Low Temperature Testing Machine

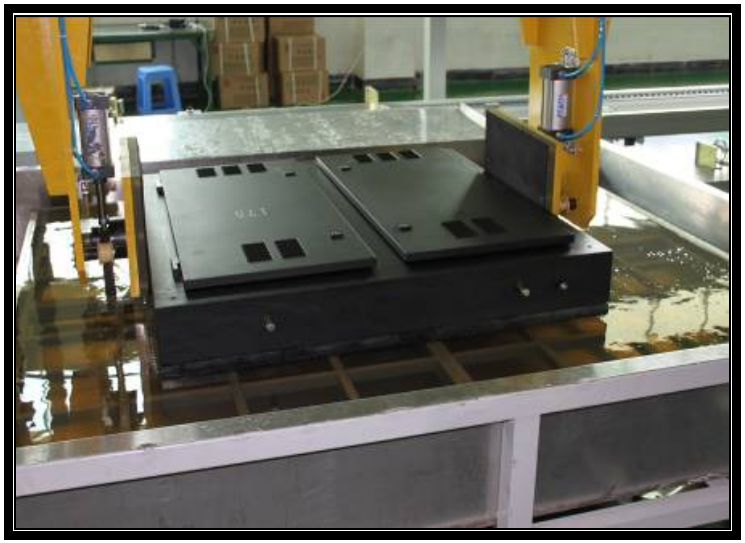
Electric Heating Air-Blowing Drier

Manual Waterproof Test

Simulation of Transport Shaking Test



Machine Waterproof Test

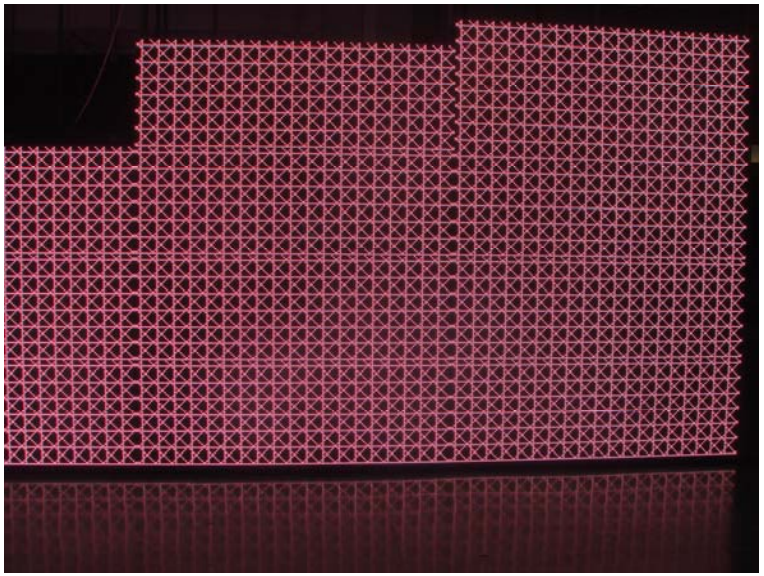


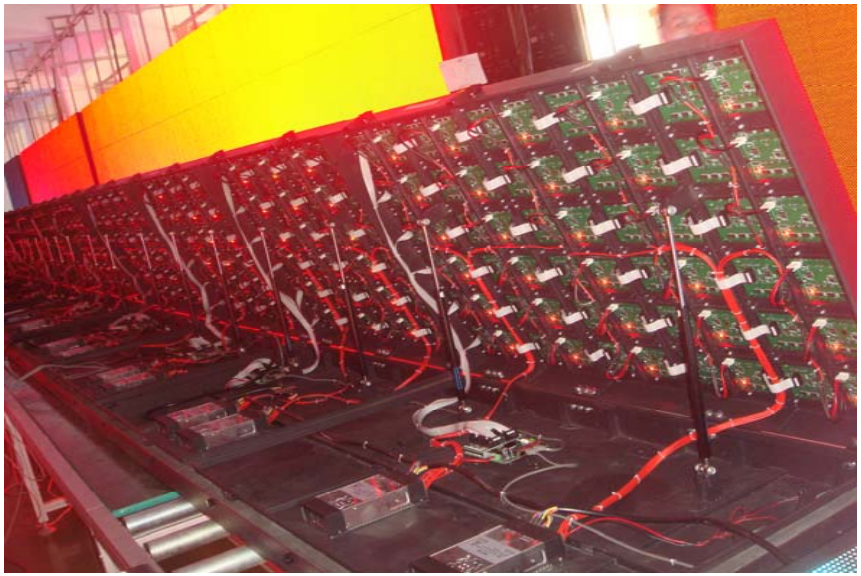
Automatic Optical Inspection Instrument

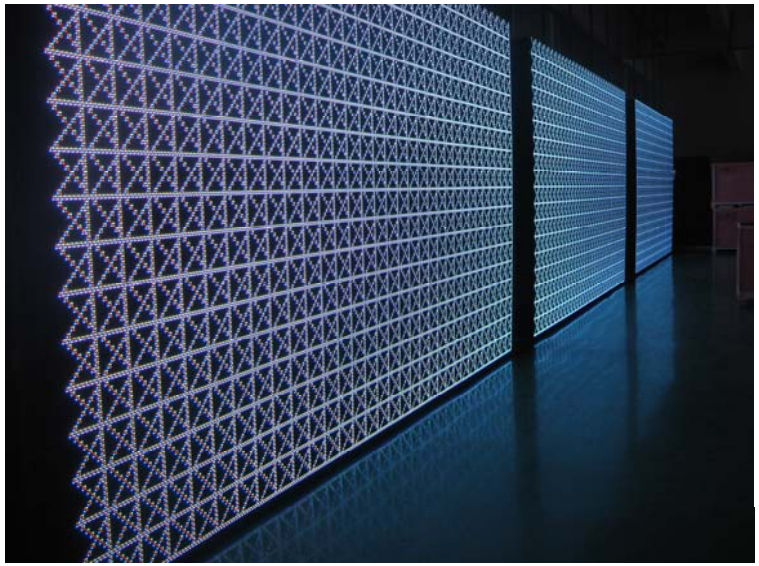
Galvanometer (GALV)

