ISEE LED

www.iseeled.com

Controllable LED Lighting Solutions
for Theme Parks, Clubs,TV Studios and Big Shows

CE   FC   RoHS

Introduction of ISEELED Tech

Iseeled Technology Co., Ltd established in 2016, and main team members of ISEELED in LED lighting area for more than 10 years, which have the advance R&D, producing, testing and marketing and sales department to make sure we can provide best products and services to the market.

Iseeled Technology Co., Ltd provide the led lightings and the lighting controller systems which covers a lot of led ligthing application.

Welcome to contact us and visit our facotry.

Factory & Plant

Research resources

INDEX

LED Dot Light

Ø14mm, Ø50mm, Ø80mm 3D LED Ball

Dimension

M16mm 47.36mm ø50mm 22mm

ø80mm 65mm 125mm Min70mm

14.6mm 28.4mm ø14.6mm

Features

• ø14mm, ø50mm, ø80mm LED Ball, opaque milky/icy/clear/silver/golden type housing, 360° emitting.

• 3D video display, high manifestation and visual impact.

• High Brightness and long service life LED.

• Easy to install, connect by 3D specialized line.

• MIN pitch=15CM. Customized pitch and customized ball qty/string. More than 40 pcs/string
 with aircraft cable to bear the weight.

• DMX address manually.

• Protection: IP 54/ IP 65.

Diagram

LED-ANC12X512

Parameters

Model	LED-3DB50DMX0401	LED-3DB80DMX0301	LED-3DB14DMX0201
Product Name	50mm LED Ball	80mm LED Ball	14mm LED Ball
Housing Diameter	ø50mm	ø80mm	ø14mm
Housing Color	Frosted/clear/silver/golden/icy	Milky	Milky
Housing Material	Acrylic	PC	Acrylic
LED Type	SMD RGB 5050	SMD RGB 5050	SMD RGB 5050
LED QTY	4 pcs	3pcs	2pcs
Input Voltage	DC 15V	DC 12V	DC 7.5V
Max Power	0.9W	0.72W	0.5W
Protocol	DMX512	DMX512	DMX512
Control Mode	DMX Artnet / DMX DVI / Standalone Control		
Protection	IP54 / IP 65	IP53 / IP 65	IP53 / IP 65
Operating Temperature	-20°C~+60°C	-20°C~+60°C	-20°C~+60°C
Storage Temperature	-40°C~+80°C	-40°C~+80°C	-40°C~+80°C
Weight	0.1kg/pc	0.18kg/pc	0.0033kg/pc
Note	Pitch and Qty for each string can be customized		

Power 150W,12VDC

PC

DMX OUTPUT

100-240VAC

LED Dot Light
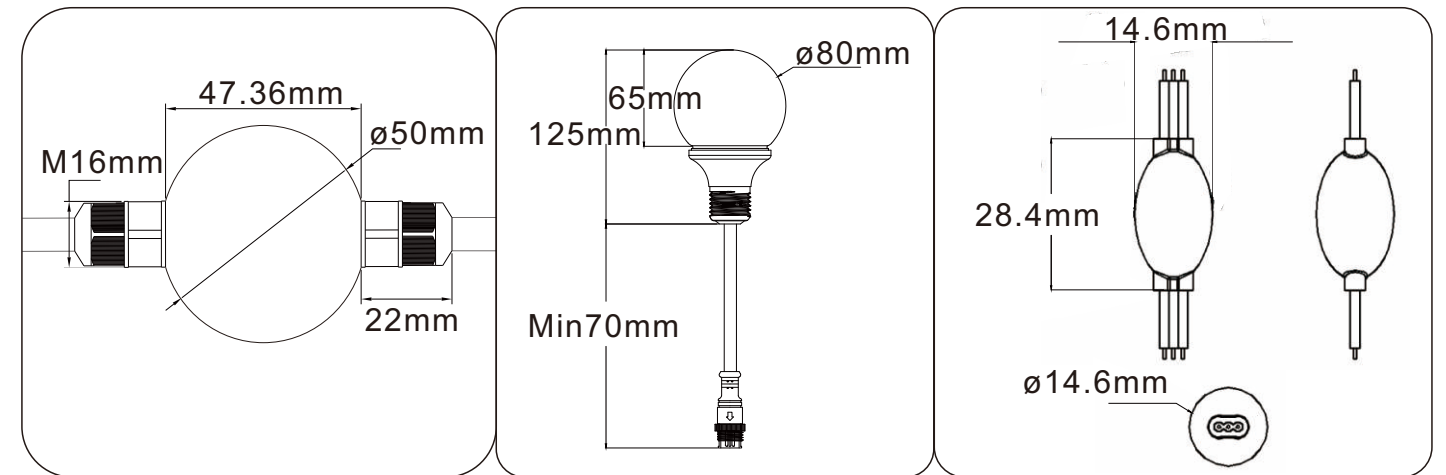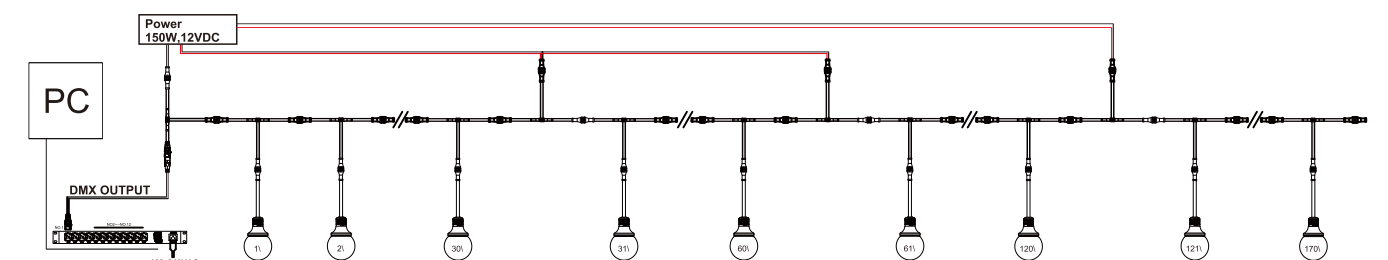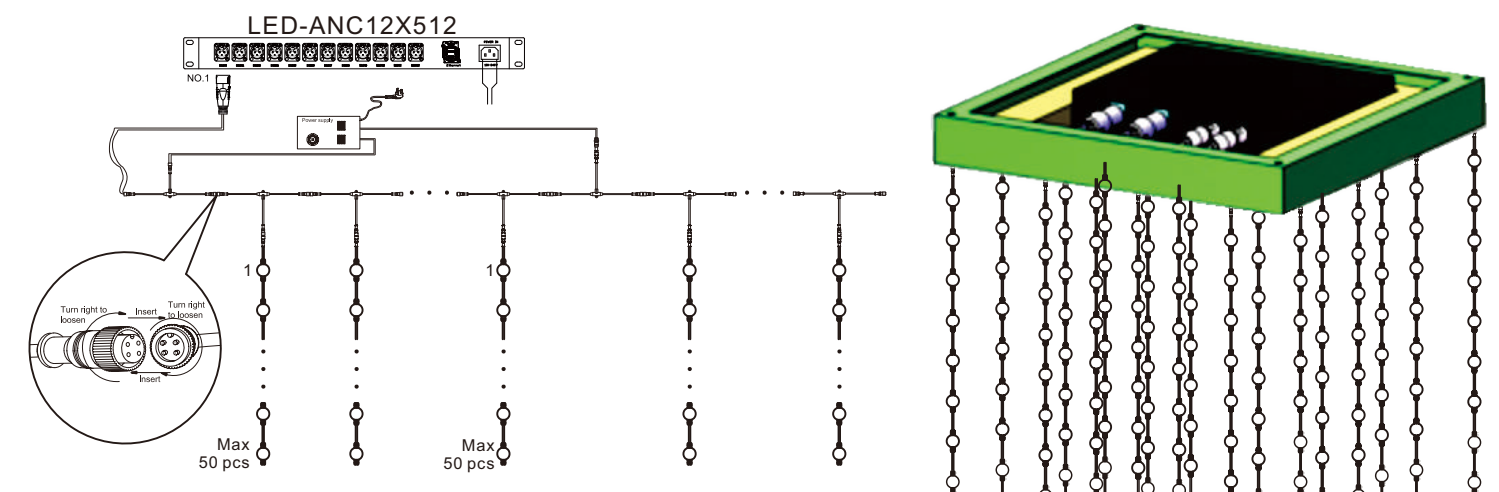
Ø15cm, Ø20cm, Ø30cm, Ø40cm, Ø50cm LED Magic Ball

Features

• These DMX RGB Magic Ball can be installed hanging from the ceiling or sitting on the floor.
• RGB SMD 5050 leds are used in these balls.
• The communication between balls is synchronized perfectly standard DMX512 control protocol.
• Apply solid capacitor on PCB for long life time.
• Save 40% power with more efficient power management design.
• Wide working voltage range: 15-24VDC, user only needs to feed power at the beginning of each universe.
• Protections: short circuit, over current, over temperature.
• Application: Party, events, wedding, bars, clubs, stage, and so on.

Parameters

Model	LED-MB150DMX0601	LED-MB200DMX1201	LED-MB300DMX1201	LED-MB400DMX1801	LED-MB500DMX1801
Diffuser	Milky white	Milky white	Milky white	Milky white	Milky white
Diameter	ø15cm	ø20cm	ø30cm	ø40cm	ø50cm
LED QTY	6PCS	12PCS	18PCS	24PCS	24PCS
LED	RGB SMD5050	RGB SMD5050	RGB SMD5050	RGB SMD5050	RGB SMD5050
View Angle	360	360	360	360	360
Voltage	DC24V	DC24V	DC24V	DC24V	DC24V
Power	1.44W	3W	4.32W	5.76W	5.76W
Control protocol	DMX512	DMX512	DMX512	DMX512	DMX512
Address Setting	Manually	Manually	Manually	Manually	Manually
Pixel	1Pixel	1Pixel	1Pixel	1Pixel	1Pixel
DMX Channels	3Channels	3Channels	3Channels	3Channels	3Channels
Universe	170balls/universe	170balls/universe	170balls/universe	170balls/universe	170balls/universe
Operating Temperature	-20°C ~ +50°C	-20°C ~ +50°C	-20°C ~ +50°C	-20°C ~ +50°C	-20°C ~ +50°C
Storage Temperature	-40°C ~ +80°C	-40°C ~ +80°C	-40°C ~ +80°C	-40°C ~ +80°C	-40°C ~ +80°C
Certificate	CE/ROHS	CE/ROHS	CE/ROHS	CE/ROHS	CE/ROHS
IP	IP54	IP54	IP54	IP54	IP54

Dimension

Ø15CM Ø20CM Ø30CM Ø40CM Ø50CM

Diagram

Safty connection point

Power 320W Power 320W

PC

DMX OUTPUT

Hanging Wire

100 - 240VAC

1\ 2\ 43\ 44\ 85\ 86\ 129\ 130\ 170\

LED Dot Light
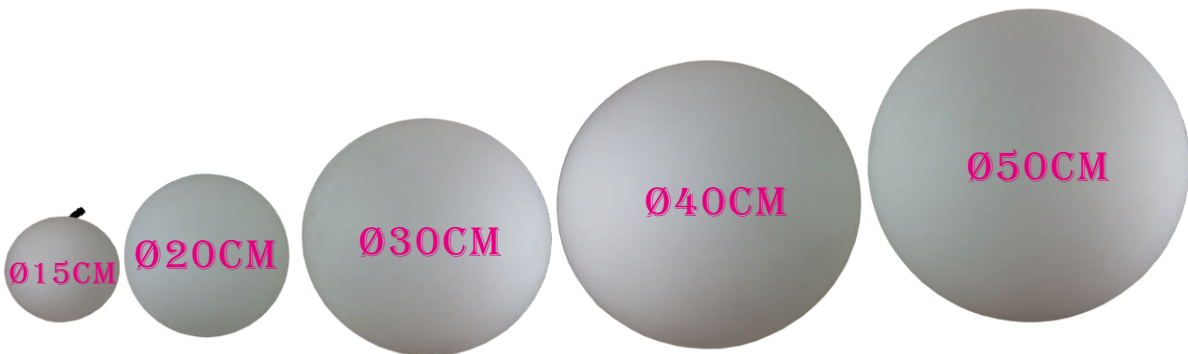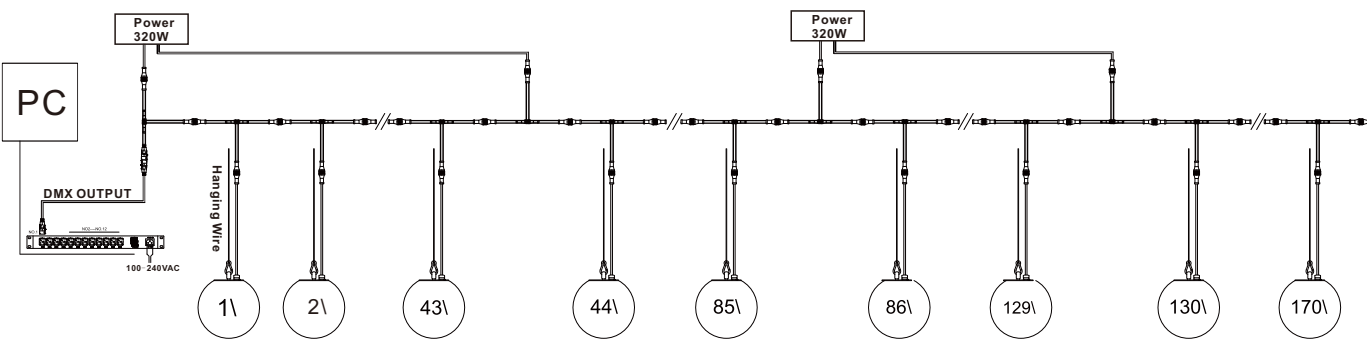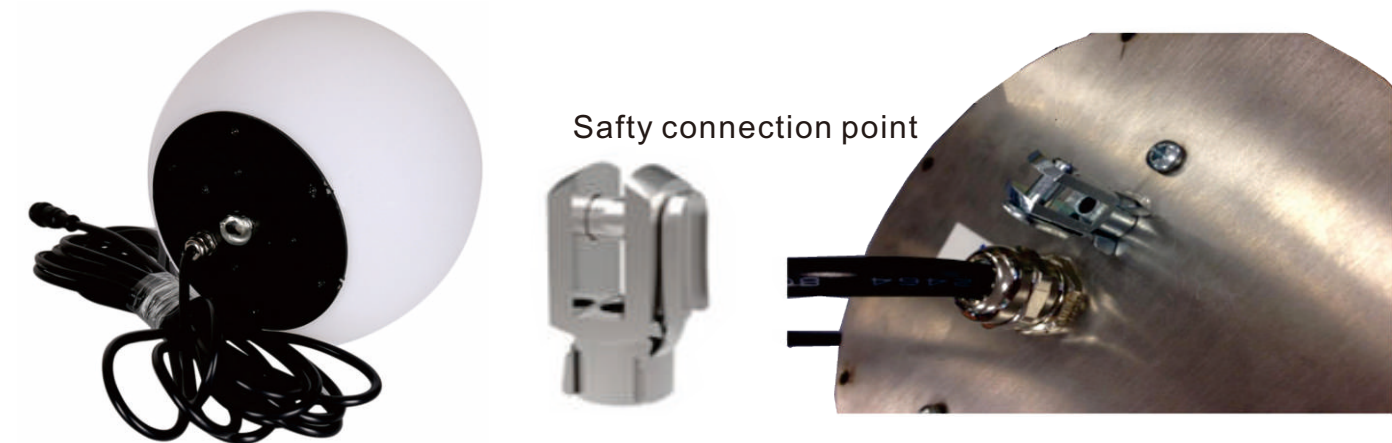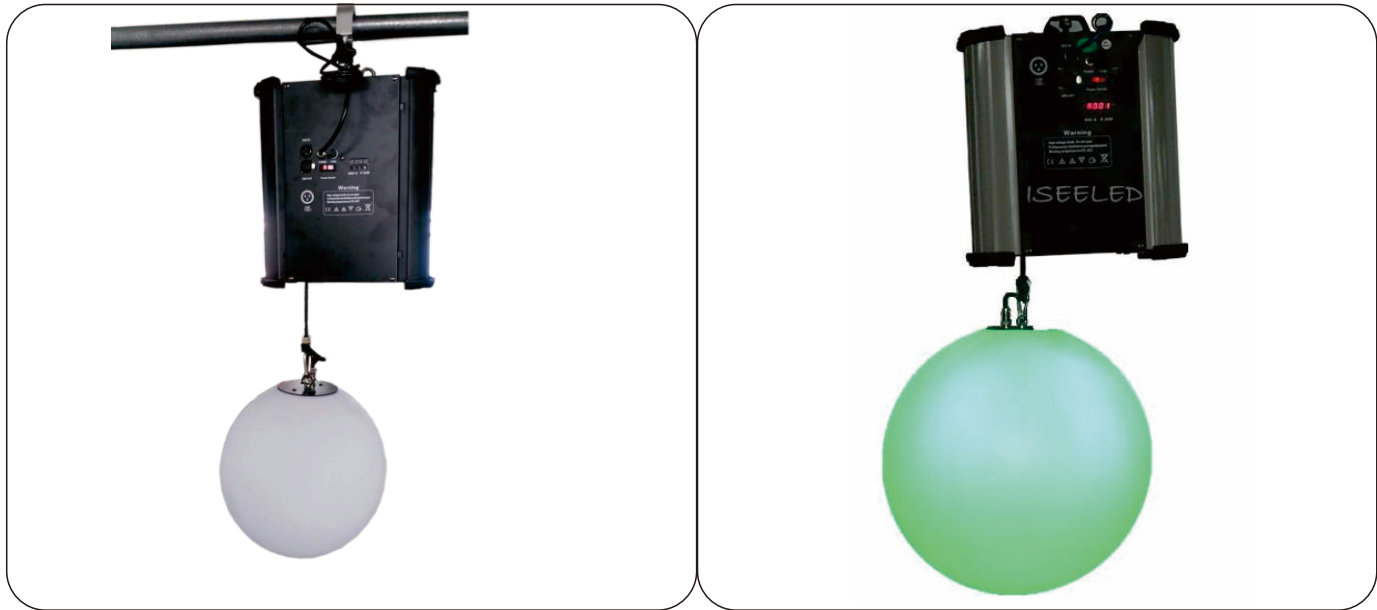
Features

