CLW

COMPANY LED WORLD

LED DISPLAY SUPPLIER

CLW

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LED Display Creator

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Enterprise Profile

Qiangli Jucai, Brilliant Performance

Company LED World offers a wide range of high quality standard led display products as well as customized solutions. With leading R&D team in this sector, CLW pays full attention to individual requirement from clients, it can work out full package of services from project study, initial product design, up to production and after services and other extended services if needed.

Production, Detection Equipment
Qiangliled has made a huge investment to import the most advanced production equipment such as automatic plug-in machine, automatic glue machine, AOI tester and so on from Japan, U.S.A, German etc. Sophisticated production equipment, perfect detection system, experienced production & technical staff, lean intellectual factory management, all these guarantee Qiangliled products excellent quality and performance.

Certificate & Honor
Qiangliled is member of COEMA, Optoelectronic Association of Fujian and Xiamen. We have won variety of honors and reputation such as 'Outstanding Enterprise for Energy Saving Emission Reduction', 'Tax Star Enterprise', 'Advanced Organization of Safety Production', 'National Torch Project Certificate' and other honorary title. Qiangliled product has passed quality management system and environment protection system such as ISO9001, CE, RoHS and 3C certificates and so on.

Market Distributing Network
High quality products distribution benefits millions of clients. "Channel is King" is a principle in Qiangliled operation. After decades of profoundly endeavor on various market's distributing network construction and development, we have formed a powerful marketing service network in the industry.

Brand, Vision
Inheriting honorable past and committing on creating better sustainable and friendly LED ecosphere, Qiangli Jucai will keep on constructing, integrating and developing industry chain and enrich the profit pattern with long-term partners such as Nationstar, Kinglight, Novastar, Listen Vision, Chuanglian.

Production Equipment

by Qiangli Jucai

• Steady Supply

Monthly module output：5 5million pcs(SMD&DIP)
SMD Module output：150, 000pcs/day
SMT Line : 42
Automatic Assembly line: 15

•Outstanding Quality

Introducing international advanced high-precision testing equipment, professional LED parameter testing system, vibration testing equipment, etc.

• Standard Management

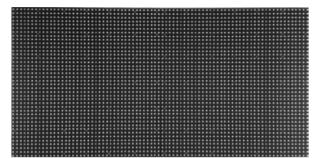Check every process by 6s

• Equipments

1.SMT automatic production line
2.Automatic aging line
3 Automatic potting line
4 Full automatic coating line
5 Ai production line
6 Panasonic multifunctional machine
7 Wave soldering machine
8. Double track high-speed chip shooter
9. high-speed automatic plug-in machine
10 GKG solder paste printer
11 Reflow soldering machine
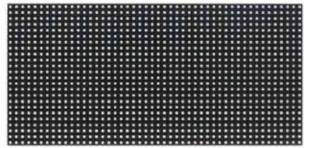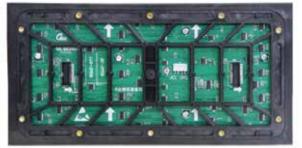12 Automatic chip shooter

Ux series outdoor full color display

S4 module front side

S4 module back side

S6.66 module front side

S6.66 module back side

Available item:
S4, S5, S6, S6.66, S8, S10

Product Features:
Gold wire, good flatness, perfect uniformity and consistency, vivid images, perfect video

Applications:
Specially designed for installation in branding, DOOH(advertising) and retail application.

Ux series outdoor full color LED display ▽ Specification

Items	S4	S5	S6	S6.66	S8 5s	S10 2s
Driving Mode	1/10 Scan	1/8 Scan	1/8 Scan	1/6 Scan	1/5 Scan	1/2 Scan
Structure Features	LED and IC in same PCB					
Pixel Pitch（mm）	4	5	6	6.66	8	10
Module Resolution	80*40	64*32	32*32	48*24	40*20	32*16
Module Size（mm）	320*160	320*160	192*192	320*160	320*160	320*160
Pixel Density	62500	40000	27777	22500	15625	10000
Brightness (cd/m²) High Brightness	6000-6500	6000-6500	6000-6500	6000-6500	6000-6500	6500-7000
Module Weight（Kg）	0.55	0.49	0.35	0.51	0.48	0.48
Max Current（A）	≤ 9.36	≤ 8.69	≤ 6.94	≤ 8.78	≤ 8.38	≤ 9.45
Screen Power（W/m²）Consumption	≤ 753	≤ 679	≤ 753	≤ 686	≤ 655	≤ 738
Optimum Viewing Distance（m）	≥4	≥5	≥6	≥7	≥8	≥10
LED Encapsulation	SMD1921	SMD2727	SMD3535	SMD3535	SMD3535	SMD3535
Attenuation (working 3years)	≤15%					
MTBF	≥10000 hours					
Defective Rate	＜0.0003，it's 0 before delivery					
IP Grade	IP65（Front side）					
Driving IC	Constant current driving IC					
Refresh Rate（Hz）	≥1920					
Optimum Viewing Angle（°）	Horizontal：140°，Vertical：130°					
Gray Scale（Bit）	13					

