



LED WALL WASHER

LWW-WZB-W55



Product Characteristics

- Multi-layer structure waterproof, outdoor application more stable and reliable.
- High brightness, low energy consumption, to meet large area lighting needs.
- Support intelligent control and dynamic lighting effects to adapt to different scenes.
- Multi-angle lens optional, low glare design, to ensure uniform light, improve the architectural beauty.
- High quality aluminum heat dissipation design, good corrosion resistance and ensure long-term use of temperature control, effectively extend the LED service life.
- Flexible installation structure, support multi-angle adjustment, easy to accurately illuminate the target area.
- The product is equipped with quick connector links to simplify the installation process, shorten working hours and reduce the difficulty of maintenance.

Structure

Color Range	RGBW; ○ White 2800~6300K
Optics	5° 8° 10° 20° 30° 40° 60° 15x40° 15x55°
Housing	Aluminum alloy 6063
Cover Lens	Tempered glass
Environment	Outdoor, IP66
Light Life	30,000 hours
Warranty	3 years
Operating Temperature	- 20°C to +40°C

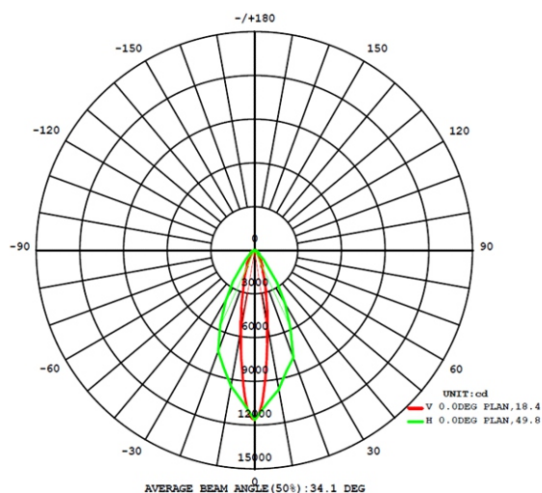
Packaging

Voltage	100-277V AC		
Dimensions	L1220mm(4ft)	L620mm(2ft)	L350mm(1ft)
Net Weight	4.7kg	2.5kg	1.5kg
Quantity	4Units/Ctn	8Units/Ctn	12Units/Ctn
Carton size	129*23*34.5cm	67.5*43.5*34.5cm	82*33.5*34.5cm

Accessories (order separately)

Cables	Input Cable, Extension Cable, Conversion Cable
Controller	LUNA 8
Control Systems	Madrix LED control system
Diagnostic and Addressing Tools	DMX-ADDR, MR-WT35

Candela Distribution (Direct View)



Electronic & Lumen

Voltage	4ft Luminaire (L1220mm)			
	Light Source	Luminous Flux	Efficacy	Power
	RGBW(3000K)	3250lm	50lm/W	65W
	RGB	2275lm	35lm/W	65W
100-277V AC	2ft Luminaire (L620mm)			
	Light Source	Luminous Flux	Efficacy	Power
	RGBW(3000K)	1750lm	50lm/W	35W
	RGB	1225lm	35lm/W	35W
	1ft Luminaire (L350mm)			
	Light Source	Luminous Flux	Efficacy	Power
	RGBW(3000K)	900lm	50lm/W	18W
	RGB	630lm	35lm/W	18W
	White(3000K)			
		1660lm	92lm/W	18W

Optics



Control

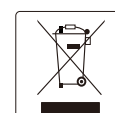


Steady Colour DMX/RDM 0-10V Dimming

Rating



Certifications



Function & Setup

DMX Addressing:

When the digital LED is not flashing, press A, digital LED begin to flash, press A once, active digital LEDs moves backward, you can start to edit the second digital LED; Press B, the corresponding flash digital LED increase one bit (the values between 1 to 9);

*** Valid DMX Address: 001~512



Independent Mode:

After pressing A four times (the first three times is the setup on DMX address) or B directly, light enter into independent mode; the digital LEDs show PXY, press A once, active digital LEDs moves backward, you can choose function via X and parameter via Y;

Press B, the corresponding flash digital LED increase one bit (range: 1~9);



X refer to functions (the value between 1 to C), Y refer to value of speed and gray degree for the functions (the value between 1 to 9).

