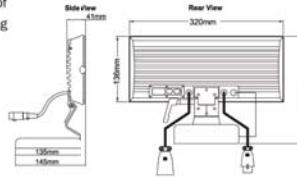


# LED WALL WASHER & POOL LIGHT SERIES

## High Power LED Series LED Wall Wash (I)

LED LW-320\*130-WP-PC-120V/240V Wall Washer is illuminated by using LED RGB technology with 256 degree gray scale function. It is able to play synchronously through the intelligent controller; the unit is also friendly enough to work with user's own program if it is connected to a DMX controller. The housing is made of aluminum alloy and is totally sealed. You can achieve best lighting effect by adjusting the angle or position of the unit.



## COLOR CHANGE Series



### Specifications:

Item No.:	LW-320*130-WP-PC-120V/240V (RGB color change)	LW-320*130-WP-PC--AWB120V/240V (Amber, white, blue color change)
Color Range:	Different brightness of red, green & blue LED combined to produce 16,000,000 colors.	Amber, white & blue LEDs combined to produce different brightness colors of different color temperatures (3000K-14000K).
Light Source:	High power LED	High power LED
LED Qty.:	Red12, Green12, Blue12	Amber12, White12, Blue12
Beam Angle:	25°	25°
Light Projecting Distance:	20m	20m
Digital Interface:	Standard DMX compatible	Standard DMX compatible
Controlling System:	DMX512(controller with RS-485 protocol)	DMX512(controller with RS-485 protocol)
Shell Material:	Aluminum alloy	Aluminum alloy
Connecting Mode:	Standard signal cord and power cord	Standard signal cord and power cord
Connector:	3-pin signal connector	3-pin signal connector
Weight:	3.9Kg	3.9Kg
Size:	L320xW145xH225mm	L320xW145xH225mm

### Electrical Specifications:

Operating Voltage:	AC90-264V/12V DC	AC90-264V/12V DC
Operating Current:	Max. 2A	Max. 2A
Power Consumption:	48watts	48watts

### Environmental Specifications:

Operating temperature:	-20°C - +40°C	-20°C - +40°C
IP Rating:	IP65	IP65

### Color Effects:

Static Display:	Static display of 16,000,000 colors by mixing colors	Static display of many colors by mixing colors
Flashing Change:	Colors transition from high brightness to low brightness	Colors transition from high brightness to low brightness
Cross Fade:	Colors alternate	Colors alternate
Chasing Change:	Colors chase one another	Colors chase one another
Circulation Function:	Single color circulates regularly	Single color circulates regularly

### Source Specifications:

Source:	36 LEDs (12Red, 12Green, 12Blue)	36 LEDs (12Amber, 12White, 12Blue)
Optics:	Clear polycarbonate	Clear polycarbonate



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This fixture must be installed by a qualified electrician. LED is not responsible if its fixture are not installed according to local safety standards. Please leave a copy of these instructions for the person responsible for the maintenance of the installation.

# LED LED<sup>®</sup> WALL WASH SERIES



## Specifications:

Item No.:	LW-320*130-WP-A (Amber)	LW-320*130-WP-SB-W LW-320*130-WP-UB-W (White)	LW-320*130-WP-B (Blue)
Color Range:	Amber	White	Blue
Light Source:	LED	Super bright LED	LED
LED Qty.:	Amber270	White270	Blue270
Beam Angle:	25°	45°	25°
Light Projecting Distance:	20m	20m	20m
Shell Material:	Aluminum alloy	Aluminum alloy	Aluminum alloy
Connecting Mode:	Power cord	Power cord	Power cord
Weight:	3.9Kg	3.9Kg	3.9Kg
Size:	L320xW145xH225mm	L320xW145xH225mm	L320xW145xH225mm

## Electrical Specifications:

Operating Voltage:	AC90-264V/24V	AC90-264V/24V	AC90-264V/24V
Operating Current:	Max. 1.7A	Max. 1.7A	Max. 1.7A
Power Consumption:	40watts	40watts	40watts

## Environmental Specifications:

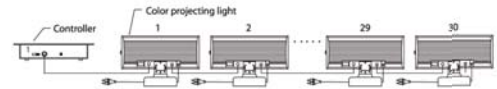
Operating Temperature:	-20°C ~ +40°C	-20°C ~ +40°C	-20°C ~ +40°C
IP Rating:	IP65	IP65	IP65