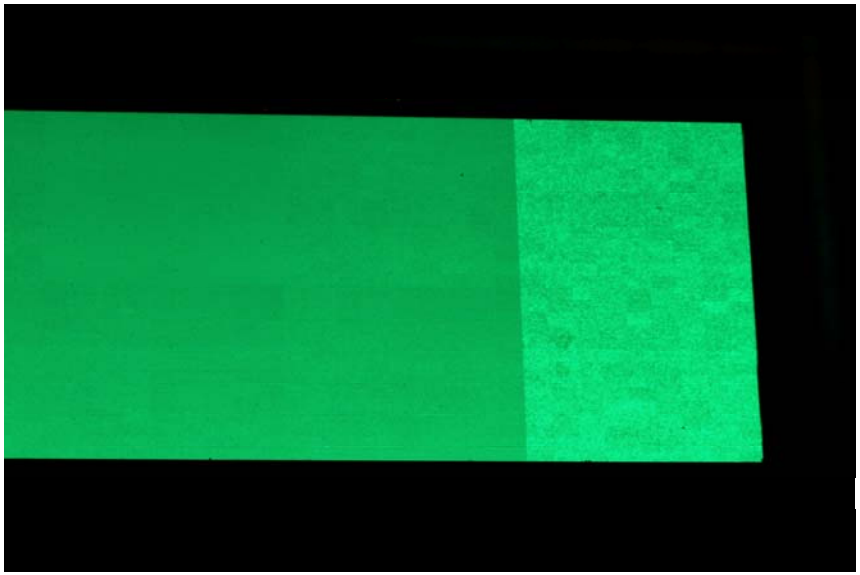
Luminance colorimeter

Screen Aging testing floor

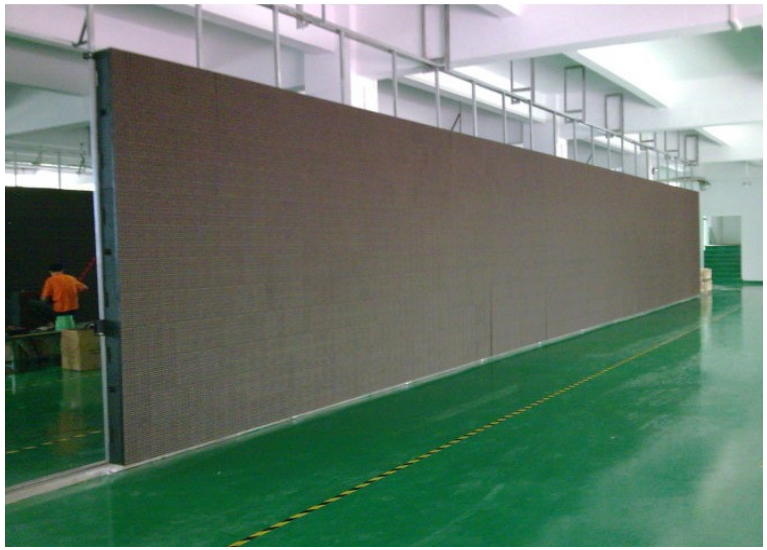


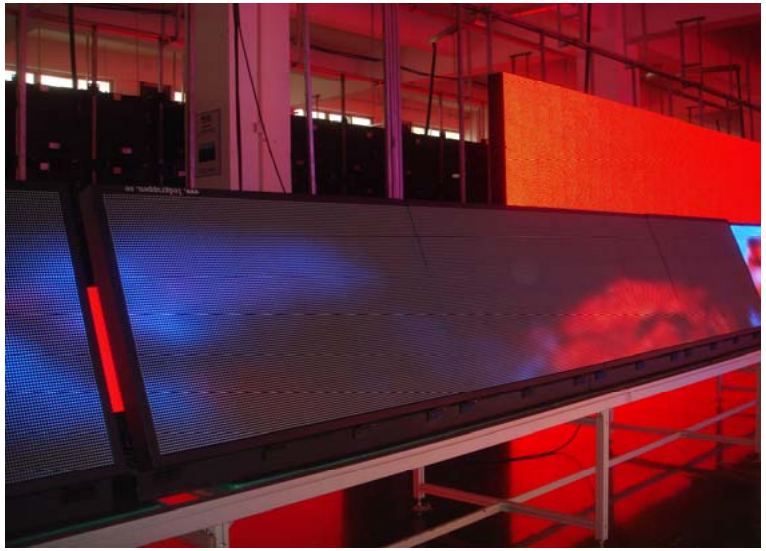


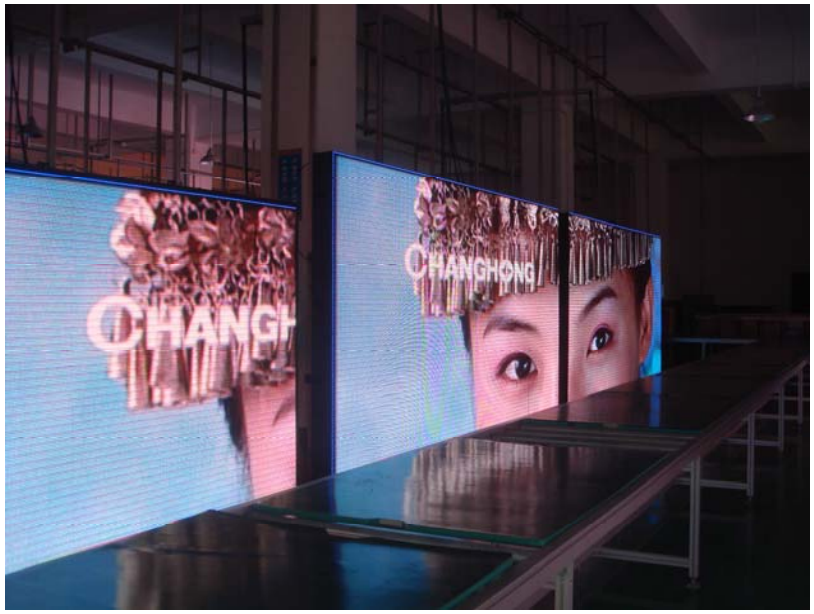


