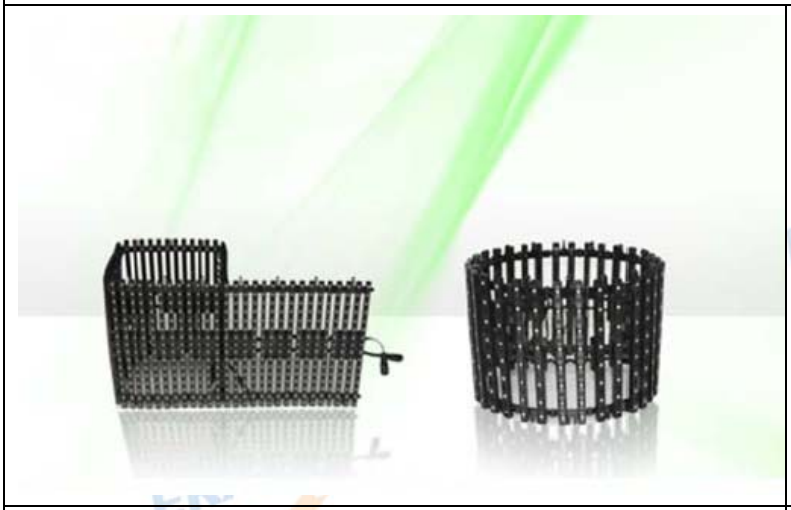
Shenzhen ERALED Optoelectronics Co., Ltd.

Full color flexible LED curtain display



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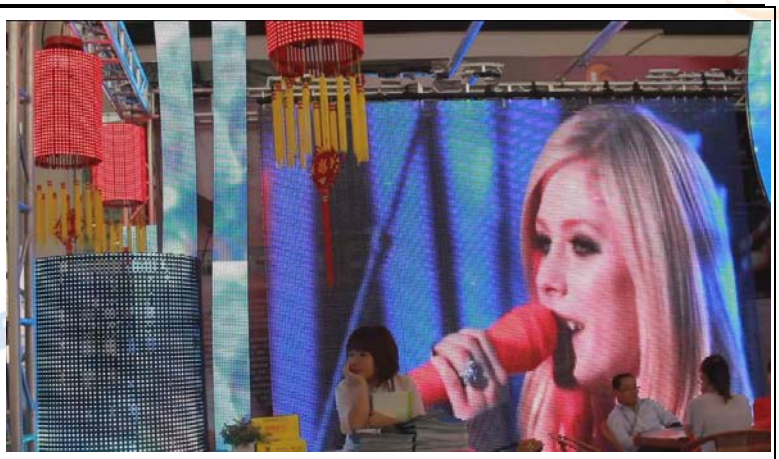

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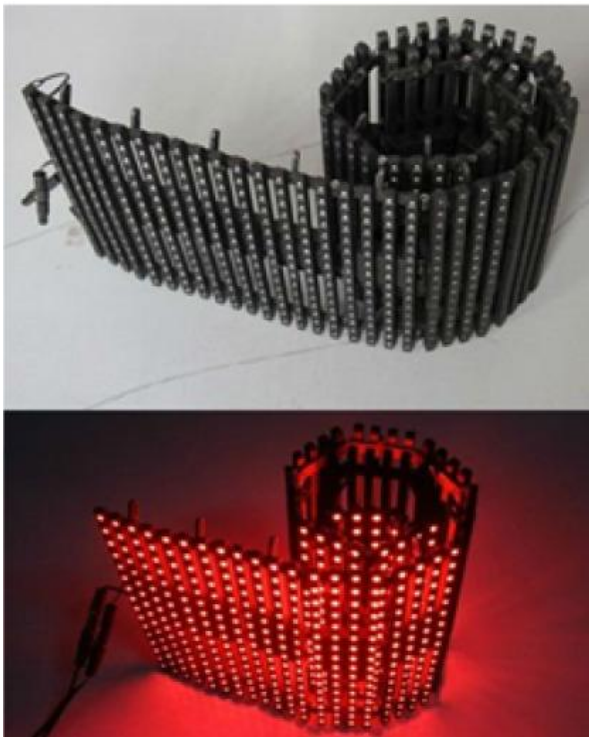
Photos of cabinet (one cabinet consist of one module)



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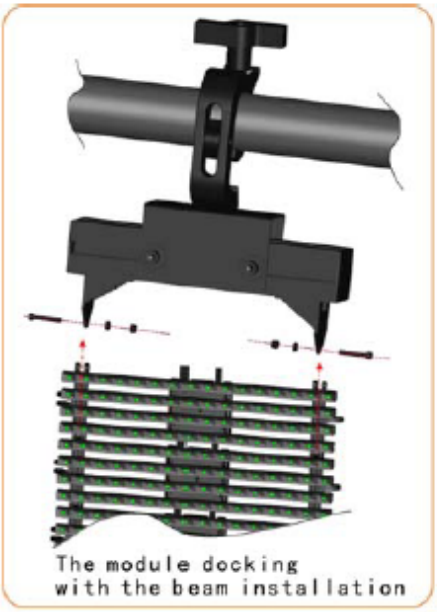
Simple installation