## CONNECTION

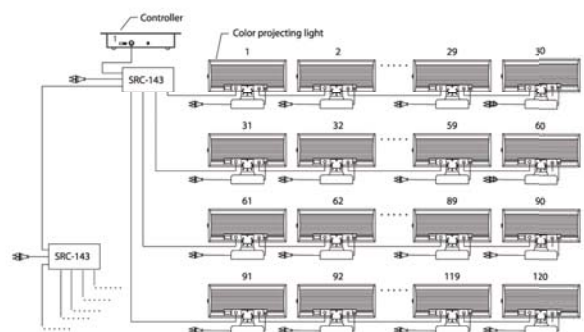
For:

- RGB Color Change Type
- AWB Color Change Type
- Amber Color Type
- White Color Type
- Blue Color Type

### 1. Connection 1:



### 2. Connection 2:



Product details are subject to changes of appearance and specifications without notice, please refer to the real entity.

Every LED Wall Washers occupies 3 channels, you can calculate the max. connecting piece from the capacity of DMX console.



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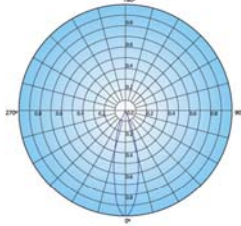
This fixture must be installed by a qualified electrician. **LED** is not responsible if its fixture are not installed according to local safety standards. Please leave a copy of these instructions for the person responsible for the maintenance of the installation.

## LED Wall Washer (I)

Due to the limitation of set type, there will be only one product source specification (LW-320\*130-WP-SB/UB, LW-320\*130-WP-SB/UB-W) to be listed. If customers would like to get more detailed specifications of the products, please contact us.

### Candle Power Distribution:

LW-320\*130-WP-SB/UB (RGB color change)



#### Testing circumstance

Installation Position: Horizontal  
Testing Surface: A-A surface

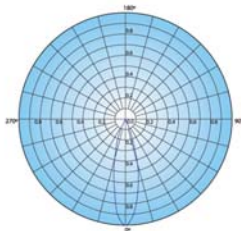
#### Electrical parameters

Current: 0.253 A  
Voltage: 220V  
Power Consumption: 35W

#### Testing result

Max. luminous intensity: 1022.806cd  
Luminous flux: 370.7lm  
Efficacy: 11.029lm/w  
Beam angle: 45°  
Remark: Controlling standard voltage 220V

LW-320\*130-WP-SB/UB-W (white color)



### Illuminance Distribution:

60.1	70.4	83.4	104.0	117.7	124.3	108.6	90.3	74.9	63.7	0.5M
76.2	97.5	155.1	248.6	314.0	308.4	240.2	153.3	129.1	77.6	
101.9	163.6	320.6	593.5	751.4	684.1	473.8	265.4	149.5	94.4	
136.4	269.2	629.9	1047.7	1242.0	1157.9	809.9	475.7	220.6	118.7	
156.1	370.1	801.9	1255.1	1619.6	1535.5	1114.0	630.8	281.3	141.1	0M
147.7	329.9	746.7	1205.6	1296.0	1528.9	1129.9	660.4	298.1	142.1	
128.9	237.4	529.9	923.4	1203.7	1213.1	943.9	542.9	246.7	120.6	
103.7	154.2	291.6	550.5	752.1	761.7	567.3	306.5	144.9	92.5	
89.7	112.1	192.3	240.2	317.8	315.9	214.9	135.5	93.5	71.0	
72.9	86.9	100.9	116.8	129.1	121.5	101.9	81.3	67.3	57.0	0.5M

Units: Lux  
Color: White  
Direction: On axis  
Testing Distance: 1m  
Multipliers: 0.115 Red, 0.378 Green, 0.506 Blue

### Illuminance:

LW-320\*130-WP-SB/UB (RGB color change)

Distance(m)	1	2	3	4	5
White	1724.3	456.1	208.4	118.1	74.6
Red	213.1	57.0	27.1	15.2	9.3
Green	700.9	185.9	85.9	47.9	30.4
Blue	937.4	242.9	110.3	62.4	40.4

LW-320\*130-WP-SB/UB-W (white color)

Distance(m)	1	2	3	4	5
White	1724.3	456.1	208.4	118.1	74.6

Unit: Lux  
Direction: On axis



\*Clayton Bay Hotel, Japan, Hiroshima.

\*Kora Dkey, Japan, Tokyo Kuyabachyo.

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