· Lifting Height 0-1.5M/0-4M/0-6M/0-9M, which can be customized.

· LED ball size 20CM/25CM/35CM/50CM, which can be customized.

· Electric motor driver has stronger power to moving winch.

· Speed: regular version is 0.2m/s, high speed version for 20cm, 25cm and 35cm DMX kinetic

  ball is 0.5m/s. We also have the top version, the speed of it is 2m/s.

· DMX 512 Protocol, 8 DMX channels each Kinetic LED Ball.

· Red, green and blue perform dimming separately, 256 color grey no flicker.

· Application: Ceiling decoration, DJ, nightclub, bar, KTV, television studio, theater, concert and so on.

Parameters

Model	LED-KB20DMX1801	LED-KB25DMX25201	LED-KB50DMX46801
LED Ball Diameter	ø20cm	ø25cm (or ø35cm)	ø50cm
LED type & Qty	18 pcs SMD RGB 5050	252 pcs ø5 high bright DIP	468 pcs ø5 high bright DIP
Kinetic Range &Kinetic Machine Size	0-1.5M, 0-4M, 0-6M, 0-9M 0-4M machine L355*W150*H390mm, 0-9M machine L450*W150*H470mm		
Control Mode	DMX 512	DMX 512	DMX 512
DMX Channels	8 DMX channels	8 DMX channels	8 DMX channels
In&Out Signal Connection	XLR 3 pin or RJ45	XLR 3 pin or RJ45	XLR 3 pin or RJ45
Kinetic Machine Speed	0.2M/Second	0.2M/Second	0.2M/Second
Operation Voltage	90V~240V AC, 50 ~60HZ	90V~240V AC, 50 ~60HZ	90V~240V AC, 50 ~60HZ
Power Consumption	45W	60W	80W
Working Temperature	-5°C~+45°C	-5°C~+45°C	-5°C~+45°C
Gross Weight	10KG	11KG	17KG

Dimension & Diagram

9m Kinectic Machine

450mm
155mm
150mm
470mm

25cm

4m Kinectic Machine

355mm
155mm
150mm
390mm

35cm

DMX Signal Amplifier
6 ports occupied, 64*8=512 DMX channels
100-240VAC

PC with Lighting Software

100-240VAC

DMX OUTPUT

DMX Artnet Node
LED-ANC12X512
100-240VAC

| 1\ | 2\ | 3\ | 10\ | 11\ | 12\ | 60\ | 64\ |

LED Dot Light
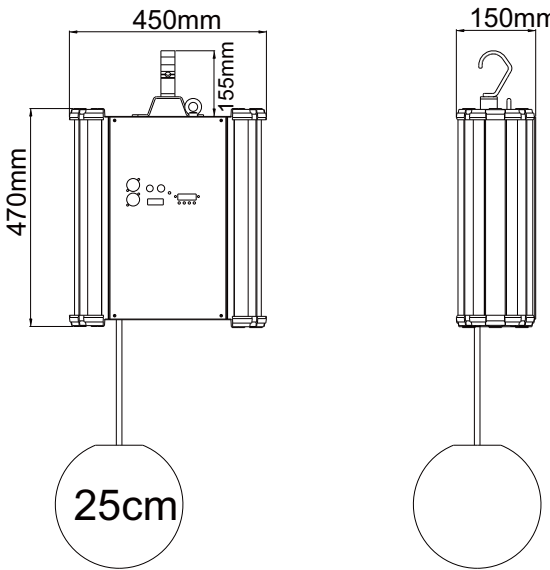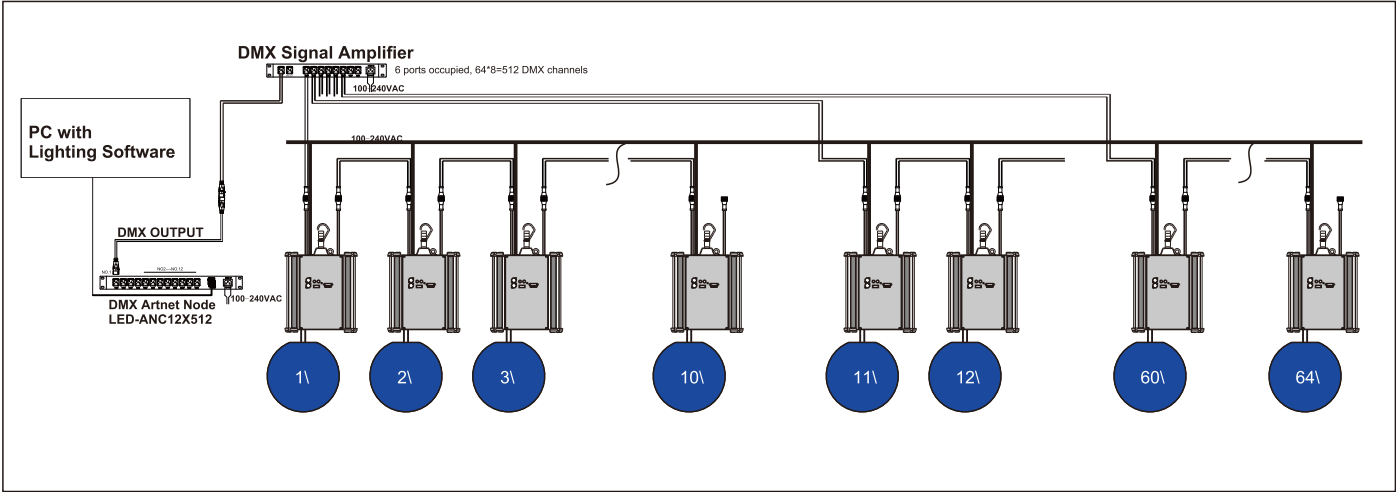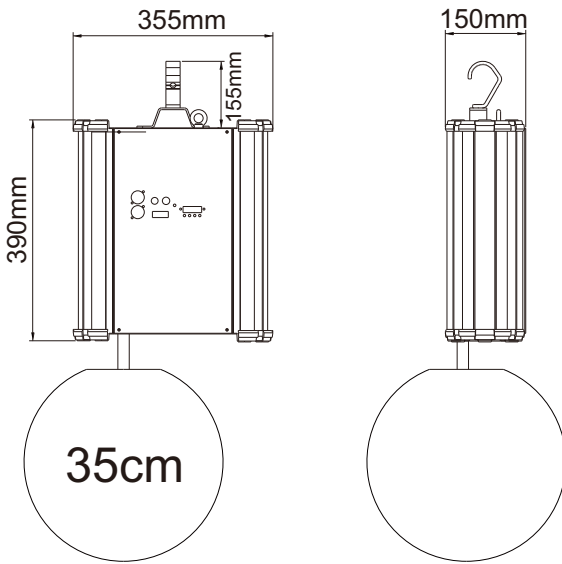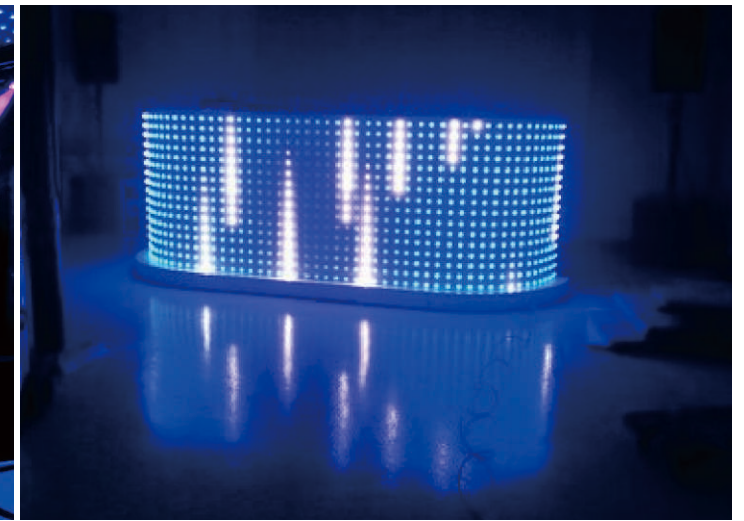
Ø3cm, Ø5cm, Ø10cm, Ø12cm, SMD LED DMX Pixel

Ø8cm, Ø6.4cm, Ø7.8cm, High Power LED DMX Pixel

Features

- 30mm, 50mm, 100mm, 120mm DMX LED Pixel Light, dome cover, milky/clear/dot housing, 180° emitting.
- LED Pixel space customized 80mm-3000mm.
- High Brightness SMD RGB 5050 led and long service life at least 50,000 hours.
- Standard DMX 512 control, 44 frames/second, manual or auto-addressing.
- Easy to install, and fast get through input and output connector.
- Protection: IP 54/ IP 65.
- Application: entertainment led lighting or architecture led lighting installation.

Features

- 64mm, 78mm, 80mm high power led pixel with specific emitting angle for architectural or entertainment application.
- LED Pixel space customized 80mm-3000mm.
- High power led and long service life at least 50,000 hours.
- Standard DMX 512 control, 44 frames/second, manual or auto-addressing.
- Easy to install, and fast get through input and output connector.
- Protection: IP 65.
- Application: entertainment led lighting or architecture led lighting installation.

Parameters

Model	LED-PL30DMX0301	LED-PL50DMX0301	LED-PL100DMX1201	LED-PL120DMX1801
Product Name	30mm DMX LED Pixel	50mm DMX LED Pixel	100mm DMX LED Pixel	120mm DMX LED Pixel
Diameter	ø30mm	ø50mm	ø100mm	ø120mm
Housing color&material	Milky/Clear PC	Milky/Clear/Dot/Diamond PC		
Base color&material	No base	White/black ABS	ABS/Aluminum	Aluminum
LED Type	SMD RGB 5050	SMD RGB 5050	SMD RGB 5050	SMD RGB 5050
LED QTY	3pcs	3pcs	12pcs	18pcs
Input Voltage	12V DC	12V DC	24V DC	24V DC
Max Power	0.72W	0.72W	2.88W	4.32W
Protocol	DMX 512 Manual/ Auto addressing			
Control Mode	DMX Artnet/ DMX DVI/Standalone SD Card control/DMX console, etc			
Protection	IP65	IP65	IP65	IP65
Operating Temperature	-10°C~+45°C	-20°C~+50°C	-20°C~+50°C	-20°C~+50°C
Humidity Range	0 to 95% non-condensing			
Net Weight	0.0125kg	0.1155kg	0.2386kg	0.3032kg

Parameters

Model	LED-HP80DMX0101	LED-HP64DMX0101	LED-HP64DMX0101B	LED-HP78DMX0101
Product Name	3W 80mm High Power RGB DMX LED Pixel	3W 64mm High Power RGB DMX LED Pixel	4W 64mm High Power RGBW DMX LED Pixel	4W 78mm High Power RGBW DMX LED Pixel
Diameter	ø80mm	ø64mm	ø64mm	ø78mm
Housing color&material	Anodized oxide silver/Painting black aluminum housing			
Emitting Angle	70 degree	120 degree	120 degree	10*75 / 120 degree
LED Type	3W RGB in one	3W RGB in one	4W RGB in one	4W RGB in one
LED QTY	1pc	1pc	1pc	1pc
Input Voltage	12V DC	12V DC	12-24V DC	12-24V DC
Max Power	3W	3W	4W	4W
Protocol	DMX 512 Manual/ Auto addressing			
Control Mode	DMX Artnet/ DMX DVI/Standalone SD Card control/DMX console, etc			
Protection	IP65	IP65	IP65	IP65
Operating Temperature	-10°C~+45°C	-20°C~+50°C	-20°C~+50°C	-20°C~+50°C
Humidity Range	0 to 95% non-condensing			
Net Weight	0.4667kg	0.3161kg	0.3161kg	0.8127kg

LED Dot Light

Ø2cm, Ø3cm, Ø5cm, Ø10cm, SMD LED SPI Pixel
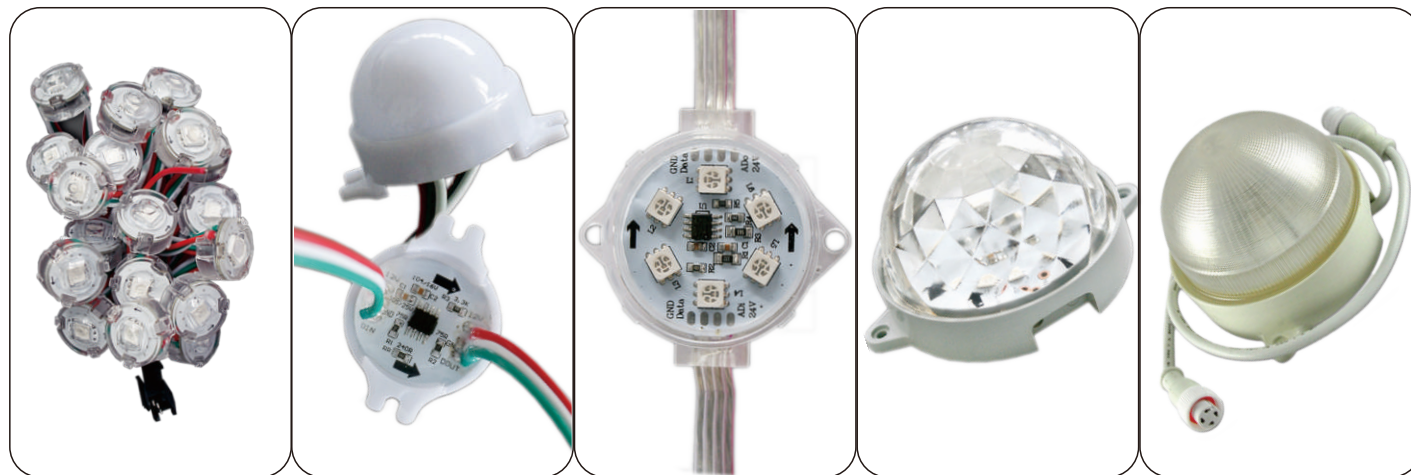
Features

 • 20mm, 30mm, 50mm, 100mm, 120mm SPI LED Pixel Light, different size, brightness, and series signal
   transmit to suitable for different project.
 • The SPI led pixel light cost economic than DMX led pixel light and also working well when the environment
   not so horrible (electrical wave, distance, etc).
 • LED Pixel space customized 80mm-3000mm.
 • High Brightness SMD RGB 5050 led and long service life at least 50,000 hours .
 • WS2801, WS2811, SM16703, UC1903 IC, or other LED IC driver can be used for the SPI led pixel light.
 • Easy to install, and fast get through input and output connector.
 • Protection: IP 54/ IP 65.