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Ux series indoor full color

S1.53 module front side

S1.53 module back side

Product Model：
Ux1.53, Ux1.66, Ux1.83, Ux2, Ux2.5, Ux3, Ux3.07, Ux4

Product Features：
Good flatness, perfect uniformity and consistency, vivid images, perfect video, nationstar goldwire.

Applications:
Designed for high-end indoor installation in boardrooms, museums, control rooms, broadcast studios, retail and advertising application.

Ux series indoor full color LED display ▽ Specification

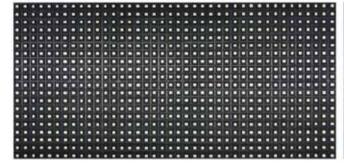| Items	Ux1.53	Ux1.66	Ux1.83	Ux2	Ux2.5	Ux3	Ux3.07	Ux4
Driving Mode	1/26 Scan	1/32 Scan	1/29 Scan	1/20 Scan	1/32 Scan	1/32 Scan	1/26 Scan	1/20 Scan
Pixel Pitch（mm）	1.538	1.666	1.839	2	2.5	3	3.076	4
Module Resolution	208*104	192*96	174*87	160*80	128*64	64*64	104*52	64*32
Module Size（mm）	320*160	320*160	320*160	320*160	320*160	192*192	320*160	320*160
Pixel Density	422500	360000	295664	250000	160000	111111	105625	40000
Brightness（cd/m²）	≥600	≥600	≥600	≥600	≥600	≥600	≥600	≥600
Module Weight（Kg）	0.51	0.51	0.52	0.5	0.45	0.28	0.42	0.35
Max Current（A）	6.5	5.7	4.6	5	5.2	4.3	4.7	5.2
Screen Power Consumption（W/m²）	≤ 571	≤ 501	≤ 404	≤ 439	≤ 457	≤ 525	≤ 413	≤ 457
Optimum Viewing Distance（m）	≥1.6	≥1.7	≥1.9	≥2	≥2.5	≥3	≥3	≥5
LED Type	SMD1010		SMD1515		SMD2020			
Driving IC	PWM Driving IC							
Refresh Rate（Hz）	≥3840							
Attenuation	≤15%							
MTBF	≥10000hours							
Defective Rate	＜0.0003，it's 0 before delivery							
Optimum Viewing Angle（°）	Horizontal：140°，Vertical：130°							
Gray Scale（Bit）	14-16							

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U series outdoor full color

U5 module front side

U5 module back side

U8 module front side

U8 module back side

Product Model：
U4, U5, U6, U6.66, U8, U10

Product Features：
Perfect uniformity and consistency with high contrast, light and slim design, wide viewing angle.

Applications:
Specially designed for installation in branding, DOOH(advertising) and retail application