The module docking with the beam installation

The module dock with the module installation

The Courier bolt connection

Docking wire connection

Packing

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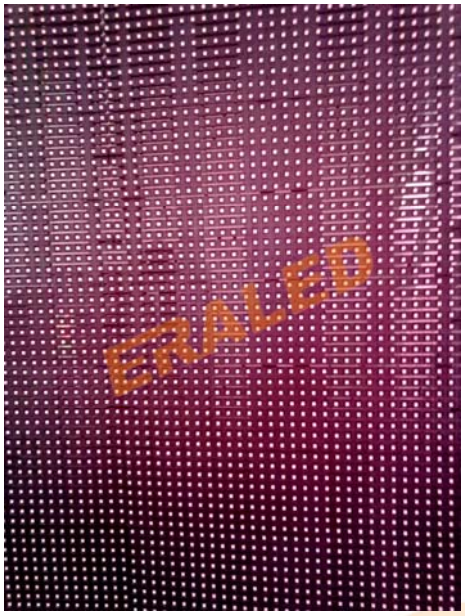
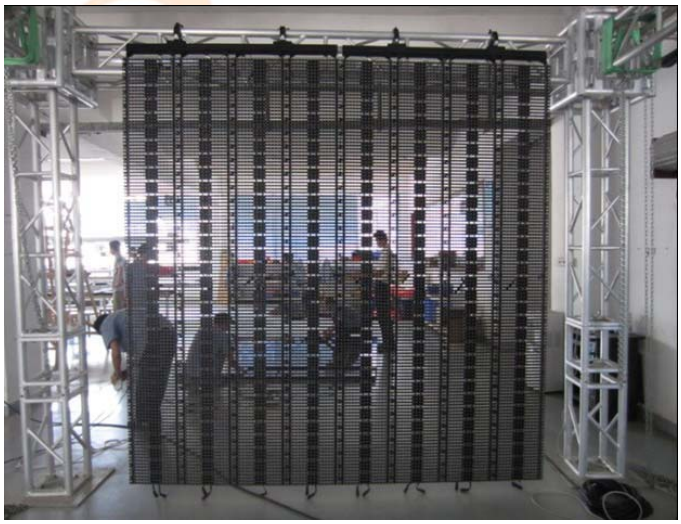
Aging test photos





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Accessories

B

Main controller

C

Power supply

D

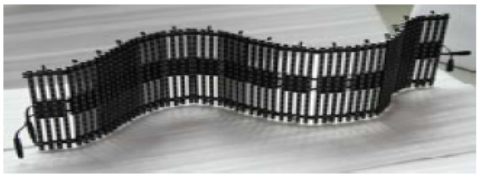
Date box

E

Header

F

Module LED



G

Flightcase

①

UTP WITH RJ45 (20 METER)

②

110/240V CABLE WITH CONNECTOR(10 METER)

③

DC24V CABLE WITH CONNECTOR(10 METER)

④

24V CABLE WITH CONNECTOR(1METER)

⑤

Data cable(1METER)

⑥

UTP WITH RJ45 (3 METER)

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P10mm

◆ Technical Specification(P10mm):

4.8(length) × 2.56(height) meters 12.288 SQM PH10mm SMD 3 in 1 flexilble LED curtain

Pixel configuration	SMD3535 3 in 1
LED configuration	Red: wave length: 625~630nm;300-400mcd Green: wave length: 525~530nm;600-800mcd Blue: wave length: 470~475nm;100-150mcd
Pixel pitch(mm)	**10**
Pixel density(dots/㎡)	**10000**
Calibrated brightness(cd/sqm,nit)	**4000 nits(adjustable)**
Calibrated brightness proportion ratio	R: G: B = 30%:60%:10%(adjustable)
Color temperature	3,500° — 9,500° K(adjustable)
Contrast ratio	4,000:1(adjustable)
Brightness adjustment(dimming)	100 grade auto/manual-adjustment
View angle(degree)(50% brightness)	Horizontal: 160° (80° off center); Vertical: 160° (80° off center)
Readability viewing angle	Horizontal/ Vertical: 170° (85° off center)
Color capability	4.4 trillion
Refresh rate(Hz)	>1200 Hz(adjustable)
Frame frequency(Hz)	>60 Hz
Interface port	DVI interface(DVI connector)
Input signal	VGA, Video, AVI, MOV, MPG, DAT, VOB etc.
Protection grade	IP50 front side/IP20 backside
LED Drive	Constant-current drive
Lifetime(hours)(50% brightness)	100,000 hours
Signal transmission direction	Horizontal
Operating temperature(Celsius degree)	-15～+55'
Storage temperature(Celsius degree)	-30～+65'
Operation humidity(RH)	0-95%
Storage humidity(RH)	0-99%
Servicing	Front and back serving optional
Control mode	Synchronous & asynchronous available
Communication options	Wire Ethernet, Fiber Ethernet, RF wireless, GPRS
Power	120/240 V AC single phase(50-60Hz)
Maximum power consumption(W/SQM)	600
Average power consumption(W/SQM)	240
Screen operation mode(scan/static)	1 / 4

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Module configuration(Pixels quantities of the module)	Length	32
	Height	128
Module dimensions(mm)	**Length**	**320**
	Height	**1280**
Cabinet configuration	Length	1
	Height	1
Cabinet dimensions(mm)	**Length**	**320**
	Height	**1280**
	Width	**50**
Screen configuration(Finished complete screen system)	Length	15
	Height	2
Screen dimensions(m)	Length	4.8000
	Height	2.5600
Screen Size(㎡)	SQM	12.29
Recommend Optimal Viewing Distance: Minimum & Maximum	Min	6
	Max	136
Resolution ratio(dots/pixels)	Length	480
	Height	256
Aspect Ratio(L:H)	1.87500	
Packaging configuration	10 standard cabinets in a packing case(1 cabinet in 1 packing case when the unit cabinet is more than 1.5SQM)	
Packing material	Wooden case/flight case/carton case(optional)	
Packing quantities	15	
Packing volume(CBM)	4	
Packing Dimensions(mm)	Length	370
	Height	1440
	Width	450
Packing weight(KG)	Net	95
	Gross	152
Volume weight(for air shipping)(KG)	599	
Volume weight(for express shipping)(KG)	719	

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