Parameters

| Model	LED-PL20SPI0101	LED-PL30SPI0301	LED-PL50SPI0601	LED-PL100SPI1801
Product Name	20mm SPI LED Pixel	30mm SPI LED Pixel	50mm SPI LED Pixel	100mm SPI LED Pixel
Diameter	ø20mm	ø30mm	ø50mm	ø100mm
Housing color&material	Clear PC	Milky/Clear PC	Milky/Clear/Dot/Diamond PC	
Base color&material	No base	No base	PC/ABS/Aluminum	ABS/Aluminum
LED Type	SMD RGB 5050	SMD RGB 5050	SMD RGB 5050	SMD RGB 5050
LED QTY	1pcs	3pcs	6pcs	12pcs
Input Voltage	5V DC	12V DC	24V DC	24V DC
Max Power	0.3W	0.72W	1.44W	2.88W
Protocol	SPI Digital Control (WS2811, WS2811, SM16703, UC1903 IC,etc)			
Control Mode	Artnet / DVI / Standalone SD Card control, etc			
Protection	IP65	IP65	IP65	IP65
Operating Temperature	-10°C~+45°C	-20°C~+50°C	-20°C~+50°C	-20°C~+50°C
Humidity Range	0 to 95% non-condensing			
Net Weight	0.0086kg	0.0125kg	0.1155kg	0.2386kg

Ø12mm, Ø15mm, 78mm, 35mm LED Module
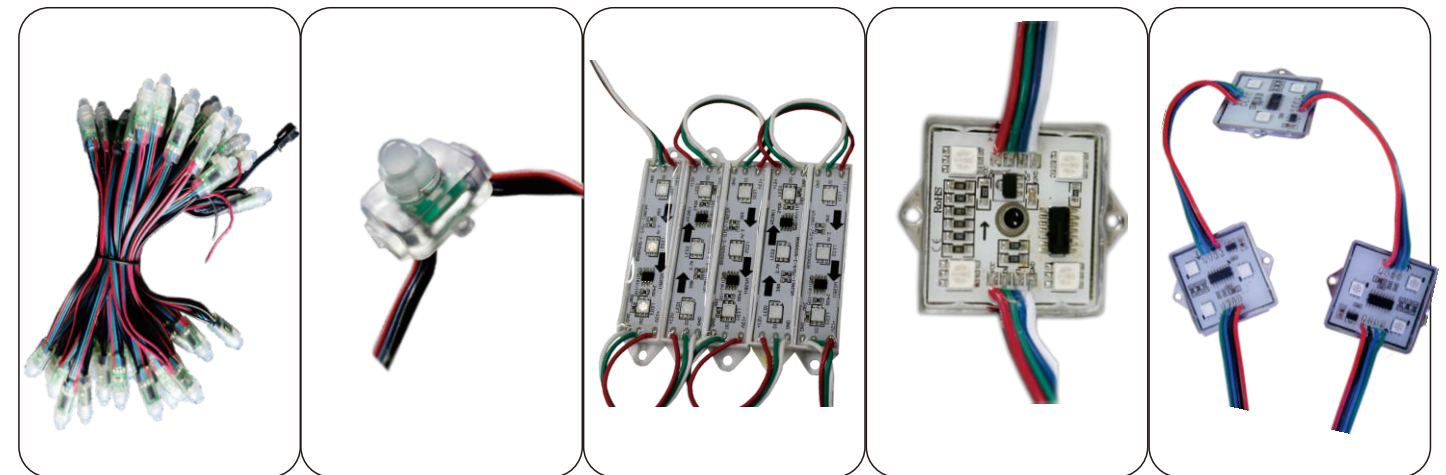
Features

 • LED module dot ø12mm, ø15mm and LED module rectangle 78mm, square 35mm which use for
   background lighting and decoration lighting a lot.
 • LED Pixel space customized 50mm-1500mm.
 • High brightness DIP led for LED module dot.
 • WS2801, WS2811, SM16716, UC1903 IC, or other LED IC driver can be used for the LED module.
 • Easy to install, and fast get through input and output connector.
 • Protection: IP 65.
 • Application: entertainment led lighting or architecture led lighting installation.

Parameters

Model	LED-PL12SPI0101	LED-PL15SPI0101	LED-PL7878SPI0301	LED-PL3636SPI0401
Product Name	12mm SPI LED Module	15mm SPI LED Module	78mm Rectangle LED Module	35mm Square LED Module
Diameter	ø12mm	ø15mm	78*18mm	35*35mm
Housing material	Silicon base	Silicon base	PC base	Metal base
Emitting Angle	120 degree	120 degree	120 degree	120 degree
LED Type	ø5 RGB in one	ø5 RGB in one	SMD RGB 5050	SMD RGB 5050
LED QTY	1pc	1pc	3pcs	4pcs
Input Voltage	12V DC	5V DC	12V DC	12V DC
Max Power	0.3W	0.3W	0.72W	1.44W
Protocol	SPI Digital Control (WS2811, WS2811, SM16703, UC1903 IC,etc)			
Control Mode	Artnet / DVI / Standalone SD Card control, etc			
Protection	IP65	IP65	IP65	IP65
Operating Temperature	-10°C~+45°C	-20°C~+50°C	-20°C~+50°C	-20°C~+50°C
Humidity Range	0 to 95% non-condensing			
Net Weight	0.0068kg	0.0072kg	0.0178kg	0.0227kg

LED Dot Light

LED Linear Light
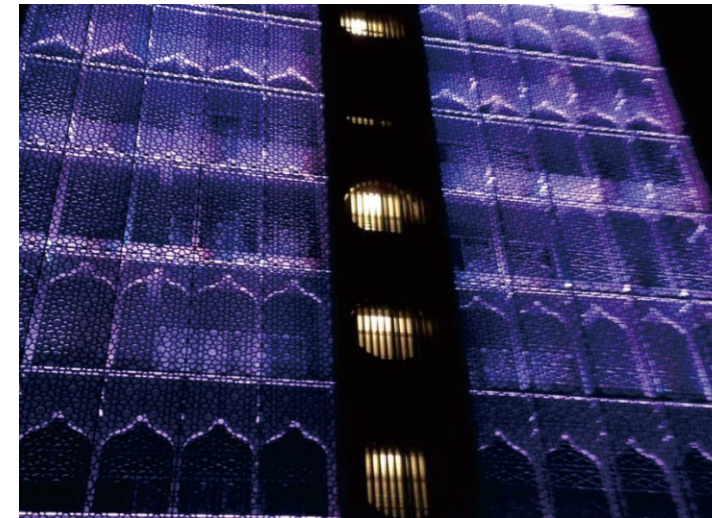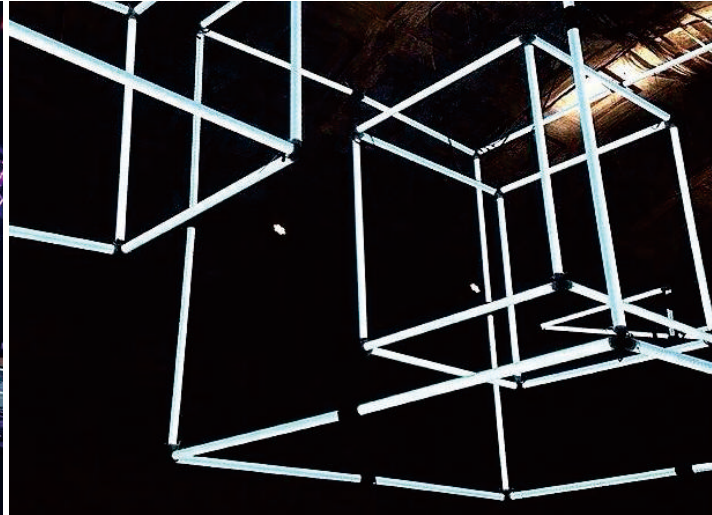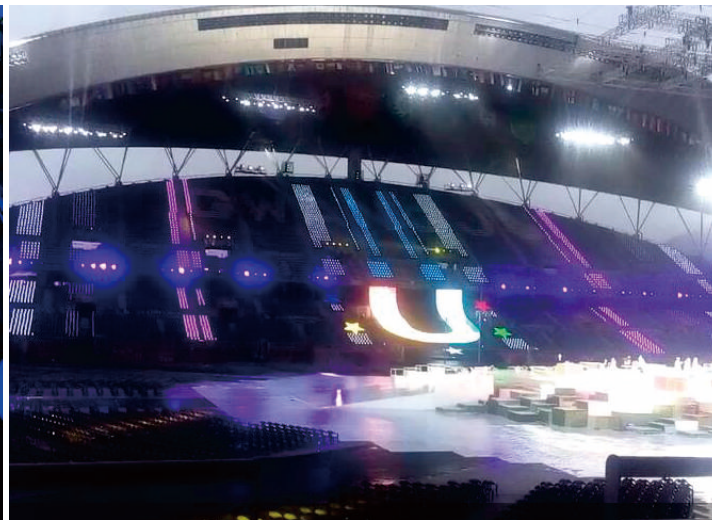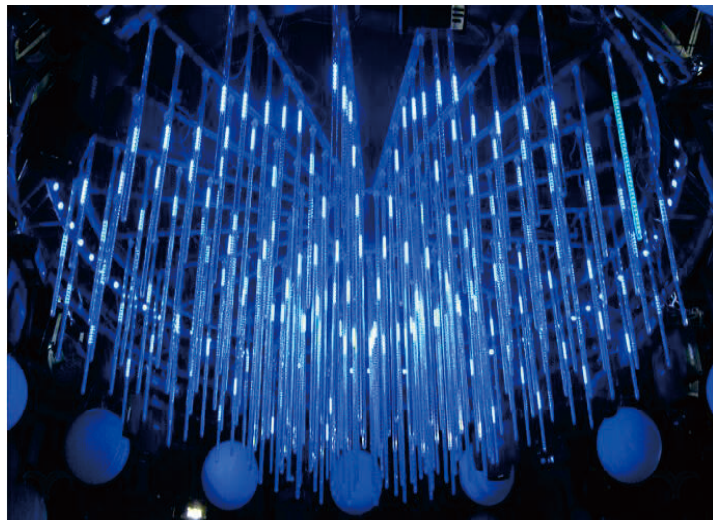
ISEE LED

ISEE LED

Ø2cm, Ø3cm, Ø5cm, Ø10cmm, 3D DMX LED Tube

Ø30mm, Ø35mm, Ø50mm, DMX LED linear tube

Features

- ISEELED Tech provide ø20mm, ø30mm, ø50mm, ø100mm 3D LED tube.
- ø20mm, ø50mm, ø100mm 3D tube for indoor only, and ø30mm 3D tube suitable for indoor & outdoor.
- High Brightness SMD RGB 5050 led and long service life at least 50,000 hours .
- Standard DMX 512 control, 44 frames/second, manual or auto-addressing.
- Easy to install, and fast get through input and output connector.
- Protection: IP54 / IP65.
- Application: entertainment led lighting or architecture led lighting installation.

Features

- ø30mm,ø35mm, ø50mm, the slim and bigger size DMX LED tube put on different cover which get different lighting effects to meet different project requirements.
- LED tube length customized 0.25M-2M, 0.5/1/1.5M is the standard length.
- High Brightness SMD RGB 5050 led and long service life at least 50,000 hours.
- Standard DMX 512 control, 44 frames/second, manual or auto-addressing.
- Easy to install, and fast get through input and output connector.
- Protection: IP42 / Ip65.
- Application: entertainment led lighting or architecture led lighting installation

Parameters

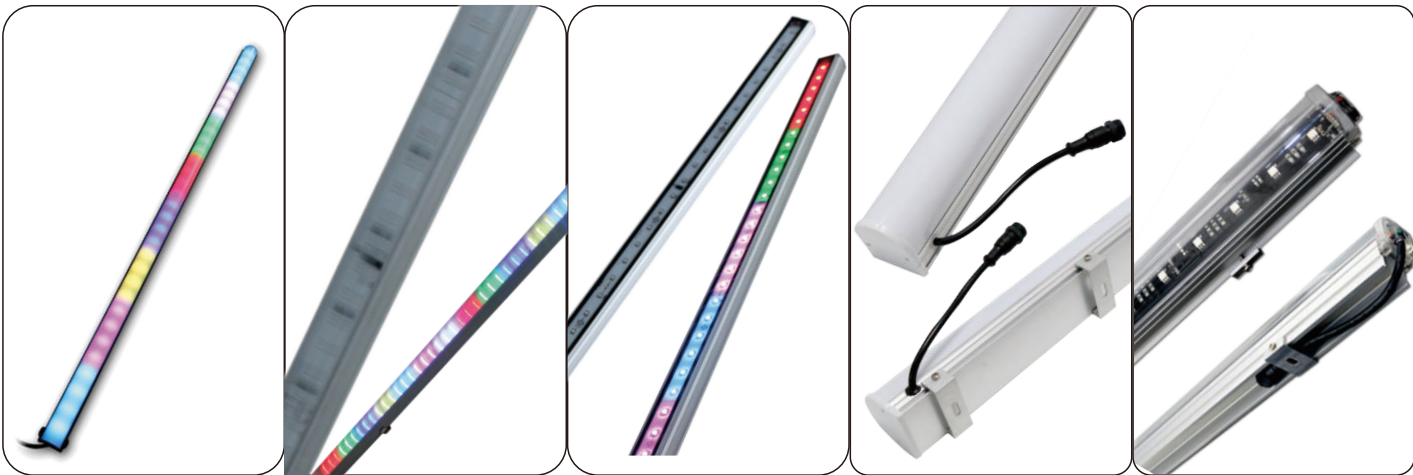| Model	LED-3DT30DMX6416	LED-3DT20DMX6146	LED-3DT50DMX6416	LED-3DT100DMX9616
Product Name	30mm DMX 3D LED Tube	20mm DMX 3D LED Tube	50mm DMX 3D LED Tube	100mm DMX 3D LED tube (Obright Shadowless Tube)
Dimension	ø30mm*L1000mm	ø20mm*L1000mm	ø50mm*L1000mm	ø100mm*L1000mm
Housing color&material	Clear PC	Clear PC	Milky PC	Milky PC
LED Type	SMD RGB 5050	SMD RGB 5050	SMD RGB 5050	SMD RGB 5050
LED QTY	64 LEDs/Meter	64 LEDs/Meter	64 LEDs/Meter	96 LEDs/Meter
LED Pixel	16 Pixels/Meter	16 Pixels/Meter	16 Pixels/Meter	16 Pixels/Meter
Input Voltage	15V DC	15V DC	15V DC	12V DC
Max Power	15W	15W	15W	15W
Protocol	DMX 512 Manual/ Auto addressing			
Control Mode	DMX Artnet/ DMX DVI/Standalone SD Card control/DMX console, etc			
Protection	IP65/IP42	IP42	IP42	IP42
Operating Temperature	-20°C~+50°C	-20°C~+50°C	-20°C~+50°C	-20°C~+50°C
Humidity Range	0 to 95% non-condensing			
Gross Weight	0.41kg	0.31kg	1.2kg	2.05kg
Note	0.5M/1M/1.5M/2M available	0.5M/1M/1.5M availabe	0.5M/1M available	0.5M/1M available

Parameters

Model	LED-LT3550DMX4816	LED-LT5050DMX4816	LED-LT5050DMX3216	LED-LT3035DMX3216
Product Name	35mm DMX LED Tube	50mm DMX LED Tube	50mm DMX LED Tube	30mm DMX LED Tube
Dimension	ø35*50*L1000mm	ø60*60*L1000mm	ø60*60*L1000mm	ø30*35*L1000mm
Housing color&material	Linear/Milky PC	Milky PC	Milky PC	Linear/Clear PC
LED Type	SMD RGB 5050	SMD RGB 5050	SMD RGB 5050	SMD RGB 5050
LED QTY	48 LEDs/Meter	48 LEDs/Meter	32 LEDs/Meter	32 LEDs/Meter
LED Pixel	16 Pixels/Meter	16 Pixels/Meter	16 Pixels/Meter	16 Pixels/Meter
Input Voltage	12V DC	12V DC	12V DC	12V DC
Max Power	12W	12W	12W	12W
Protocol	DMX 512 Manual/ Auto addressing			
Control Mode	DMX Artnet/ DMX DVI/Standalone SD Card control/DMX console, etc			
Protection	IP65/IP42	IP65/IP42	IP65/IP42	IP42
Operating Temperature	-20°C~+50°C	-20°C~+50°C	-20°C~+50°C	-20°C~+50°C
Humidity Range	0 to 95% non-condensing			
Gross Weight	0.9kg	1.35kg	1.35kg	0.95kg
Note	0.5M/1M/1.5M available	0.5M/1M/1.5M/2M available	0.5M/1M/1.5M/2M available	0.5M/1M available

LED Linear Light

# 2725, 2735, 2750 type DMX LED Bar Linear Light

Features

• ISEELED Tech provide 2725 clear cover, 2735 clear/milky cover and 2737 mirror type, 2750 silicon tube type DMX LED Bar.
• The DMX LED Bar suitable for indoor & outdoor.
• High Brightness SMD RGB 5050 led and long service life at least 50,000 hours .
• Standard DMX 512 control, 44 frames/second, manual or auto-addressing.
• Easy to install, and fast get through input and output connector.
• Protection: IP54 / IP65.
• Application: entertainment led lighting or architecture led lighting installation.