U series outdoor full color LED display ◐ Specification

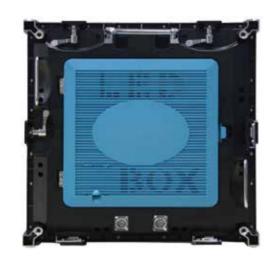| Items	U4	U5	U6	U6.66	U8	U8	U10
Driving Mode	1/10 Scan	1/8 Scan	1/8 Scan	1/6 Scan	1/4Scan	1/5 Scan	1/2 Scan
Structure Features	LED and IC in same PCB						
Pixel Pitch（mm）	4	5	6	6.66	8	8	10
Module Resolution	80*40	64*32	32*32	48*24	32*16	40*20	32*16
Module Size（mm）	320*160	320*160	192*192	320*160	256*128	320*160	320*160
Pixel Density/㎡	62500	40000	27777	22500	15625	15625	10000
Brightness（cd/m²）	5000-5500	4500-5000	4500-5000	4500-5000	5000-5500	4500-5500	5500-6000
Module Weight（Kg）	0.52	0.46	0.35	0.51	0.3	0.48	0.48
Max Current（A）	9.36	8.69	6.94	8.78	6.24	8.38	9.45
Screen Power Consumption（W/m²）	823	679	753	686	762	655	738
Optimum Viewing Distance（m）	≥4	≥5	≥6	≥7	≥8	≥8	≥10
LED Type	SMD2525		SMD3535				
Attenuation	≤15%						
MTBF	≥10000hours						
Defective Rate	＜0.0001，it's 0 before delivery						
IP Grade	IP65（Front side）						
Driving IC	Constant current driving IC						
Refresh Rate（Hz）	≥1920						
Optimum Viewing Angle（°）	Horizontal：140°，Vertical：130°						
Gray Scale（Bit）	13						

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U series indoor full color

640*640 die-casting cabinet front side

640*640 die-casting cabinet back side

Product Model:
U1.53, U1.66, U1.83, U2, U2.5, U3, U3.07, U4

Product Features:
Good flatness, perfect uniformity and consistency, vivid images, perfect video performance, wide viewing angle

Applications:
Designed for indoor installation in fashion retail, automotive retail, banking or transit advertising application, but it's equally suited for fixed installation in museum, theater, house worship, indoor sports venue and corporate venues.

U series indoor full color LED display ▼ Specification

Items	U1.53-pro	U1.66-pro	U1.83-pro	U2-pro	U2.5-pro	U3-pro	U3.076-pro	U4-E
Driving Mode	1/26scan	1/32scan	1/29 scan	1/20 Scan	1/32 Scan	1/32 Scan	1/26 Scan	1/20Scan
Pixel Pitch（mm）	1.53	1.66	1.83	2	2.5	3	3.076	4
Module Resolution	208*104	192*96	174*87	160*80	128*64	64*64	104*52	80*40
Module Size（mm）	320*160	320*160	320*160	320*160	320*160	192*192	320*160	320*160
Pixel Density/㎡	422500	360000	295664	250000	160000	111111	105625	62500
Brightness（cd/m²）	≥500	≥500	≥500	≥500	≥500	≥500	≥500	≥500
Module Weight（Kg）	0.51	0.51	0.53	0.5	0.45	0.28	0.32	0.35
Max Current（A）	6.5	5.7	5.8	5	5.2	4.3	4.7	5.3
Screen Power Consumption（W/m²）	571	501	404	439	457	525	413	465
Optimum Viewing Distance（m）	≥1.6	≥1.7	≥1.9	≥2	≥2.5	≥3	≥3	≥4
LED Encapsulation	SMD1010		SMD1515		SMD2020			
Driving IC	Constant current driving IC				Constant current driving IC			
Refresh Rate（Hz）	≥3840							≥1920
Attenuation	≤15%							
MTBF	≥10000 hours							
Defective Rate	＜0.0001，it's 0 before delivery							
Optimum Viewing Angle（°）	Horizontal：140°，Vertical：130°							
Gray Scale（Bit）			15		16			

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T series

400*300 die-casting cabinet front side

400*300 die-casting cabinet back side

Product Model:
T1.25, T1.58, T1.66, T1.92

Product Features:
Die-casting aluminum cabinet, high precision stitching, lightweight, fast installation
Refresh rate over 3840HZ, perfect display performance
140°Viewing Angle, same effect on multi-directional viewing
Flicker-free and no graininess

Applications:
High-end ultra HD-LED displays not only suits the traditional LED indoor markets, but also for application including control rooms and boardrooms.