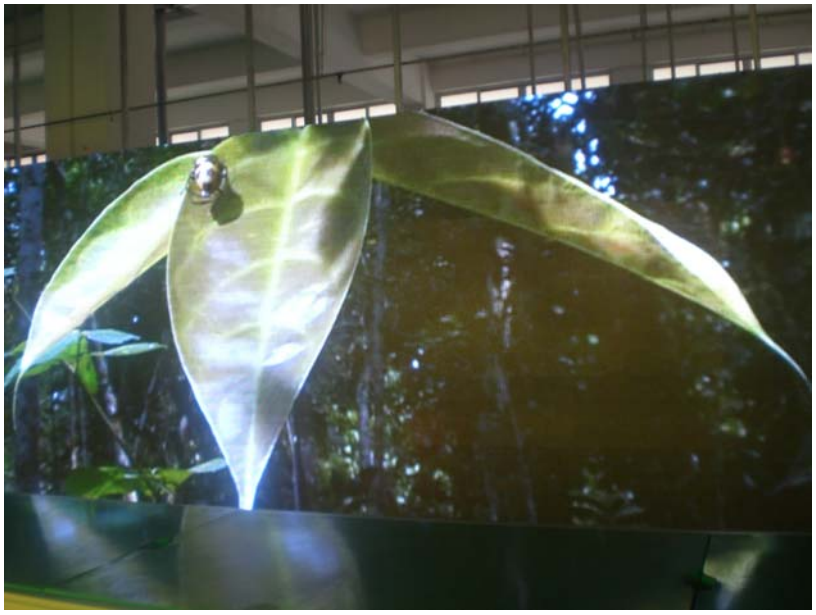


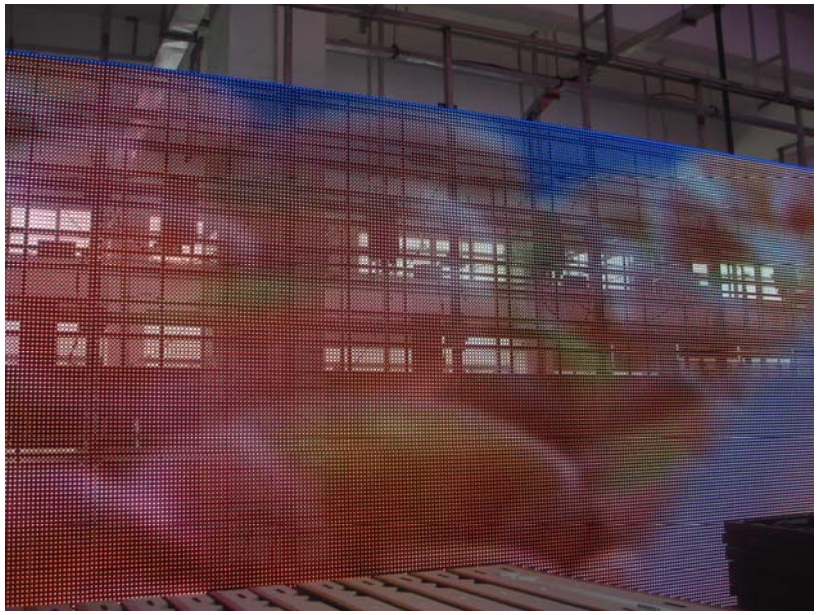
Finished products & Factory glance

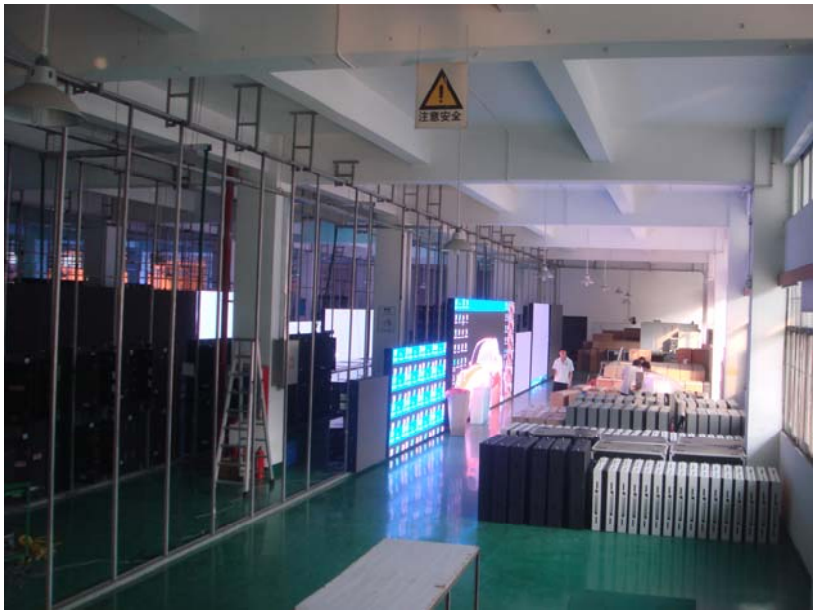


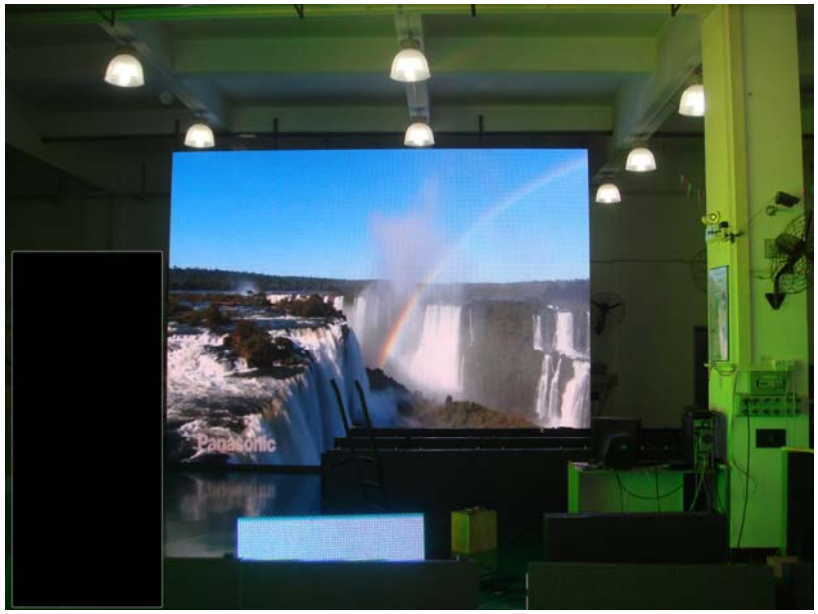