Parameters

Model	LED-LB2725DMX4816	LED-LB2735DMX4242	LED-LB2737DMX9616	LED-LB2750DMX4816
Product Name	2725 DMX LED Bar	2735 Dome DMX LED Bar	2737 Mirror DMX LED Bar	2750 Silicon DMX LED Bar
Dimension	W27*H25*L1000mm	W27*H35*L1000mm	W27*H37*L1000mm	W27*H50*L1000mm
Housing color&material	Clear/Milky/Frosted Arylic	Clear Arylic/Milky PC	Mirror Arylic	Thick Silicon Tube
LED Type	SMD RGB 5050	SMD RGB 5050	SMD RGB 5050	SMD RGB 5050
LED QTY	48 LEDs/Meter	42 LEDs/Meter	96 LEDs/Meter	48 LEDs/Meter
LED Pixel	16 Pixels/Meter	42 Pixels/Meter	16 Pixels/Meter	16 Pixels/Meter
Input Voltage	12V DC	12-24V DC	24V DC	12V DC
Max Power	12W	13W	18W	12W
Protocol	DMX 512 Manual/ Auto addressing			
Control Mode	DMX Artnet/ DMX DVI/Standalone SD Card control/DMX console, etc			
Protection	IP65/IP42	IP42	IP42	IP42
Operating Temperature	-20°C~+50°C	-20°C~+50°C	-20°C~+50°C	-20°C~+50°C
Humidity Range	0 to 95% non-condensing			
Gross Weight	0.79kg	0.9kg	0.85kg	1.5kg
Note	0.5M/1M/1.5M/2M available	0.5M/1M/1.5M availabe	0.5M/1M available	0.5M/1M available

Magic LED Light + 3D LED Tube, LED Bar, LED Tube
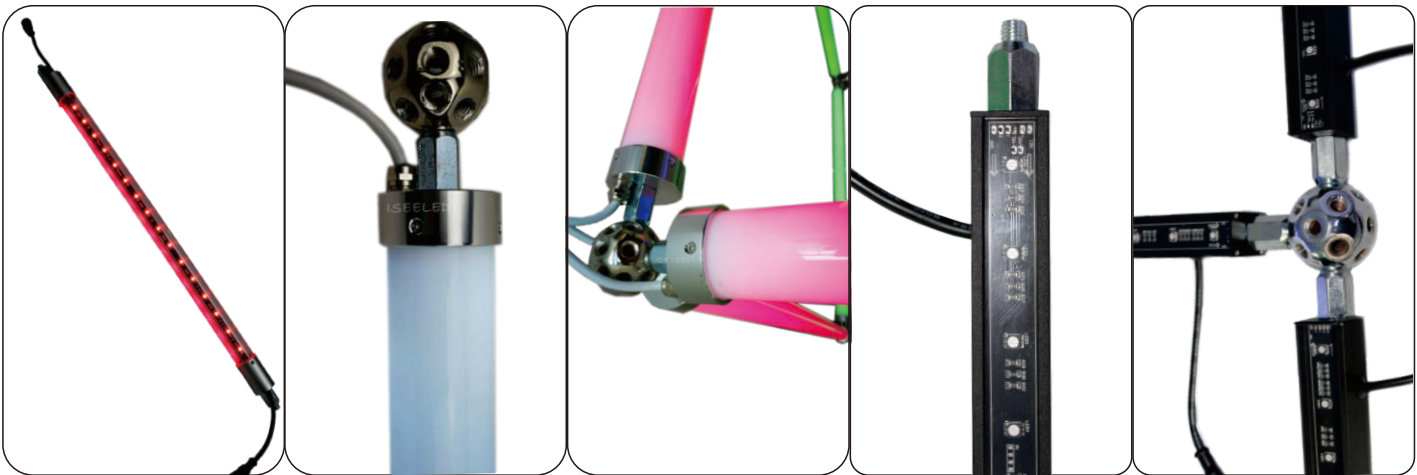
Features

• ISEELED Tech product line for magic led linear light including magic 3D LED tube, magic led bar, magic led tube, which control in DMX mode or SPI mode.
• Magic LED linear light length customized 0.5M, 1M, 1.5M.
• High Brightness SMD RGB 5050 led and long service life at least 50,000 hours .
• Standard DMX 512 control, 44 frames/second, manual / auto-addressing or SPI for special product design.
• Easy to install with aluminum ball, and fast get through input and output connector.
• Protection: IP65
• Application: entertainment led lighting or architecture led lighting installation

Parameters

Model	LED-MT30DMX6416	LED-MT30SPI6416	LED-MT50DMX6408	LED-MB2735DMX3216
Product Name	30mm DMX Magic 3D LED Tube	30mm SPI Magic 3D LED Tube	50mm DMX Magic 3D LED Tube	30mm DMX LED Tube
Dimension	ø30*L1000mm	ø30*L1000mm	ø50*L800mm	W27*H35*L1000mm
Housing color&material	Clear PC	ClearPC	Milky PC	Linear/Clear PC
LED Type	SMD RGB 5050	SMD RGB 5050	SMD RGB 5050	SMD RGB 5050
LED QTY	64 LEDs/Meter	64 LEDs/Meter	64 LEDs/Meter	32 LEDs/Meter
LED Pixel	16 Pixels/Meter	16 Pixels/Meter	8 Pixels/Meter	16 Pixels/Meter
Input Voltage	15V DC	15V DC	15V DC	12V DC
Max Power	15W	15W	14.4W	12W
Protocol	DMX 512	SPI	DMX 512	DMX512
Control Mode	Artnet / DVI / Standalone SD Card control / DMX console, etc			
Protection	IP65/IP42	IP65/IP42	IP42	IP65/IP42
Operating Temperature	-20°C~+50°C	-20°C~+50°C	-20°C~+50°C	-20°C~+50°C
Humidity Range	0 to 95% non-condensing			
Gross Weight	0.8kg	0.8kg	1.8kg	1.3kg
Note	0.5M/1M/1.5M available	0.5M/1M/1.5M available	0.4M/0.8M/1.2M available	0.5M/1M available

LED Linear Light

# 3216, 4816, 3010, 3030 type DMX LED Strip

Features

• ISEELED Tech provide 32 leds 16 pixels, 48 leds 16 pixels, 30 leds 10 pixels and 30 leds 30 pixels DMX led strip light to the market.
• The DMX LED strip with silicon drop glue which suitable for indoor & outdoor installation.
• The DMX LED strip only can cut by meters, not by pixels.
• High Brightness SMD RGB 5050 led and long service life at least 50,000 hours .
• Standard DMX 512 control, 44 frames/second, manual or auto-addressing.
• Easy to install, and fast get through input and output connector.
• Protection:IP 65.
• Application: entertainment led lighting or architecture led lighting installation.

Parameters

Model	LED-FS5000 DMX3216A/M	LED-FS5000 DMX4816A/M	LED-FS5000 DNX3010A/M	LED-FS5000 DMX3030A/M
Product Name	3216 DMX LED Strip	4816 DMX LED Strip	3010 DMX LED Strip	3030 DMX LED Strip
PCB Dimension	W12*L5000mm	W12*L5000mm	W12*L5000mm	W12*L5000mm
LED Type	SMD RGB 5050	SMD RGB 5050	SMD RGB 5050	SMD RGB 5050
LED QTY	32 LEDs/Meter	48 LEDs/Meter	30 LEDs/Meter	30 LEDs/Meter
Pixel Qty	16 Pixels/Meter	16 Pixels/Meter	10 Pixels/Meter	30 Pixles/Meter
Input Voltage	12V DC	12V DC	12V DC	7.5V DC
Max Power	12W	12W	8W	14W
Protocol	DMX 512 Manual/ Auto addressing			
Control Mode	DMX Artnet/ DMX DVI/Standalone SD Card control/DMX console, etc			
Protection	IP65 with silicon tube + silicon glue			
Operating Temperature	-20°C~+50°C	-20°C~+50°C	-20°C~+50°C	-20°C~+50°C
Humidity Range	0 to 95% non-condensing			
Gross Weight	0.55kg	0.6kg	0.55kg	0.55kg

3 led a pixel, 1 led a pixel SPI LED Strip
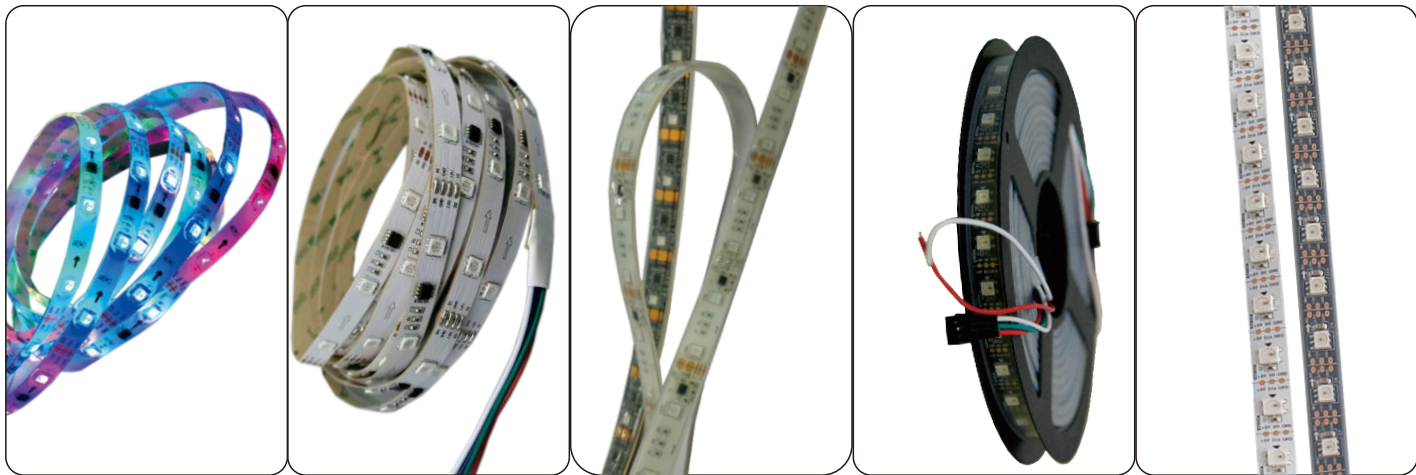
Features

• Comparing with DMX LED srip, SPI LED strip more economic, faster producing, easy wiring, which widely acceptable by the market nowadays.
• SPI LED strip can cut in pixels, ISEELED Tech provide 3 led a pixel and 1 led a pixel SPI LED strip light.
• High Brightness SMD RGB 5050 led and long service life at least 50,000 hours.
• Dual-signal and single-signal with different IC solution to meet the different needs.
• Easy to install indoor & outdoor, and fast get through input and output connector.
• Protection: IP20/IP42/IP65/IP67 available
• Application: entertainment led lighting or architecture led lighting installation

Parameters

Model	LED-FS5000 SPI3010	LED-FS5000 SPI4816	LED-FS5000 SPI6020	LED-FS5000 SPI3030	LED-FS5000 SPI6060
Product Name	3010 SPI LED Strip	4816 SPI LED Strip	6020 SPI LED Strip	3030 SPI LED Strip	6060 SPI LED Strip
PCB Dimension	W10*L5000mm	W10*L5000mm	W10*L5000mm	W10*L5000mm	W10*L5000mm
LED Type	SMD RGB 5050	SMD RGB 5050	SMD RGB 5050	SMD RGB 5050	SMD RGB 5050
LED QTY	30 LEDs/Meter	48 LEDs/Meter	60 LEDs/Meter	30 LEDs/Meter	60 LEDs/Meter
Pixel Qty	10 Pixels/Meter	16 Pixels/Meter	20 Pixels/Meter	30 Pixels/Meter	60 Pixels/Meter
Input Voltage	12V DC	12V DC	12V DC	5V DC	5V DC
Max Power	7.2W	12W	14.4W	9W	18W
IC Driver	External IC	External IC	External IC	Built-in IC	Built-in IC
Control Mode	SPI dual-signal / SPI single-signal				
Protection	IP20/IP42/IP65/IP67				
Operating Temperature	-20°C~+50°C	-20°C~+50°C	-20°C~+50°C	-20°C~+50°C	-20°C~+50°C
Humidity Range	0 to 95% non-condensing				
PCB Color	White/Black	White/Black	White/Black	White/Black	White/Black

LED Linear Light

Single color, RGB, RGBW, WW LED Strip Light

Features

- ISEELED Tech provide signal color LED strip, RGB LED strip and RGBW led strip to the market.
- High Brightness SMD RGB 5050 led and long service life at least 50,000 hours .
- Apply with RGB control or DMX LED control system
- Protection: IP20/IP42/IP65/IP67 available
- Application: entertainment led lighting or architecture led lighting installation.