4CH Function and parameter sheet:

X value	Y value
1-static red	1~9 class gray degree
2-static green	1~9 class gray degree
3-static yellow	1~9 class gray degree
4-static blue	1~9 class gray degree
5-static purple	1~9 class gray degree
6-static cyan	1~9 class gray degree
7-static R+G+B	1~9 class gray degree
8-static white	1~9 class gray degree
9-white+red	1~9 class gray degree
A-white+green	1~9 class gray degree

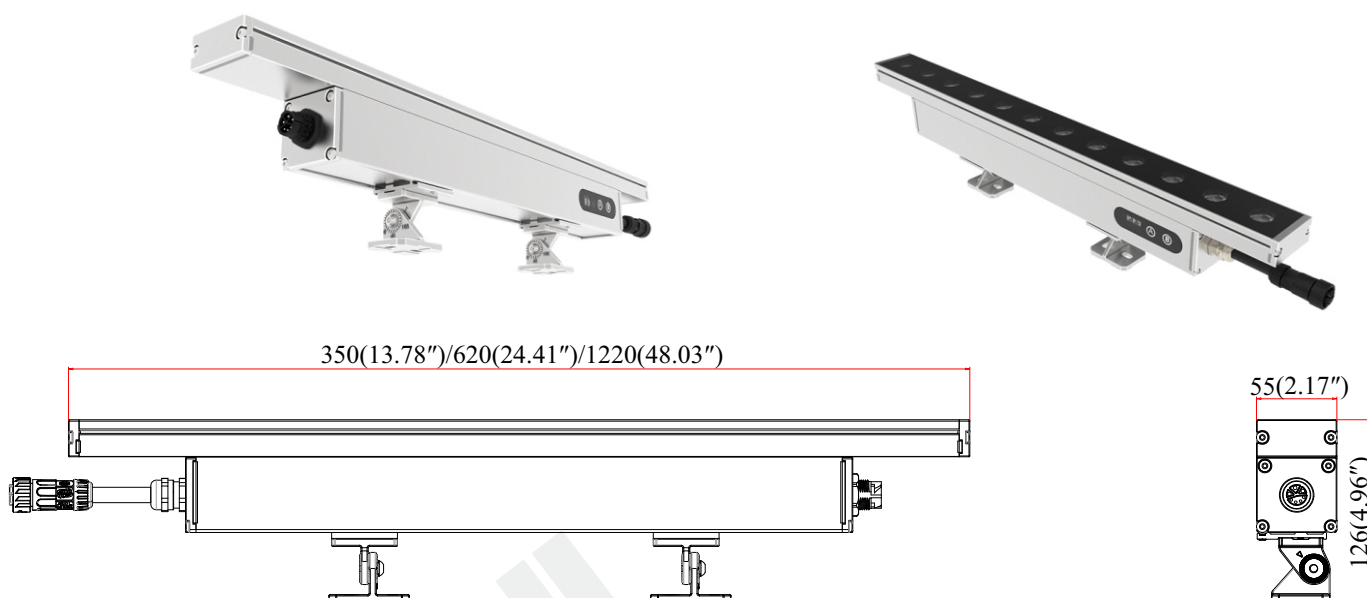
X value	Y value
B-white+red+green	1~9 class gray degree
C-white+blue	1~9 class gray degree
D-white+blue+red	1~9 class gray degree
E-white+blue+green	1~9 class gray degree
F-white+red+green+blue	1~9 class gray degree
G-multicolor changing	1~9 class speed
H-single fading	1~9 class speed
L-multicolor fading	1~9 class speed
P-multicolor flashing	1~9 class speed
U-autorun	1~9 times circle

Master/Slave Mode:

Choose any one light as the master for attaining auto online function, the operations are as below: firstly, set the address of master as 001, others are set as slave (address can be any one except 001); Change function of the master (001) light, then all lights will work synchronously;