T series indoor full color Ultra HD LED Display ▽ Specification

Items	T1.25	T1.58	T1.66	T1.92
Driving Mode	1/30scan	1/30scan	1/30 scan	1/26 Scan
Pixel Pitch（mm）	1.25	1.58	1.66	1.92
Module Resolution	160*240	160*90	120*180	104*156
Module Size（mm）	200*300	252.8*142.2	200*300	200*300
Pixel Density/㎡	640000	400576	360000	270400
Brightness（cd/m²）	≥500	≥500	≥500	≥500
Cabinet Weight（Kg）	5.5	4.15	4.26	5.6
Screen Power Consumption（W/m²）	664	950	625	625
Optimum Viewing Distance（m）	≥1.3	≥1.58	≥1.7	≥2
LED Encapsulation	SMD1010	SMD1010	SMD1010	SMD1010
Driving IC	Constant current driving IC		Constant current driving IC	
Refresh Rate（Hz）	≥3840			
Attenuation	≤15%			
MTBF	≥10000 hours			
Defective Rate	＜0.0001，it's 0 before delivery			
Optimum Viewing Angle（°）	Horizontal：160°，Vertical：160°		Horizontal：160° Vertical：160°	Horizontal：160° Vertical：160°
Gray Scale（Bit）	16			

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UMG LED series indoor full color

640*480 UMG LED cabinet front side

640*480 UMG LED cabinet back side

Product Model：
UM1, UM2

Product Features：
Full front maintenance, light and portable, separate installation, one-box multi-purpose, double backup, seamless splicing, efficient heat dissipation, large load, high strength.

Applications:
Designed for indoor installation in boardrooms, museums, control rooms, broadcast studios, retail and advertising application.

UMG LED series indoor full color LED Display

Specification

UMG LED Pixel Pitch(mm)	UM1 1.25, 1.379, 1.538, 1.666, 1.839, 2(20s)		UM2 2(40s), 2.5, 3.076, 4
Configuration	1R1G1B		
Module Quanity(L*W)	2*3		
Cabinet Size(W*H*D)	640mm*480mm*85mm		
Cabinet Area(sqm)	0.307		
Cabinet Weight(KG)	7.85		
Cabinet Flatness(mm/sqm)	<0.65		
Cabinet Power Configuration	4.5V 50A		
Environment	Indoor		
Contrast(X :1)	5000		3000
Refresh Rate(Hz)	≥3840		≥1920V
Optimum Viewing Angle（°）	Horizontal：140°/Vertical：160°		Horizontal：140°/Vertical：130°
Gray Scale（Bit）	14-16		13

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U poster series (LED Poster)

U Poster series indoor full color LED poster ▼ Specification

Product Model：
UP 2.0, UP 2.5

Product Features：
Beautiful appearance, plug and play, easy to transfer, multi-function control, multiple border colors.

Applications:
Designed for installation in shopping malls, restaurants, theaters, airports, government agencies, conference rooms.
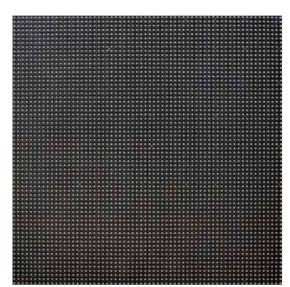
U poster series	UP 2.0	UP 2.5
Pixel Pitch(mm)	2.0	2.5
Configuration	1R1G1B	
Pixel Density(Dots/set)	256000 Dots/set	163840 Dots/set
Module Quanity(L*W)	4*5	
Resolution	320*800	256*640
Screen Size(W*H*D)	686mm*1766mm*45mm(Tilt) 694mm*1875mm*45mm(Upright)	
Display Size(W*H)	640*1600	
Cabinet Weight(KG)	32±1(Tilt) 、52±1(Upright)	
Cabinet Flatness(mm/sqm)	＜1	
Maximum Current(A)	≤5.2	
Maximum Consumption(W)	585	
Brightness	≥500	
Brightness uniformity	≥95％	
Contrast(X :1)	3000：1	
Refresh Rate(Hz)	≥3840	
Frame frequency(Hz)	≥60	
Gray Scale(Bit)	14～16	
Optimum Viewing Angle(°)	Horizontal:140°, Vertial :130°	
Power Supply Requirements	Standard AC200V , Custom Made 110V	
Control Mode	Intenet/ WIFI	
Screen Mode	Asynchronous	
Operation Temperature	≤60℃	
Environment Temperature	－20℃～40℃ 10％---65％RH	

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Standard Series

N 4.81 front side

N 4.81 back side

Product Model：
500*500/500*1000, outdoor: N3.91, N4.81, N5.95   indoor: D2.84, D3.91

Product Features：
 Ultra-light weight, ultra-thin, good compatibility, quick installation, reliable performance

Applications:
Designed for indoor and outdoor installation in retail industry, entertainment, conference events, etc.