Parameters

Model	LED-5050-30 RGB-12	LED-5050-60 RGB-12/24	LED-5050-60 RGBW-12/24	LED-5050-30W 30RGB-12/24	LED-5050-60W 60RGB-12
Product Name	30 RGB LED Strip	60 RGB LED Strip	60 RGBW LED Strip	3030 RGBW LED Strip	120 RGBW LED Strip
PCB Dimension	W10*L5000mm	W10*L5000mm	W12*L5000mm	W10*L5000mm	W15*L5000mm
LED Type &QTY (Meter)	30 pcsSMD6 RGB 5050	60 pcs SMD RGB 5050	60 pcs SMD RGBW 5050	30 pcs SMD white 5050 30 pcs SMD RGB 5050	60 pcs SMD white 5050 60 pcs SMD RGB 5050
Input Voltage	12V DC	12V DC	12/24V DC	5V DC	12V DC
Max Power	7.2W	12W	14.4W	9W	28.8W
Driver Mode	Constant Voltage, common Anode				
Protection	IP20/IP42/IP65/IP67				
Operating Temperature	-20°C~+50°C	-20°C~+50°C	-20°C~+50°C	-20°C~+50°C	-20°C~+50°C
Humidity Range	0 to 95% non-condensing				
PCB Color	White/Black	White/Black	White/Black	White/Black	White/Black

# High Power Stage Wall Washer Light

Features

- ISEELED Tech adopt 3W RGB in one, 10W RGBW in one, 30W RGBW in one for stage LED wall washer.
- LED Lens is customized of the wall washer
- Standard DMX 512 control, 44 frames/second, manual or auto-addressing
- DMX channel is adjustable.
- Easy to install, and fast get through input and output connector.
- Protection: IP65 / IP68
- Application: entertainment led lighting or architecture led lighting installation

Parameters

Model	LED-WW8888-110V24X3	LED-WW93119-110V14X10	LED-WW93119-110V18X10
Product Name	72W RGB DMX LED Wall Washer	140W RGBW DMX LED Wall Washer	180W RGBW DMX LED Wall Washer
Dimension	W88*H88*L1000mm	W93*H119*L1000mm	W93*H119*L1000mm
Housing color&material	Silver/white/black aluminum housing+ tempered glass diffuser		
LED Type	3W RGB	10W RGBW	10W RGBW
LED QTY	24 LEDs/Meter	14 LEDs/Meter	18 LEDs/Meter
Lens	15°, 25°, 30°, 45°	16°, 25°, 55°	16°, 25°, 55°
Input Voltage	AC110-240V 50Hz-60Hz	AC110-240V 50Hz-60Hz	AC110-240V 50Hz-60Hz
Max Power	72W	140W	180W
DMX Channels	3/7CH	2/3/5/8/42/44 CH	2/3/5/8/42/44 CH
Protocol	DMX 512 Manual addressing		
Control Mode	DMX Artnet / Master & Slave / Standalone SD Card control / DMX console, etc		
Protection	IP65	IP65/IP68	IP65/IP68
Operating Temperature	-20°C~+50°C	-20°C~+50°C	-20°C~+50°C
Humidity Range	0 to 95% non-condensing		
Gross Weight	4.3kg	7.5kg	7.5kg

LED Linear Light
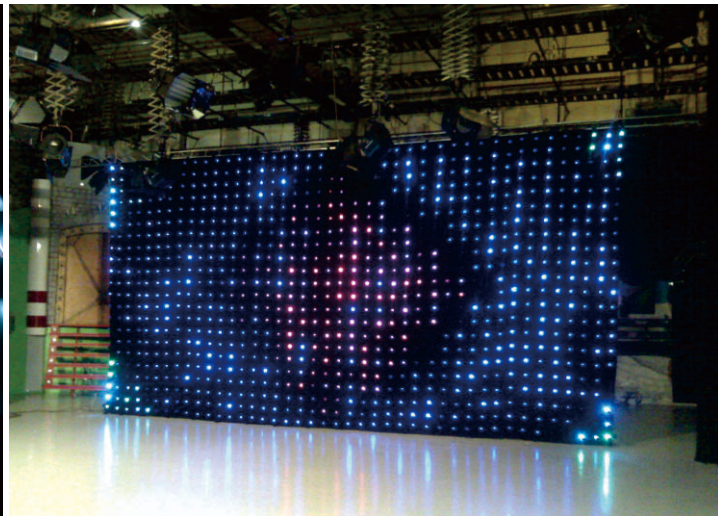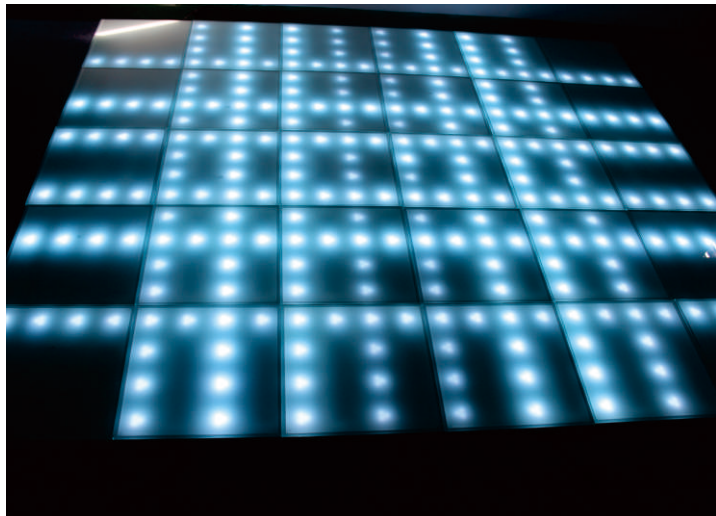
1 Pixel 1 Panel & 1 Pixel 1 LED Panel
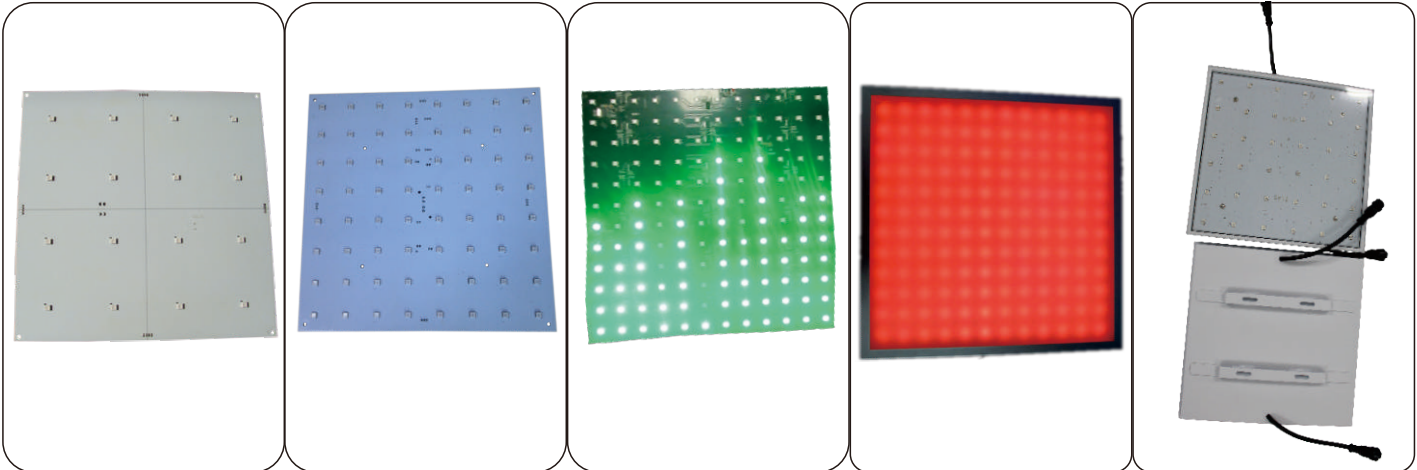
Parameters

Model	LED-P150150 DMX0901	LED-P150150 DMX3601	LED-P300300 DMX3601	LED-P150150 DMX3636	LED-P250250 DMX1616
Product Name	150mm DMX LED Panel	150mmDMX LED Panel	300mm DMX LED Panel	150mm DMX LED Panel	250mm DMX LED Panel
PCB Dimension	L150*W150mm	L150*W150mm	L300*W300mm	L150*W150mm	L250*W250mm
LED Type	SMD RGB 5050	SMD RGB 5050	SMD RGB 5050	SMD RGB 5050	SMD RGB 5050
LED QTY	9 LEDs/Panel	36 LEDs/Panel	36 LEDs/Panel	36 LEDs/Panel	16 LEDs/Panel
Pixel Qty	1 Pixels/Panel	1 Pixels/Panel	1 Pixels/Panel	36 Pixels/Panel	16 Pixels/Panel
Input Voltage	24V DC	12V DC	24V DC	12-24V DC	12-24V DC
Max Power	3W	10W	9W	11W	4W
IC Driver	DMX 512	DMX 512	DMX 512	DMX 512	DMX 512
Control Mode	DMX Artnet/ DMX DVI/Standalone SD Card control/DMX console, etc				
Protection	IP20				

Model	LED-P250250 DMX6464	LED-P300300 DMX3636	LED-P300300 DMX144144	LED-HP500500 SPI169169	LED-HP600600 DMX144144
Product Name	250mm DMX LED Panel	300mm DMX LED Panel	300mm DMX LED Panel	500mm DMX LED Panel	600mm DMX LED Panel
PCB Dimension	L250*W250mm	L300*W300mm	L300*W300mm	L150*W150mm	L150*W150mm
LED Type	SMD RGB 5050	SMD RGB 5050	SMD RGB 5050	SMD RGB 5050	SMD RGB 5050
LED QTY	64 LEDs/Panel	36 LEDs/Panel	144 LEDs/Panel	169 LEDs/Panel	144 LEDs/Panel
Pixel Qty	64 Pixels/Panel	36 Pixels/Panel	144 Pixels/Panel	169 Pixels/Panel	144 Pixels/Panel
Input Voltage	12-24V DC	12-24V DC	12-24V DC	5V DC	12-24V DC
Max Power	20W	11W	43W	51W	43W
IC Driver	DMX 512	DMX 512	DMX 512	DMX 512	DMX 512
Control Mode	DMX Artnet/ DMX DVI/Standalone SD Card control/DMX console, etc				
Protection	IP20			IP20/IP40	IP20/IP40

LED Panel

500*500mm DMX LED Dance Floor
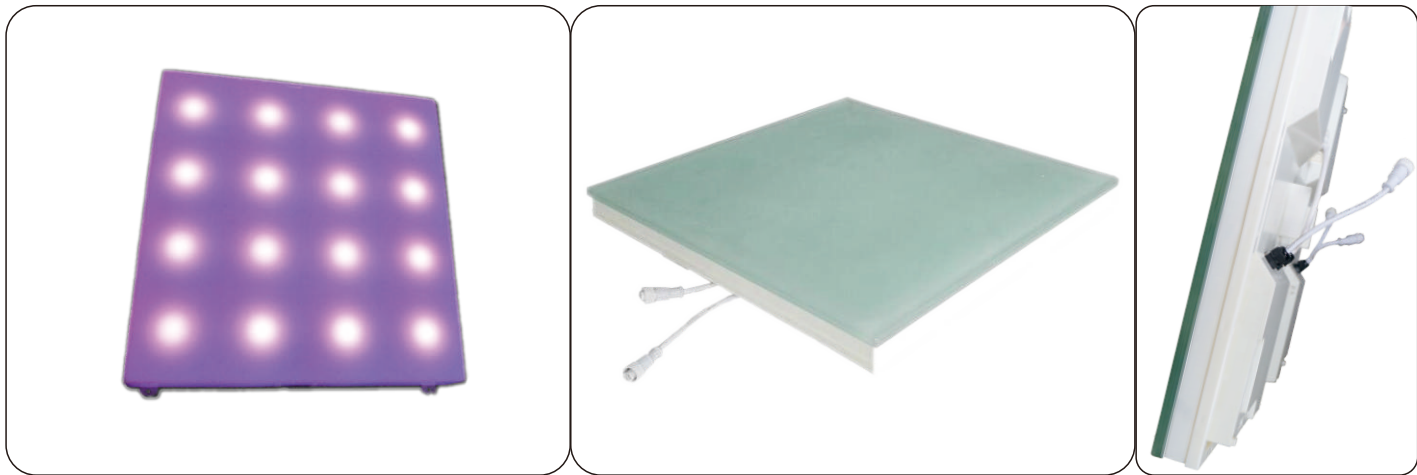
Features

- ISEELED Tech provide 500*500mm DMX LED dance floor.
- The dance floor 16 pixel type and 64 pixel type available.
- High Brightness SMD RGB 5050 led and long service life at least 50,000 hours .
- Standard DMX 512 control, 44 frames/second, manual or auto-addressing.
- Easy to install, and fast get through input and output connector.
- Protection: IP65.
- Application: entertainment led lighting installation.

Parameters

Model	LED-DF500DMX6464	LED-DF500DMX4816
Product Name	64 Dot Dance Floor	16 Dot Dance Floor
Dimension	L500*W500*H70mm	L500*W500*H70mm
Housing color&material	ABS base + Tempered Glass	ABS base + Tempered Glass
LED Type	SMD RGB 5050	SMD RGB 5050
LED QTY	64 LEDs/Floor	48 LEDs/Floor
LED Pixel	64 Pixels/Floor=192 DMX CH	16 Pixels/Floor=48 DMX CH
Input Voltage	12V DC	12V DC
Max Power	24W	12W
Protocol	DMX 512 Manual/ Auto addressing	
Control Mode	DMX Artnet/ DMX DVI/Standalone SD Card control/DMX console, etc	
Protection	IP62	IP62
Operating Temperature	-20°C~+50°C	-20°C~+50°C
Humidity Range	0 to 95% non-condensing	0 to 95% non-condensing
Gross Weight	10.55kg	10.52kg

# P40, P50, P100, P200 LED Stage Curtain Light
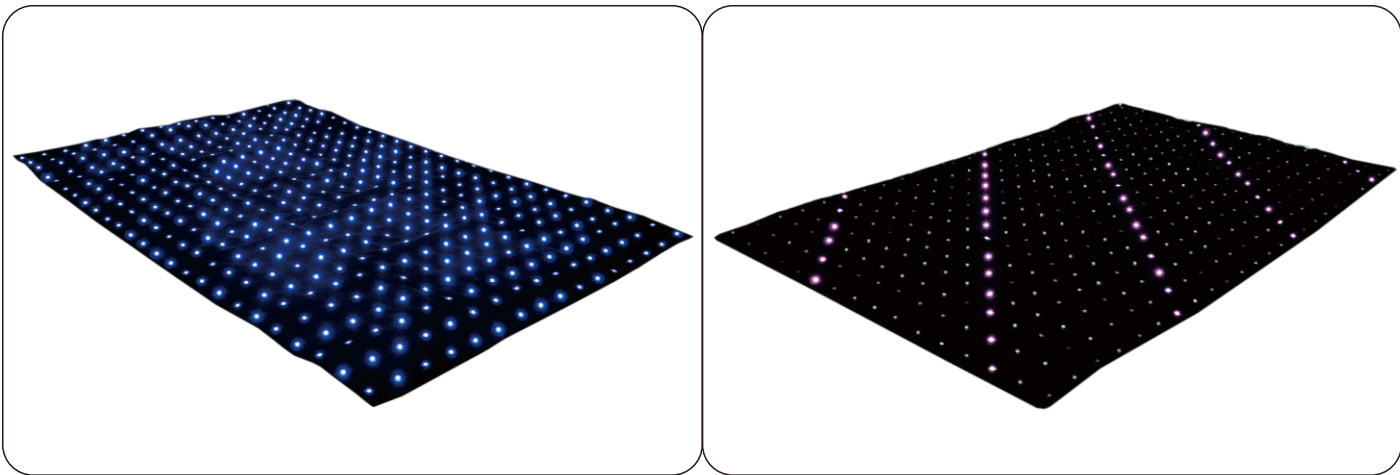
Features

- Pitch 40mm, 50mm, 100mm, 200mm standard LED stage curtain light is provided. And also provide customized services.
- Each curtain unit is 3*2m or with customized size.
- High Brightness F5 DIP RGB led and long service life at least 50,000 hours.
- Multiple control way provided to suitable for different control system .
- Easy to install, and fast get through input and output connector.
- Protection: IP44.
- Application: entertainment led lighting or architecture led lighting installation.