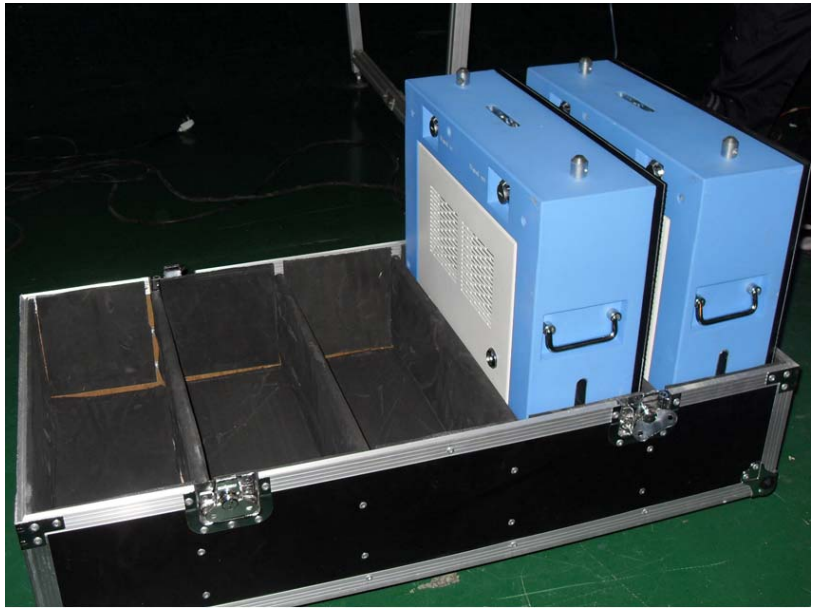

CHANGHONG



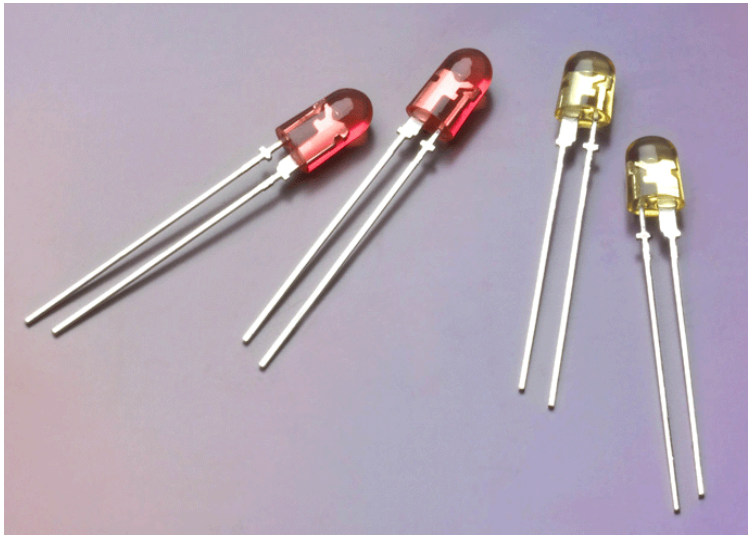


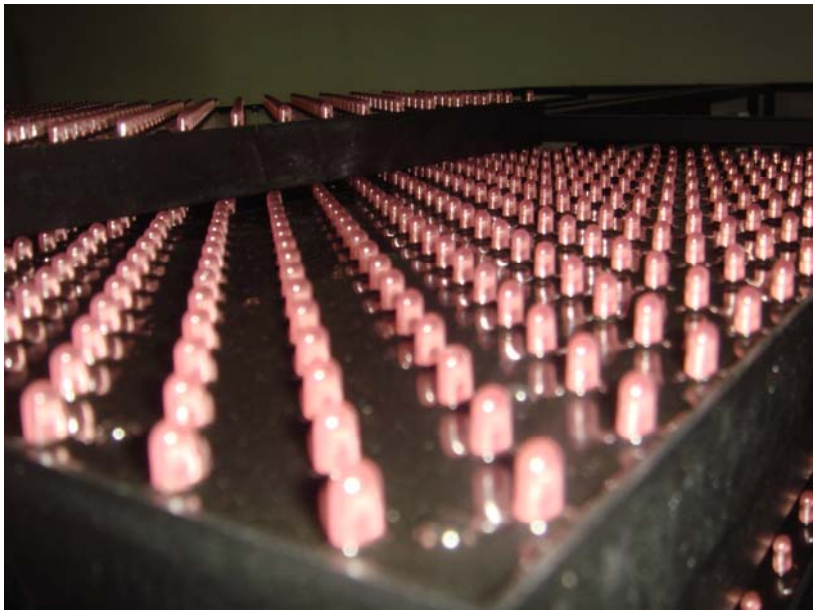


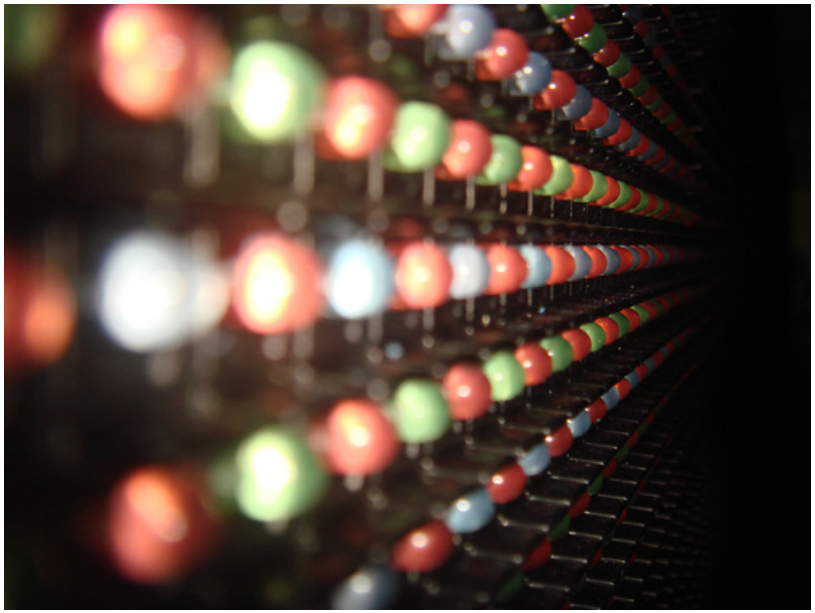

Panasonic

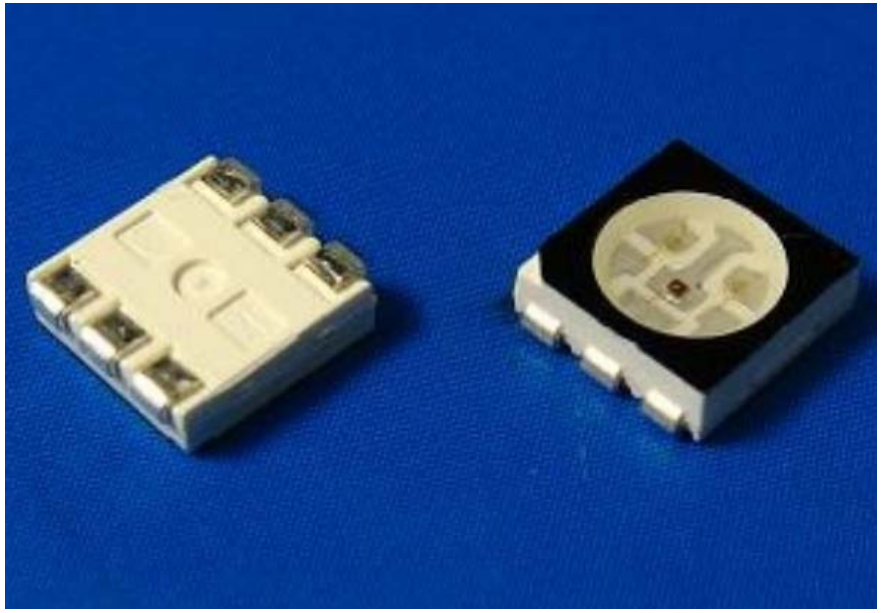