Indoor D Series
Outdoor N Series

Rental application
full color LED Module

▼ Specification

Items	Indoor		Outdoor		
	D2.84	D3.91	N3.91	N4.81	N5.95
Cabinet Size	500*500/ 500*1000				
Driving Mode	1/22scan	1/16scan	1/16scan	1/13scan	1/7scan
Structure Features	LED and IC in same PCB				
Pixel Pitch（mm）	2.84	3.91	3.906	4.806	5.952
Module Resolution	88*88	64*64	64*64	52*52	42*42
Module Size（mm）	250*250	250*250	250*250	250*250	250*250
Pixel Density/㎡	123904	65536	65536	43264	28224
Brightness（cd/m²）	≥600	≥600	3500-4000	3500-4000	4500-5000
Module Weight（Kg）	0.52	0.55	0.68	0.69	0.58
Screen Power Consumption（W/m²）	576	576	576	720	720
Optimum Viewing Distance（m）	3	4	4	5	6
LED Encapsulation	SMD2020	SMD2020	SMD1921	SMD2525	SMD2525
Driving IC	PWM driving IC				
Refresh Rate（Hz）	≥3840				
Optimum Viewing Angle（°）	Horizontal：140+10°/Vertical：130°+10		Horizontal：140+10°/Vertical：130°+10		
Gray Scale（Bit）	14				
Attenuation	≤15%				
MTBF	≥10000hours				
Defective Rate	＜0.0001，it's 0 before delivery				

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BYBLOS CHRISTMAS VILLAGE - RENTAL OUTDOOR - 6 X 3 M

CASINO DU LIBAN - U5 MM - OUTDOOR - 3 X 5 M

ANTOINE SALIBA JEWELERY - U6 MM - OUTDOOR - 7 X 3 M

HUNTER REPUBLIC OFEICH - U8 MM - OUTDOOR - 4 X 3 M

DAR SULTANI ANTELIAS - U6 MM - OUTDOOR - 6 X 4 M

HOMENTMEN CLUB - PERIMETER - 30 SQM

CASINO DU LIBAN - U5 MM - OUTDOOR - 3 X 5 M

PROVINCIAL ANTELIAS - U5 MM - OUTDOOR - 3 X 2 M

CASINO DU LIBAN - Ux 4 MM - OUTDOOR - 2 X 1 M

CASINO DU LIBAN - WORLD CUP EVENT - RENTAL LED SCREENS

CHERFAN DESIGN - MEDIAGRILLE P10 MM - OUTDOOR - 5 X 4 M

MOST STEEL BEIRUT - U5 MM - OUTDOOR - 4 X3 M DOUBLE SIDED

BRUMANA HIGH SCHOOL - U10 MM - OUTDOOR - 3 X 2 M

DAR SULTANI HAMRA - U4 MM - INDOOR - 3 X 2 M

HOME THATER TV - U 4 MM - OUTDOOR - 2.56 X 1.4 M

CASINO DU LIBAN - Ux 4 mm - OUTDOOR - 8 X 3 M

CASINO DU LIBAN - Ux 4 MM - OUTDOOR - 2 X 1 M

DAR SULTANI ANTELIAS - U4 MM - INDOOR - 3 X 2 M

BYBLOS BANK DBAYEH - U8 MM OUTDOOR - 4 X 1.28 M

CALIFOOD - WALLSIGN - U 10 MM - 10 X 7 M

CASINO DU LIBAN - M1-56 - LED MESH - 4 X 4 M

CASINO DU LIBAN - RENTAL LED SCREEN - NEW YEAR EVE

CASINO DU LIBAN - RENTAL LED SCREEN - U4 MM OUTDOOR

J M SUPERMARKET - U5 MM OUTDOOR - 3 X 3 M

L'ABEILLE DOR - U6 MM - OUTDOOR - 3 X 2 M

KEYROUZ BAKERY - UX 10 MM - OUTDOOR - 4 X 3 DOUBLE SIDED

OCEAN BLUE - SLIDING DOORS - U5 MM - 4 X 3 M

L'ABEILLE DOR - U6 MM - OUTDOOR - 3 X 2 M

MONT FORT GALLERY FANAR - U4 MM - OUTDOOR - 3 X 2 M

PROVINCIAL KASLIK - U4 MM - OUTDOOR - 2 X 1.5 M

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