Parameters

Model	LED-CTP40-3X2B	LED-CTP50-3X2B	LED-CTP100-3X2B	LED-CTP200-6X4B
Product Name	P40 LED Curtain Light	P50 LED Curtain Light	P100 LED Curtain Light	P200 LED Curtain Light
Dimension	L3*W2m	L3*W2m	L3*W2m	L6*W4m
Pixel Density(set)	3750 pixels/set	2400 pixels/set	600 pixels/set	600 pixels/set
Pixel Density(m²)	625 pixels/m²	400 pixels/m²	100 pixels/m²	25 pixels/m²
LED Type	ø5mm DIP LED	ø5mm DIP LED	ø5mm DIP LED	ø5mm DIP LED
Max Power(set)	1500W/set	960W/set	240W/set	240W/set
Max Power(m²)	625W/m²	160W/m²	40W/m²	20W/m²
Input Voltage	AC85-265V	AC85-265V	AC85-265V	AC85-265V
Curtain Material	Black cloth, fire-proof, indoor use only			
Driver IC	SPI LPD1886 IC Driver			
Control Mode	Artnet/DVI/Standalone SD Card control/DMX console/Sound activation, etc			
Humidity Range	10 to 90% non-condensing			
Operating Temperature	-10°C~+40°C	-10°C~+40°C	-10°C~+40°C	-10°C~+40°C
Protection	IP44	IP44	IP44	IP44
Gross Weight	62kg/set	43kg/set	11kg/set	25kg/set
Note	A Type curtain is each line with input and output plug for series connection, B Type curtain is each led dot with connector easy to maintenance,			

LED Panel

Architecture Lighting
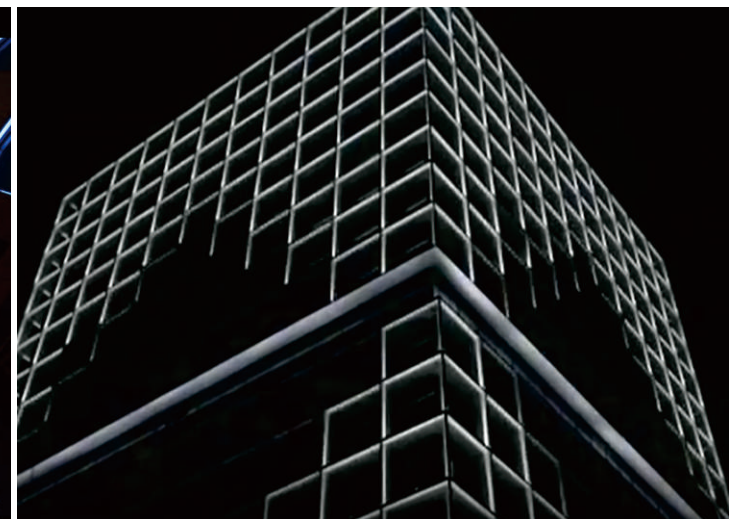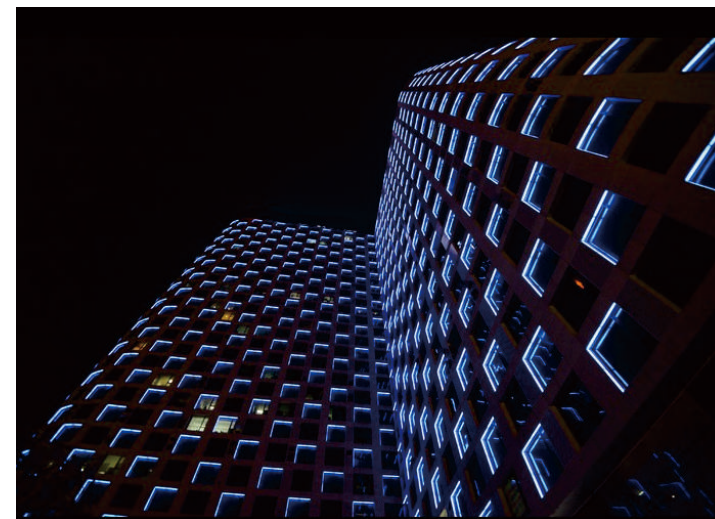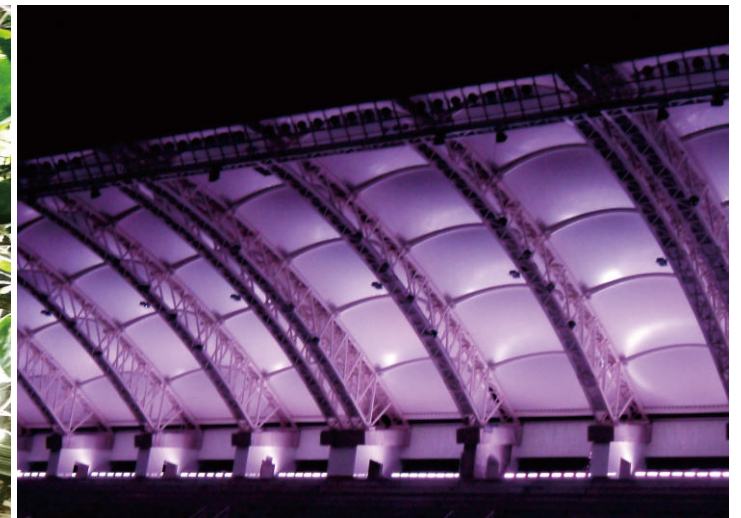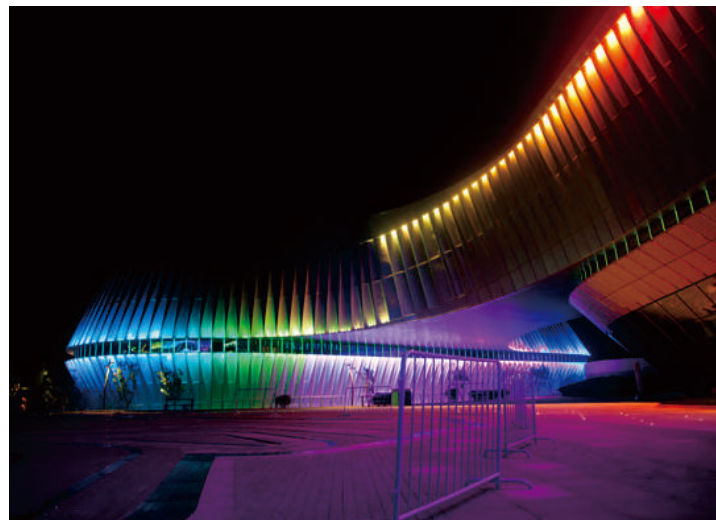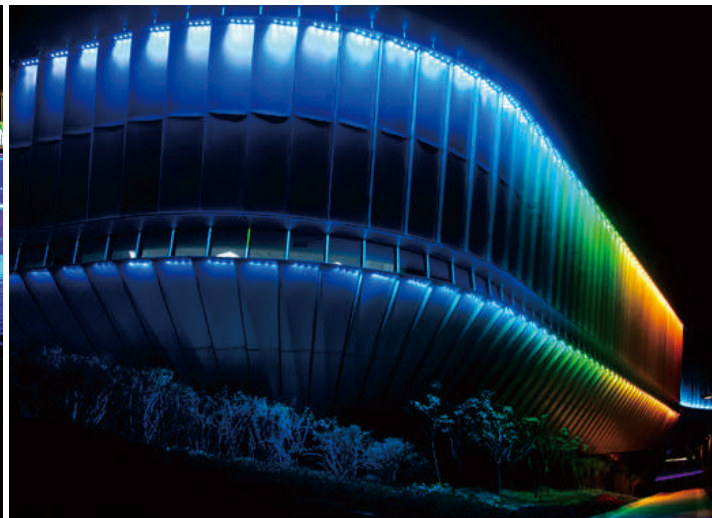
Single color, RGB, RGBW DMX LED Wall Washer

Features

• We provide different LED wall washer in slim size, bigger size, IP65, IP68 version, and different power output.

• Tight waterproof structure design of the LED Wall Washer.

• High Brightness 1W, 3W led and long service life at least 50,000 hours.

• Standard DMX 512 control, 44 frames/second, manual or auto-addressing.

• Detachable bracket for easy installation and adjustable the wall washer angle.

• Protection: IP65 / IP68.

• Application: entertainment led lighting or architecture led lighting installation.

Parameters

| Model	LED-WW5525-24V3601RGB	LED-WW6269-24V3601RGB	LED-WW8466-24V2401RGB	LED-WW7267-24V3601RGB
Product Name	5525 LED Wall Washer	6269 LED Wall Washer	8466 LED Wall Washer	7267 LED Wall Washer
Dimension	L1012*W55*H25mm	L1019*W62*W69mm	L1019*W84*H66mm	L1000*W72*H67mm
Housing color&material	Aluminum Base + Tempered Glass			Aluminum Base+PC Lens
LED Type	1W LED	1W LED	1-3W LED	1-3W LED
LED QTY	36 LEDs/Meter	36LEDs/Meter	24 LEDs/Meter	36 LEDs/Meter
LED Pixel	1 Pixel	1 Pixel	1 Pixel	1 Pixel
Working Voltage	24V DC	24V DC	24V DC	12-24V DC
Input Voltage	24V DC/ 85-240V AC			
Max Power	45W	45W	72W	45W
Protocol	DMX 512 Manual/ Auto addressing			
Control Mode	DMX Artnet/ DMX DVI/Standalone SD Card control/DMX console, etc			
Protection	IP65	IP65	IP65	IP68
Operating Temperature	-40°C~+60°C	-40°C~+60°C	-40°C~+60°C	-40°C~+60°C
Humidity Range	0 to 95% non-condensing			
Gross Weight	2kg	4.5kg	5kg	5.82kg
Note	Optional on optic lens, 16°, 30°, 45°, 60°, 20*40°, 10*45°, 10*80°, 20*60° LED Color range RGB/RGBW/Red/Green/Blue/Amber/Pin/White/Warm white			

Rectangle, Round LED Flood Light

Features

• We provide rectangle and round led flood light to install different place.

• Flood Light can be single color, or RGB color as customized.

• High Brightness 1W, 3W led and long service life at least 50,000 hours.

• Standard DMX 512 control, 44 frames/second, manual or auto-addressing.

• Adjustable bracket for easy installation and adjustable the flood light angle.

• Protection: IP65.

• Application: entertainment led lighting or architecture led lighting installation

Parameters

Model	LED-FL430162DMX3601	LED-FL330145DMX3601	LED-FL570DMX14401	LED-FL203DMX1801
Product Name	36W Rectangle LED Flood Light	36W Rectangle LED Flood Light	144W LED Flood Light	18W Round LED FloodLight
Dimension	L430*W162*H101mm	L330*H145mm	L570*W262*H466mm	ø203*H360mm
Housing color&material	Stretched Aluminum	Die-casting Aluminum	Stretched Aluminum	Stretched Aluminum
LED Type	1W LED	1W LED	1-3W LED	1W LED
LED QTY	36 LEDs	36 LEDs	72 LEDs/Meter	18 LEDs
LED Pixel	1Pixel	1 Pixel	1 Pixel	1 Pixel
Working Voltage	24V DC	24V DC	24V DC	24V DC
Input Voltage	24V DC/ 85-240V AC			
Max Power	45W	45W	144W	24W
Protocol	DMX 512 Manual/ Auto addressing			
Control Mode	DMX Artnet/ DMX DVI/Standalone SD Card control/DMX console, etc			
Protection	IP65	IP65	IP65	IP65
Operating Temperature	-20°C~+50°C	-20°C~+50°C	-20°C~+50°C	-20°C~+50°C
Humidity Range	0 to 95% non-condensing			
Gross Weight	0.9kg	4kg	1.35kg	3.25kg
Note	Optional on optic lens, 8°, 16°, 25°, 30°, 45°, 60° LED Color range RGB/RGBW/Red/Green/Blue/Amber/Pin/White/Warm white			

Architecture Lighting

DMX RGB color COB LED Flood Light
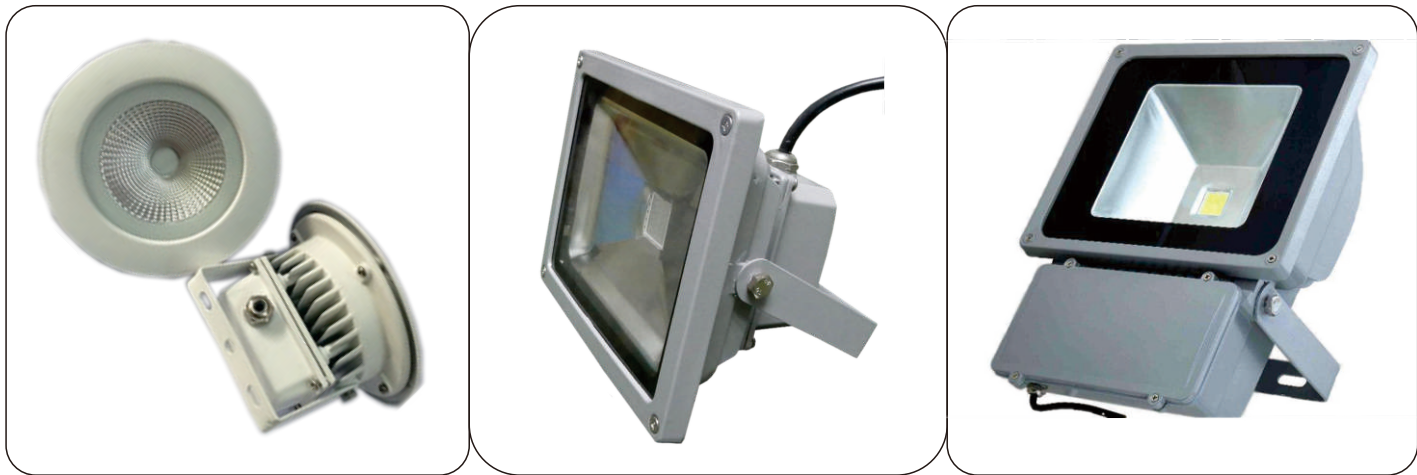
Features

• ISEELED Tech provide COB type 10-15W, 30W, 45W RGB DMX LED flood light

• COB LED use less led to get same light output comparing with the 1-3W high power led

• COB RGB LED get at least 20,000 hours service life.

• Standard DMX 512 control, 44 frames/second, manual or auto-addressing.

• Easy to install, and fast get through input and output connector.

• Protection: IP65.

• Application: entertainment led lighting or architecture led lighting installation.

Parameters

Model	LED-FL146DMX0101	LED-FL225183DMX0101	LED-FL290240DMX0101
Product Name	10W COB DMX LED Flood Light	30W COB DMX LED Flood Light	45W COB DMX LED Flood Light
PCB Dimension	ø146*H95mm	L225*W183*H125mm	L290*W240*H150mm
LED Type	10-15W LED	30W COB RGB LED	45W RGB COB LED
LED QTY	1 LED	1 LED	1LED
Pixel Qty	1 Pixel=3 DMX CH	1Pixel = 3 DMX CH	1 Pixel = 3 DMX CH
Working Voltage	24V DC	24V DC	24V DC
Input Voltage	24V DC	24V DC/ 85-240V AC	24V DC/ 85-240V AC
Max Power	10W	30W	45W
Project Distance	>3M	>5M	>8M
Beam Angle	45°	120°	120°
Protocol	DMX 512 Manual/ Auto addressing		
Control Mode	DMX Artnet/ DMX DVI/Standalone SD Card control/DMX console, etc		
Protection	IP65		
Operating Temperature	-20°C~+50°C	-20°C~+50°C	-20°C~+50°C
Humidity Range	0 to 95% non-condensing		
Gross Weight	1.5kg	1.5kg	2.6kg

LED Window Light

Features

• ISEELED Tech product line RGB LED window light and single color LED window light to the market.

• Specific light beam make the led window light good performance in shining the window.

• High Brightness 1-3W Cree LED to get a pure light and the led long service life at least 50,000 hours.

• Standard DMX 512 control, 44 frames/second, auto-addressing for series connection.

• Easy to install, and fast get through input and output connector.

• Protection: IP67.

• Application: architecture led lighting installation.