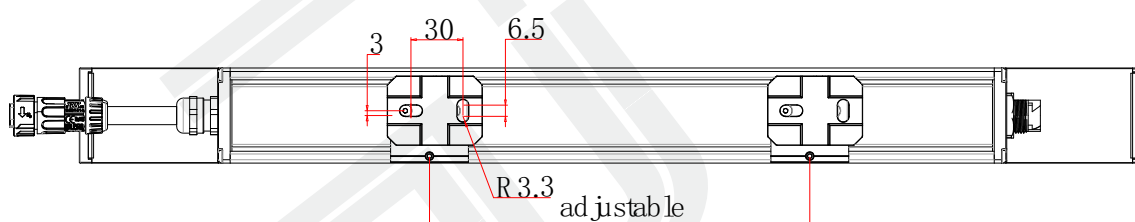
When pressing button, please wait for about 10 sec, then you can exit the mode of adjustment function, the digital LED stop flashing and data recorded.

Dimension drawing(Unit:mm/inch)

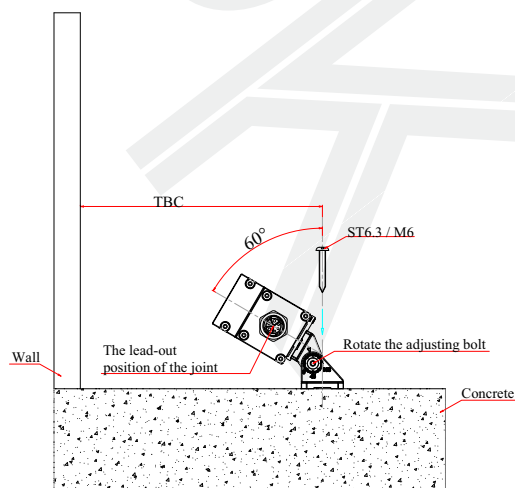


Installation

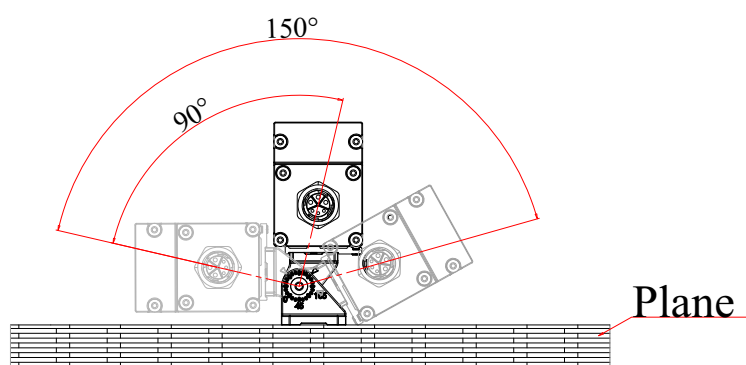
Fix the brackets via M6 tapping screws, mounting size as below:



Installation schematic diagram :