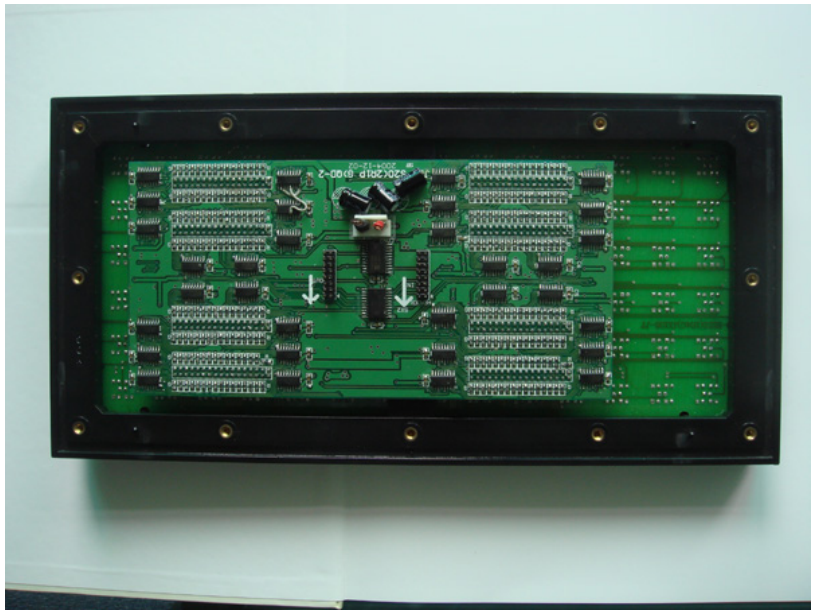
Raw and processed materials

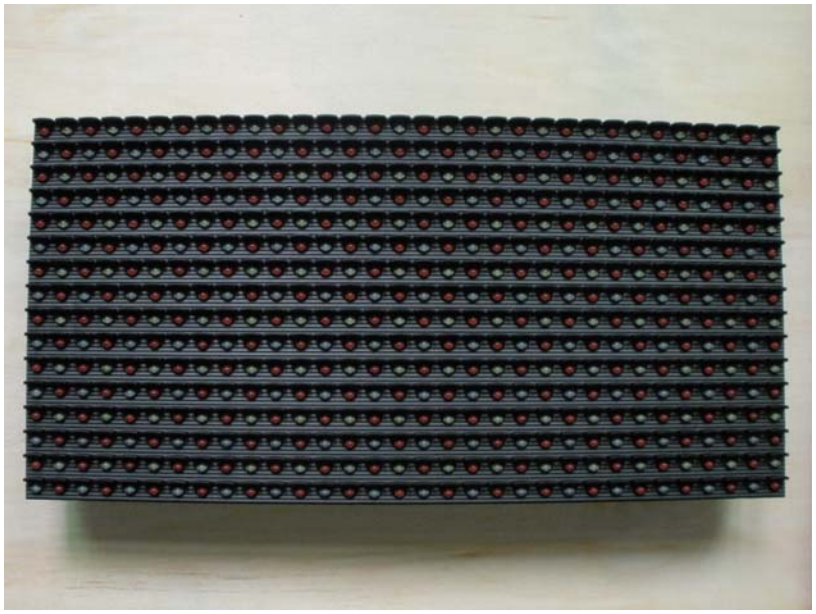


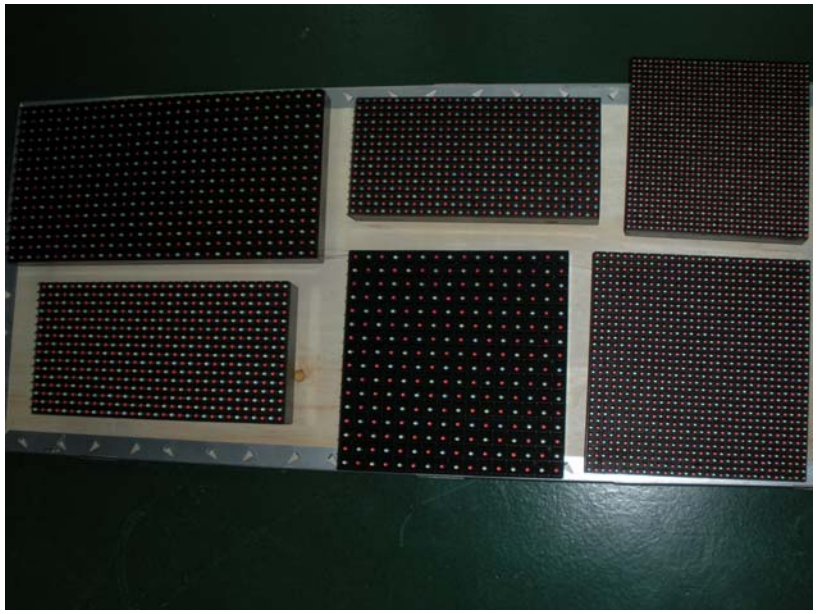






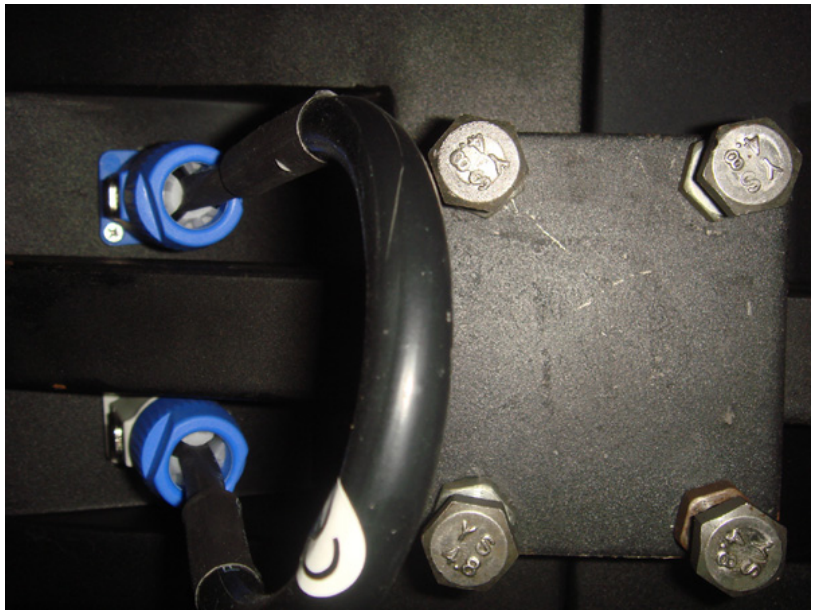