Parameters

Model	LED-WL47113DMXRGB0601	LED-WL47113DMXS0601	LED-WL102102DMXRGB0301
Product Name	RGB Window LED Light	Mono Color Window LED Light	L shape RGB Window LED Light
Dimension	L200*W47*H113mm	L200*W47*H113mm	L102*W47*H102mm
Housing color&material	Aluminum in Gray	Aluminum in Gray	Aluminum in Gray
LED Type	1-3W Cree LED	1-3W Cree LED	1-3W Cree LED
LED QTY	6 LEDs	6 LEDs	3 LEDs
LED Pixel	1 Pixel = 3 DMX CH	1 Pixel = 1 DMX CH	1 Pixel = 3 DMX CH
Input Voltage	12V24V DC	12V/24 DC	12V/24 DC
Max Power	12W	12W	6W
Protocol	DMX 512	DMX 512	DMX 512
Control Mode	Artnet / DVI / Standalone SD Card control / DMX console, etc		
Protection	IP67	IP67	IP67
Operating Temperature	-40°C~+60°C	-40°C~+60°C	-40°C~+60°C
Humidity Range	0 to 95% non-condensing	0 to 95% non-condensing	0 to 95% non-condensing
Gross Weight	1.5kg	1.5kg	0.9kg

Architecture Lighting

12W,18W, 24W DMX LED Underwater Light

High Power Underground LED Light

Features

- We provide round dmx led underwater light in 12W, 18W, 24W, small ring and bigger ring.
- Standard hole to match perfectly with the fountain valve.
- High Brightness 1W, 3W led and long service life at least 50,000 hours.
- Standard DMX 512 control, 44 frames/second, manual or auto-addressing.
- Detachable bracket for easy installation and adjustable the wall washer angle.
- Protection: IP68.
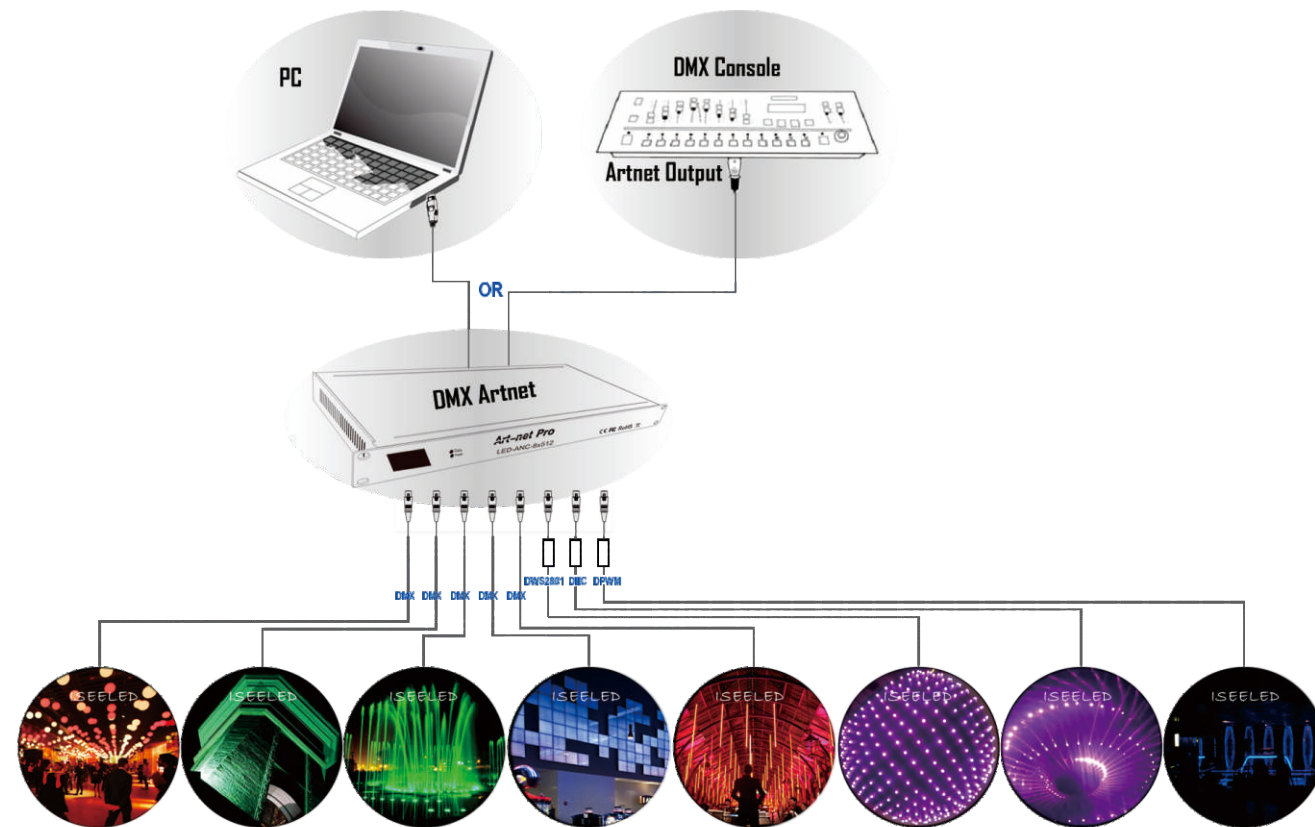- Application: architecture led lighting installation for fountain light and pool light.

Features

- We provide customized service in high power DMX LED underground light.
- Round dot type and long strip LED underground light is available.
- High Brightness 1W, 3W led and long service life at least 50,000 hours.
- Standard DMX 512 control, 44 frames/second, manual or auto-addressing.
- Easy to install and fast get through input and output connector.
- Protection: IP68.
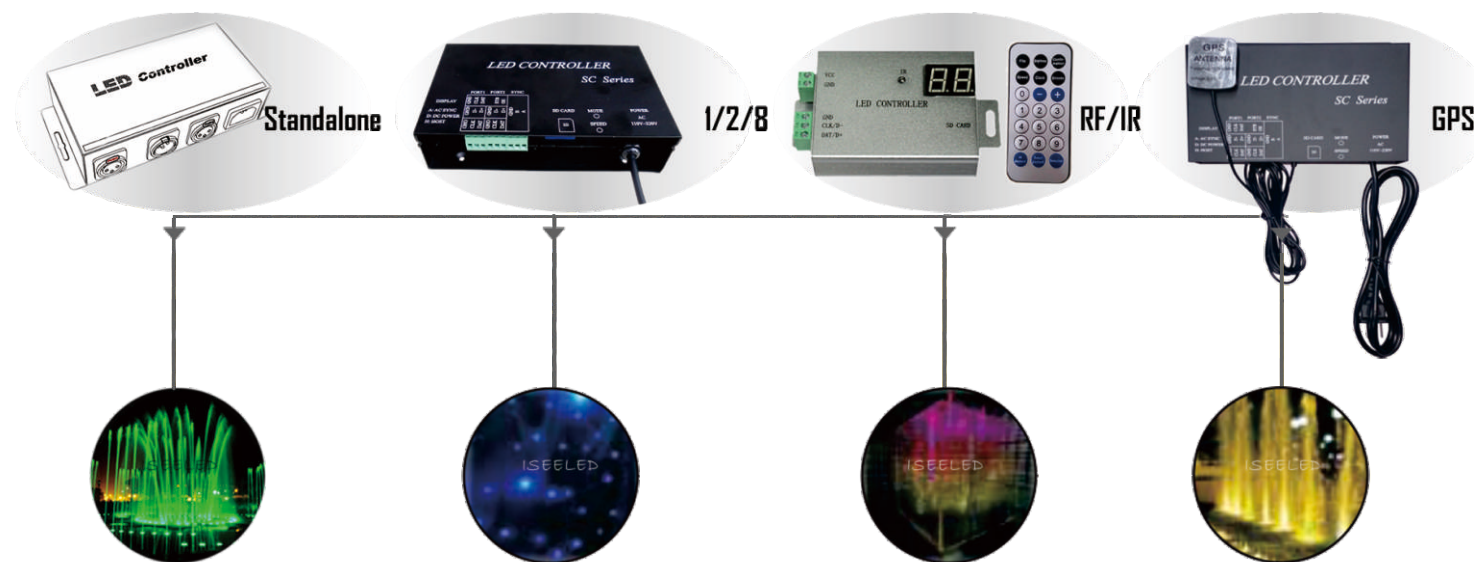- Application: architecture led lighting installation.

Parameters

Model	LED-UW148DMX1201	LED-UW180DMX1801	LED-UW180DMX2401
Product Name	12W Underwater LED Lamp	18W Underwater LED Lamp	24W Underwater LED Lamp
Housing Dimension	ø160*H93mm	ø180*H93mm	ø180*H93mm
LED Type	1W LED	1W LED	1-3W LED
LED QTY	12 LEDs	18 LEDs	18 LEDs/Meter
Pixel Qty	1 Pixel=3 DMX CH	1Pixel = 3 DMX CH	1 Pixel = 3 DMX CH
Input Voltage	24V DC	24V DC	24V DC
Max Power	12W	18W	24W
Beam Angle	16°, 25°, 30°, 45°, 60°		
Protocol	DMX 512 Manual/ Auto addressing		
Control Mode	DMX Artnet/ DMX DVI/Standalone SD Card control/DMX console, etc		
Protection	IP68		
Operating Temperature	-20°C~+50°C	-20°C~+50°C	-20°C~+50°C
Humidity Range	0 to 95% non-condensing		
Gross Weight	1.8kg	2.5kg	2.6kg

Parameters

Model	LED-UG65DMX 0101-1W	LED-UG100DMX 0301-3W	LED-UG160DMX 0601-6W	LED-UG180DMX 0901-9W	LED-UG197DMX 0101-36W
Product Name	1W Underground LED Lamp	3W Underground LED Lamp	6W Underground LED Lamp	9W Underground LED Lamp	36W Underground LED Lamp
Housing Dimension	ø65*H75mm	ø100*H80mm	ø160*H95mm	ø180*H95mm	ø250*H95mm
LED Type	1W LED	1W LED	1W LED	1W LED	36W COB LED
LED QTY	1 LED	3 LEDs	6 LEDs	9 LEDs	1 LED
Pixel Qty	1 Pixel	1 Pixel	1 Pixel	1 Pixel	1 Pixel
Input Voltage	12V DC	24V DC	24V DC	24V DC	24V DC
Max Power	1W	3W	6W	9W	36W
Beam Angle	16°, 25°, 30°, 45°, 60°				23°
Control Mode	DMX 512 Manual/ Auto addressing				
Protection	IP68				
Operating Temperature	-20°C~+50°C	-20°C~+50°C	-20°C~+50°C	-20°C~+50°C	-20°C~+50°C
Humidity Range	0 to 95% non-condensing				
Gross Weight	0.5kg	0.8kg	1.2kg	1.8kg	2.5kg

Architecture Lighting

PC Control (Artnet/DVI)/ DMX Console

PC

DMX Console

Artnet Output

OR

DMX Artnet

Art-net Pro
LED-ANC-Rs512

DMX DMX DMX DMX DMX DMX DMX
DMX512 DBC DPWM

Standalone LED Control system

Standalone

LED CONTROLLER
SC Series

1/2/8

LED CONTROLLER

RF/IR

LED CONTROLLER
SC Series

GPS

Wireless LED Control system

XLR Transceiver

LED Controller

2.4G

LCD Transceiver

LED Lightings

LED Decoder Wiring Diagram

Power Supply
DC12..24V

GND N L

~220B
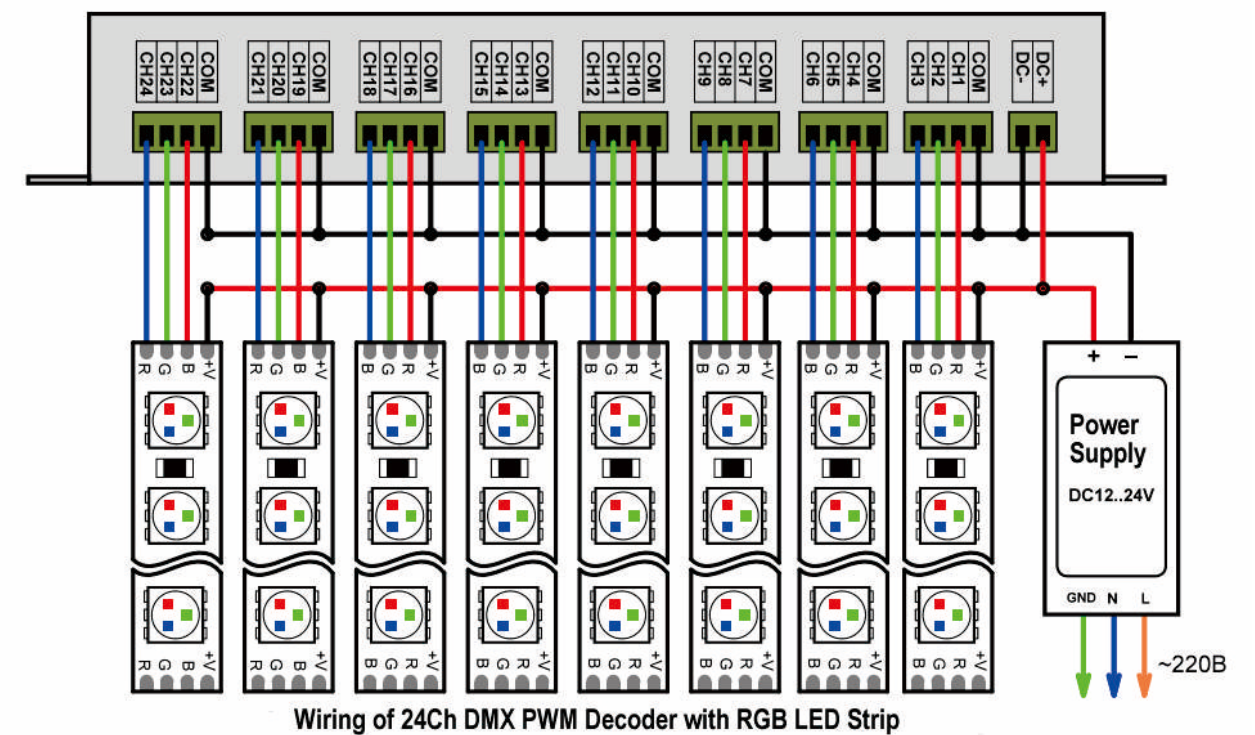
Wiring of 24Ch DMX PWM Decoder with RGB LED Strip

LED Controller

Standard DMX Artnet Controller

CE FC RoHS ART NET ETHERNET

Artnet Node 8/16

Lightning DMX Artnet Controller

Lightning 1   Lightning 4

Lightning 12

Lightning 20

Lightning 30

Easy Artnet Net

Easy 4

Features

• Completely follow standard USITT DMX512/1990 protocol and the expanded DMX512 protocol.
• Standard DMX artnet controller and Lightning artnet controller compatible with WS2801, WS2811, SM16716, TM1804, UCS1903 etc with external DMX 512 decoder.
• Easy artnet controller compatible with SPI signal directly without external decoder.
• Several standard DMX artnet or Easy artnet no need IP switch but an IP switch needed between several lightning artnet controller.
• Perfect synchronization between each universe of the 3 series of artnet controller.
• Implementing the Gamma Correction Algorithm based on the human visual system. It make color more abundance and satiation.
• Compatible with Art-net protocol and Madrix software which allows music to lights and sound to lights.
• The artnet controller suitable for architectural and entertainment lighting, different series to meet different needs.
• Standard controller can set the IP address and controller name via artnet setting software.
• Lightning controller can set the IP address and controller name via web.
• Easy artnet controller can set the IP address in the free led player software.
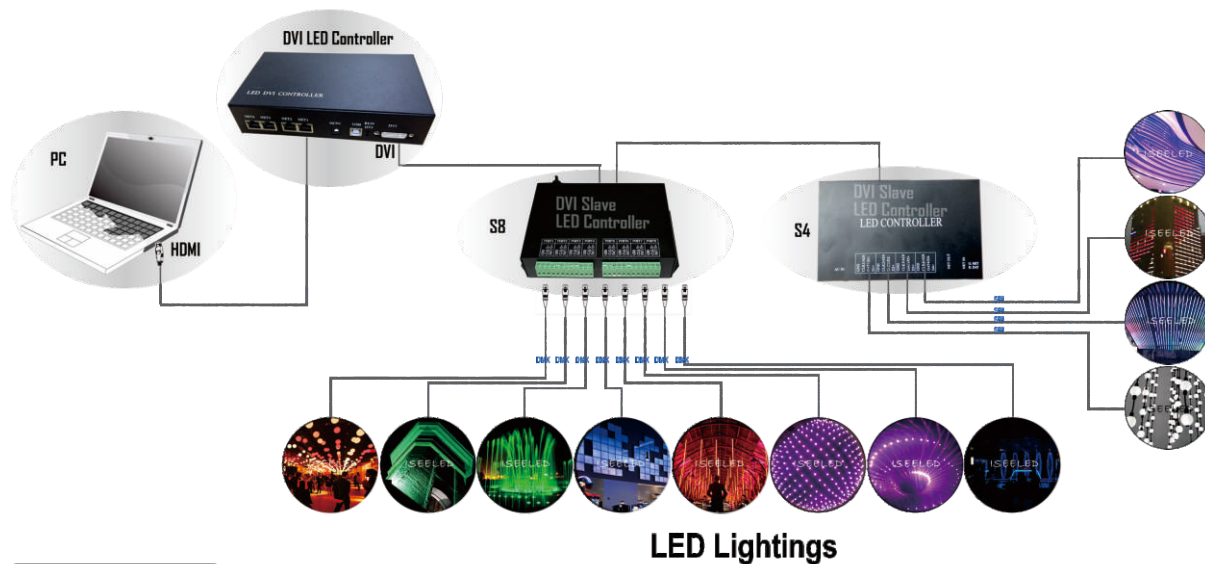
Parameters