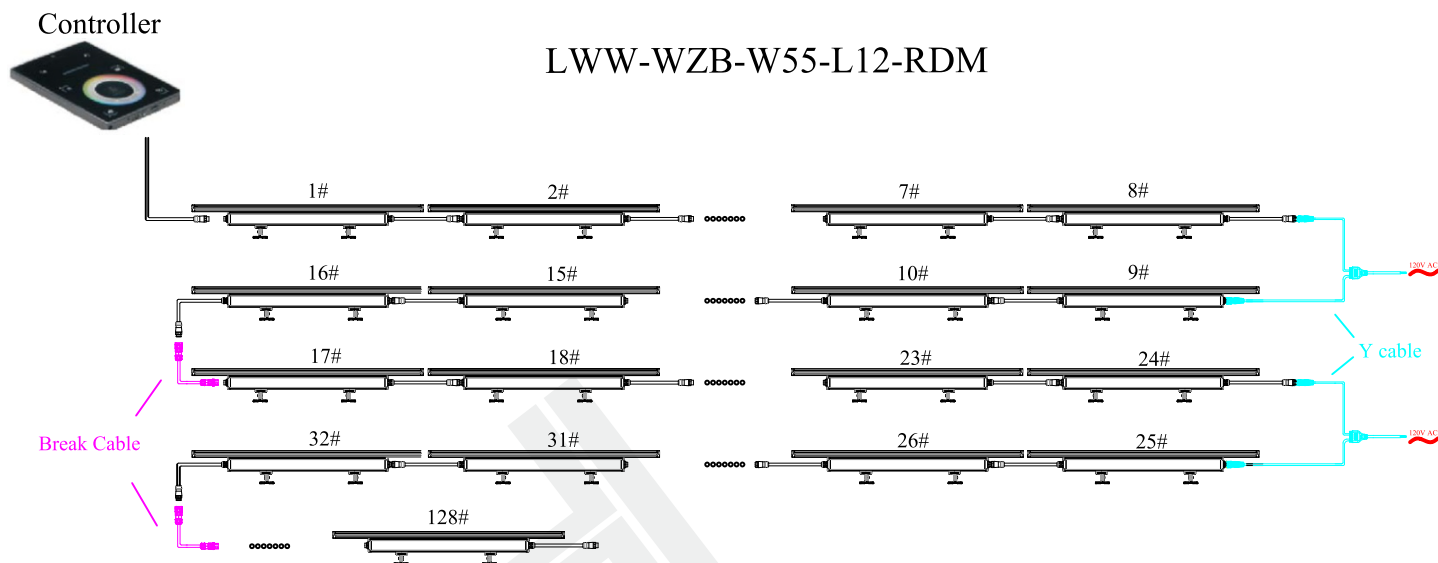


Maximum rotation Angle :



System Diagram

DMX Control connection :

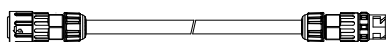


Connection quantity table :

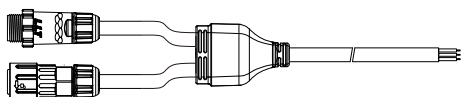
Mode No.	Input	Power Connection Qty (65W)	Signal Connection Qty(RGBW: 4CH)
LWW-WZB-W55-L12	120V AC	8 PCS	128 PCS
LWW-WZB-W55-L12	277V AC	16 PCS	128 PCS

Wire Distribution

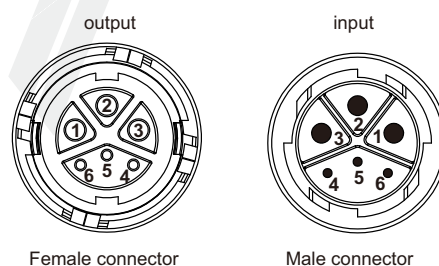
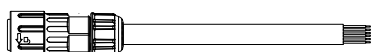
Extension cable



Y-cable



Signal output cable



Wire#	Description	Color
1	N	White
2	E	Green
3	L	Black
4	B-	Pink
5	GND	Yellow
6	A+	Purple

How to Order

Housing	Voltage	Length ^①	Colour	Lens	Finish	Control
LWW-WZB-W55	100~277V AC	350mm	RGBW	5°	Silver Housing Custom Colors & Finish ^{②③④}	DMX/RDM ^⑤ Dimmer ^⑥ Steady ^⑦
		620mm	RGB	8°		
		1220mm	White	10° 20° 30° 40° 60° 15x40° 15x55°		

Notes:

1. If you need to customize other lengths, please consult separately.
2. TPK offers a wide selection of RAL CLASSIC (K7) colours with a smooth texture and high-gloss finish. Please consult factory for a list of available K7 colours, other RAL textures and glosses, or to match alternate colour charts. Final colour matching results may vary.
3. Setup charges apply for RAL colours. Consult factory for details.
4. Longer lead times can be expected for custom RAL colour finishes.
5. DMX Mode: International standard DMX512/RDM signal.
6. Dimming Mode: 0-10V dimming.
7. Steady Color Mode: Power on/off.

Caution: 1. Do not plug them into power when the product is still in package;

2. Don't use anything to cover the fixture during application;
3. Don't use this product in close environment;
4. If this product appears to be damaged, do not attempt any repair, please contact your dealer.

Warning: 1. Pls twist the connector well in order to avoid water going side and making fixture failure.

2. The above instruction are subject to update or improved without notice. Pls turn to our staff for further details! Thanks for your long term support!
3. Do not install the lamp in the lightning activity area.