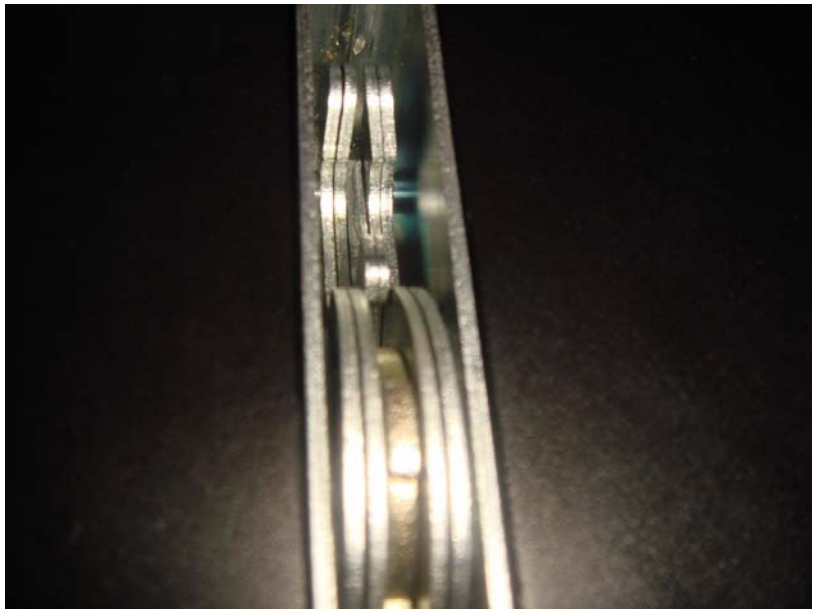


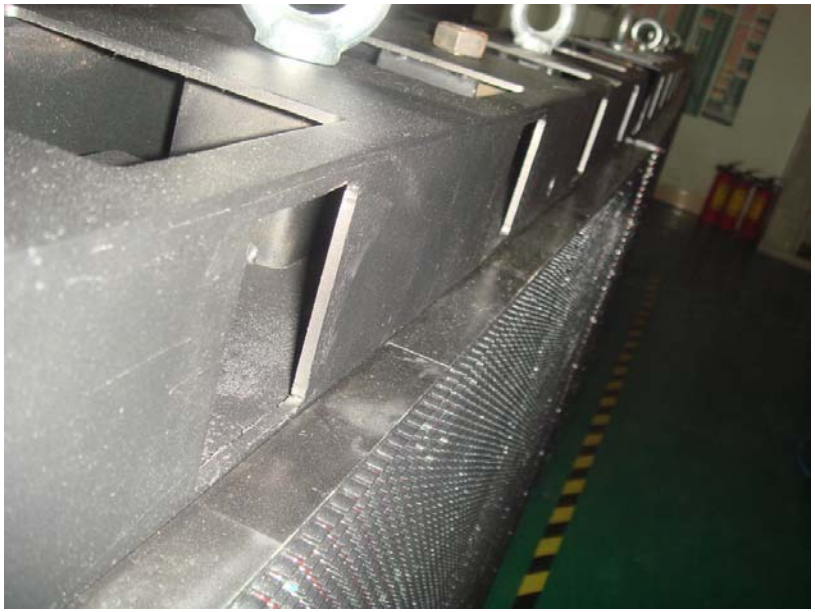


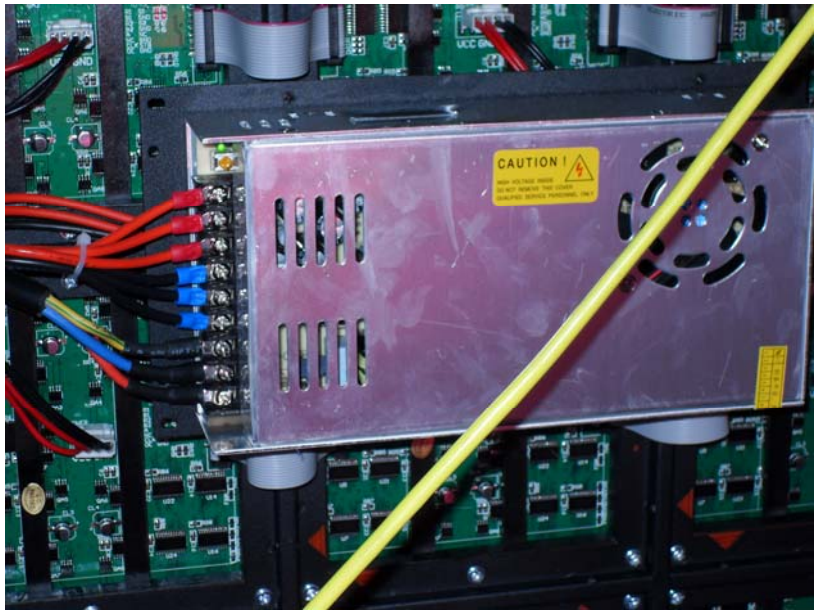
Product: LED Display Unit Module
Model: P16
Power Input: AC110/220V±15% 50-60Hz,15A Maximum
Power Output: AC110/220V±15% 50-60Hz,12A Maximum
Protection Grade: Front side IP65,Rear side IP43
Maximum Consumption: 1000W/m²
Average Consumption: 450W/m²
Operating Temperature: -15℃—55℃
Weight: 62Kg/m²
CE