Product Name	DMX Artnet Pro	Lightning Artnet Controller	Easy Artnet Controller
Universe	8/16 * 512 DMX CH	1/4/12/20/30 * 512 DMX CH	4 * 512 DMX CH
Input Voltage	AC110V-AC220V	AC110V-AC220V	AC110V/AC220V
Output Protocol	DMX 512	DMX 512	DMX 512 / SPI
Input Protocol	ART-NET II, ART-NET III	ART-NET II, ART-NET III	ART-NET II, ART-NET III
Output Connector	3/5 pin XLR female	3/5 pin XLR female	Open Wire Connector
Support software	Madrix, SUNLITE, Arkaos, Martin, Avolite	Madrix, SUNLITE, Arkaos, Martin, Avolite	Free Software-LED Player
Ethernet	Rj45, 10/100Mbit/s	Rj45, 10/100Mbit/s	Rj45, 10/100Mbit/s
Working Temperature	-20C°--+50C°	-20C°--+50C°	-20C°--+60C°
Working Environment	IP 20	IP 20	IP 20 / IP 24 for rainproof
Installation	Rack or Screw installation	Rack or Screw installation	Screw installation

LED Controller

DVI LED Controller

Features

- Each DVI LED controller maximum load 400,000 pixels with total 4 network output ports, and can expend the pixels with DVI distributor to connected with several DVI LED controller.
- High speed transmit through DVI/HDMI interfaces.
- Applied duplication mode when connected to computer with 32-bit and 64-bit operating systems.
- Support 4 output and 8 output slave controller 4.
- Through LAN cable signal transmit distance upto 100M, and upto 25KM by using photo electrical converter.

Diagram

LED Lightings

Parameters

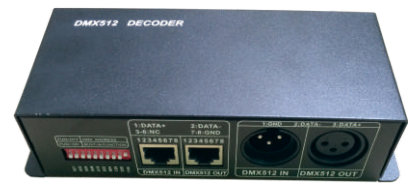| Item	Description		
Name	DVI LED Controller	Slave Led Controller	Slave Led Controller
Model	LED-DVI-TV03	LED-DVI-S4	LED-DVI-S8
Input Voltage	DC9V	AC220V/AC110V	AC220V/AC110V
Power Consumption	5 W	1.2 W	1.2 W
Output Quantity	4	4	8
Control pixels	400,000 pixels, a computer controls 2.62 million pixels	4x512 CH for DMX, 3400 pixels total for SPI	8x512 CH for DMX, 6800 pixels total for SPI
Control Protocol	DMX / IIC / SPI	DMX / IIC / SPI	DMX / IIC / SPI
Working Temperature	-20C°--+75C°	-20C°--+75C°	-20C°--+75C°
Dimension	L183 x W139 x H40mm	L163 x W155 x H54mm	L183 x W139 x H40mm
Net Weight	0.8 Kg	1 Kg	1 Kg

SD Card LED Controller
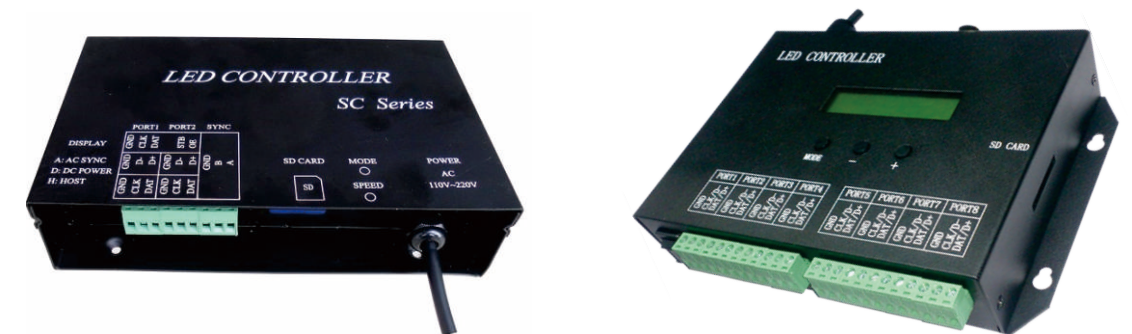
Features

- 01SC has one output port, can control maximum 1024 pixels.
- 02SC has two output ports, can control maximum 2048 pixels.
- 03SA has eight output ports, can control maximum 8192 pixels.
- Use the DIP switch to set the play mode and speed, the SD card can be in and out with power-on.
- SD card supports FAT32 and FAT16 format, the maximum capacity is 64G bytes, stores maximum 64 DAT files.
- The type of driver chip and scanning frequency are set in "LED Build Software".
- Achieve encryption function by limiting the number of power-on time, which is set in DAT file.

Parameters

Model	LED-SC01	LED-SC02	LED-SA08
Output Port	1	2	8
Control Pixels	1x1024	2x1024	8x1024
Control Protocol	DMX/IIC/SPI	DMX/IIC/SPI	DMX/IIC/SPI
Input Voltage	AC110V/AC220V	AC110V/AC220V	AC110V/AC220V
Power Consumption	1W	1W	2W
SD Card	256MB Card	256MB Card	256MB Card
Working Temperature	-20C°--+85C°	-20C°--+85C°	-20C°--+85C°
Weight	1.5KG	1.5KG	1.5KG
Dimension	L145 x W140 x H54mm	L145 x W140 x H54mm	L205 x W155 x H54mm
Control IC Driver	LPD6803, LPD8806, LPD6813, LPD1882, LPD1889, DMX512, P9813, UCS6909, UCS6912, UCS1903, WS2801, WS2803, WS2811, DZ2809, SD600, SM16716, TLS3001, TM1812, TM1809, TM1804, TM1803, DM413, DM114, DM115, DM13C, DM134, DM135, DM136, 74HC595, 6B595, MBI5001, MBI5168, MBI5016, MBI5026, MBI5027, TB62726, TB62706, ST2221A, ST2221C, XLT5026, ZQL9712, ZQL9712HV, etc.		
Notes:	1, Several different SD card controller can realize AC synchronous. 2, Beside the standard easy SD card controller , the IR SD card controller, Timing SD card controller, GPS SD card controller, etc to meet multiple application.		

LED Controller

ISEE LED

ISEE LED

3CH*6A/CH

4Ch*6A/CH

6CH*6A/CH

24CH*5A/CH

LED-DMXSPI

Waterproof DMX SPI

Features

· LED PWM decoder received standard DMX 512 signal and transforms it into PWM signal to driver LED,

· 3CH*6A/CH, 4CH*6A/CH, 6CH*6A/CH, 24CH*5A/CH are available.

· DMX address can be set by DIP switch on the decoder.

· 0-100% dimming, 1024 gray level, 500Hz frequency.

· User can use the LED decoder separately or connected them with ISEELED artnet controllers or SD card controllers.

· Connected a DMX signal amplifier each 20 pcs LED.

· The difference between the different led decoder, besides the output channels and output current, the connection is different for different application, especially for 6CH led decoder.

Parameters

Model	LED-D3PWM	LED-D4PWM	LED-D6PWM	LED-D24PWM
Input Voltage	DC5V or DC 6-24V	DC 12-24V	DC 12-24V	DC 7.5-24V
Control	3CH x 4A	4CH x 6A	6CH x 6A	24CH x 5A
Max load	5V:60W, 12V:144W, 24V:288W	12V:288W, 24V:576W	5V:180W, 12V:432W, 24V:864W	12V:1440W, 24V:2880W
Input Signal	DMX 512	DMX 512	DMX 512	DMX 512
Input Connection	XLR 3 pin or RJ45	XLR 3 pin	XLR 3 pin	XLR 3 pin or Rj45
Working Temperature	-20C°--+75C°	-20C°--+75C°	-20C°--+75C°	-20C°--+75C°
Gross Weight	0.8KG	0.5KG	0.4KG	0.8KG
Dimension	L165 x W67 x H42mm	L156 x W78 x H40mm	L127 x W40 x H52mm	L262 x W130 x H45mm

Features

· LED DMX SPI decoder receives standard DMX 512 signal and transforms it into SPI signal to driver LED.

· Indoor use LED-DMXSPI or waterproof application are available.

· DMX address can be set by DIP switch on the decoder or use dmx led address writer for waterproof decoder.

· LED-DMXSPI decode 512 dmx channels and can customized define the SPI pixel quantity together in a same dmx address.

· User can connected the LED DMX SPI decoder with ISEELED artnet controllers or SD card controllers.

Parameters

Model	LED-DMXSPI	LED-DMXSPI-A
Input Voltage	DC 12V	DC 12V
Max load	512 DMX CH	512 DMX CH
Input Signal	DMX 512	DMX 512
Input Connection	XLR 3/5 pin	XLR 3/5 pin or 4 pin male
Output Signal	SPI (WS2811 or other)	SPI (WS2811 or other)
Output Connection	XLR 3 pin	4 pin female
Working Temperature	-20C°--+75C°	-20C°--+75C°
Gross Weight	0.47KG	0.25KG
Dimension	L127 x W40 x H52mm	L50 x W25x H20mm

LED Controller

Parameters

Mode	LED-DMX-S4	LED-DMX-S8
Signal connection socket	Input: XLR-3-M Output: XLR-3-F	Input: XLR-3-M Output: XLR-3-F
Output Universe	4 output	8 output
Electrical isolation voltage	>AC300V	>AC300V
Input Voltage	90-240VAC 50Hz/60Hz	90-240VAC 50Hz/60Hz
Dimension	120*70*45mm	484*45*140mm "19" 1U
Weight	0.85kg	1.9kg

DMX Terminal Resistor

Features

· The DMX Terminator plugs into the feed-through connector of the final DMX device on a control cable.
· Using the DMX Terminator improves signal reliability by preventing reflections and reducing ringing.

Parameters

Mode	LED-DT-4
Working Voltage	0-300V
Working Current	0-8A
IP Rating	Ip65
Length	5cm
Weight	9 g

Features

· LED DMX address writer to use for dmx address manual setting led light. Due to different DMX 512 LED lights use different DMX IC driver, so there are different types dmx address writers.
· The DMX address writer can set the dmx address one channel by one channel.
· The DMX address writer can test the address of the each channels after you set the dmx address which perform as a lighting testing function.
· User can set the DMX address for several groups/universe of lamps with same address.

Parameters

Model	LED-DW100	LED-DW200
Input Voltage	DC 12-24V	DC 7-24V
Output Signal	DMX 512	DMX 512
Output Connection	XLR 3/5 pin	Open wire
Working Temperature	-20°C--+50°C	-20°C--+50°C
Gross Weight	0.25KG	0.5KG

LED Controller

Madrix introduction

· MADRIX® is the LED lighting controller and software brand.
· It is a feature-rich and intuitive software.
· The application is both an effect generator and media server with outstanding capabilities to display unique real-time effects on your LEDs. Endless stunning and fully customizable visuals are created live by you using pixel mapping (2D), voxel mapping (3D), and the built-in graphics and rendering engine.
· Complementary MADRIX® hardware reliably controls your LED installation via MADRIX® –the centerpiece of our intuitive products. This provides a seamless integration of both software and hardware and high performance.

Features

· Real-time audio analysis
· Support online controller
· Easy to use

Usage

· Effect generator
· Pixel mapper
· Media server
· For LJs, Vjs, and other lighting professionals

Specification

Supported Operating Systems,
· Microsoft® Windows® Vista
· Microsoft® Windows® 7
· Microsoft® Windows® 8
· Microsoft® Windows® 8.1
· Microsoft® Windows® 10
· Compatible with 32 bit and 64 bit

Minimum System Requirements,
· 2.0 GHz dual-core CPU
· OpenGL 2.0 graphics card (NVIDIA recommended)
· 2GB RAM
· 1 GB free hard disk space
· 1280 * 768 screen resolution
· Network card
· Sound card
· USB 2.0

LRS-150   LRS-200   LRS-350

LRS Series
Economical non-PFC models
Miniature size with complete protections
Most economical models with complete safety certificates
LRS-150,3.3V, 5V, 7.5V, 9V, 12V, 15V, 24V, 48V
LRS-200,3.3V, 5V, 7.5V, 12V, 15V, 24V, 27V, 36V, 48V
LRS-350,3.3V, 5V, 7.5V, 12V, 15V, 24V, 27V, 36V, 48V

RSP-150   RSP-200   RSP-320

RSP Series
Built-in active PFC function
Full range input, complete functions
RSP-150,3.3V,5V,7.5V,12V,13.5V,15V,24V,27V,48V
RSP-200,3.3V,5V,7.5V,12V,13.5V,15V,24V,27V,48V
RSP-320,3.3V,5V,7.5V,12V,13.5V,15V,24V,36V,48V

CLG-150

CLG Series
Metal case, IP67/IP65 design for indoor and outdoor installations
Built-in active PFC function
Output current adjustable through output cables or internal potentiometer
Suitable for LED lighting and moving sign applications
CLG-150, 12V, 15V, 20V, 30V, 36V, 48V

HLG-240   HLG-320H

HLG Series
95% high efficiency
Metal case, IP67/IP65 design for indoor or outdoor installations
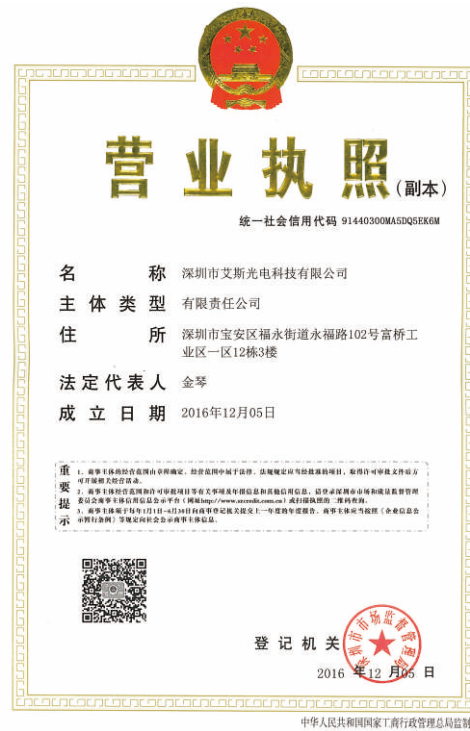Built-in active PFC function
Built-in 3 in 1 dimming function (1~10VDC, PWM signal or resistance) for B type
Suitable for LED street lighting and moving sign applications
HLG-240, 12V, 15V, 20V, 24V, 30V, 36V, 42V, 48V, 54V
HLG-320H, 12V, 15V, 20V, 24V, 30V, 36V, 42V, 48V, 54V

CE FC RoHS

Certification