450/750V

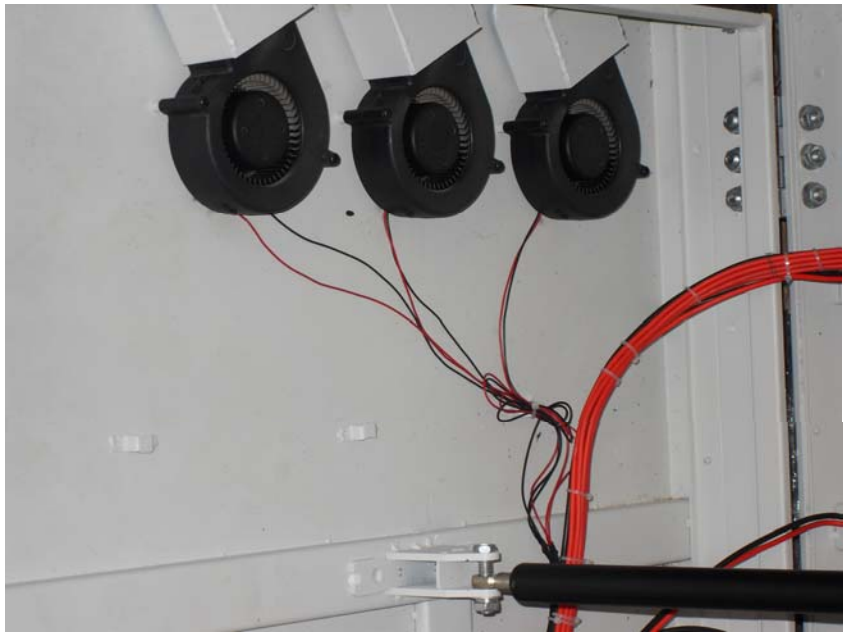


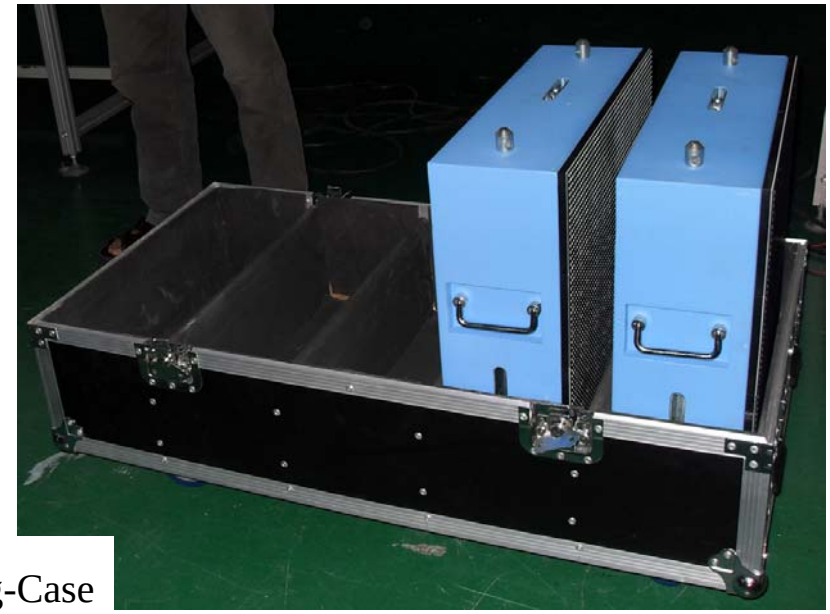




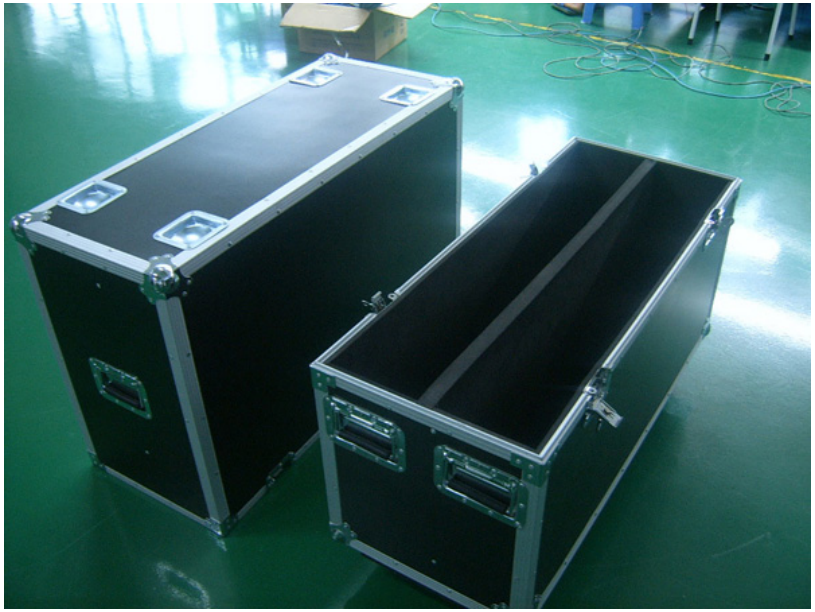

CAUTION

Shenzhen Huishipu Science&Technology Development co.,LTD
HSP
MODEL:HSP12025
AC: 220V~240V 50~60HZ
CE
HUISHIPU SCIENCE





Flight Packing-Case



Wooden Packing-Case

WE GUARANTEE THE FOLLOWS:

1. With 1% free main spare parts: modules, power supply, fans, controlling cards, cables, etc
2. Standard waterproof cabinet with backdoor(Simple cabinet, without backdoor)

   For outdoor use LED screen, IP65 front side/IP54 backside

   For indoor use LED screen, no less favorable than IP20
3. 3 years quality warranty with free repairing if any parts broken because of quality but exclude free replacement and freight for the repairing parts, after 3 years only charge the basic repairing charge
4. MBI5024 driving IC, European standard power and data connector
5. Free wooden packing-case for protecting the screen
6. CE, RoHS, ISO