aurorä
BATTEN 12X IP

Rainbow Rhythm
Genie Led Wash Bar

▶ ◉ f ✆ / illusioncad

DESIGNED FOR CANADA 🇨🇦

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UNIVERSE

🌐 www.illusionuniverse.ca

Content

Every unit is tested completely and packed properly by the manufacturer. Please make sure the packing and / or the unit are in good condition before installation and use. Should there be any damage caused by transportation, consult your dealer and do not use the unit. Any damage caused by improper use will not be assumed by the manufacturer and / or dealer.

Please note that as part of our ongoing commitment to continuous product development, specifications are subject to change without notice.

Safety Instructions

⚠ **Warning**

The products are packaged in good condition, please follow the user manual, Machine failure caused by human causes is not covered by the warranty.

When unpacking and before disposing of the carton check there is no transportation damage before using the light. Should there be any damage caused by transportation, consult your dealer and do not use the apparatus.

The projector is for indoor and outdoor use, IP65.

W

Do not install the fixtures onto inflammable surfaces directly, /vx

The fixture is only intended for installation, operation and maintenance by qualified personnel.

Do not project the beam onto inflammable surfaces, minimum distance is 3meter. O 3rn f Avoid direct exposure to the light

from the lamp. The light is harmful to the eye.

Do not attempt to dismantle and/or modify the projector in any way.

Electrical connection must only be carried out by qualified personnel.

Before installation, ensure that the voltage and frequency of power supply match the power requirements of the fixture.

It is essential that each projector is correctly earthed and that electrical installation conforms to all relevant standards.

Do not connect this device to any other types of dimmer apparatus.

The projector should always be installed with a secondary safety fixing. A safety cord is supplied for this; it should be attached as shown in "installing the projector" section.

Shields and lens shall be changed if they have become visibly damaged to such an extent than their effectiveness is impaired, for

example by cracks or deep scratches.
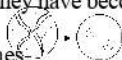
- Exterior surface temperatures of the luminaire after 5 minutes operation is 45°C, when steady state is achieved 70°C
- There is no user serviceable parts inside the projector, do not open the housing and never operate the fixture with the covers
- removed.

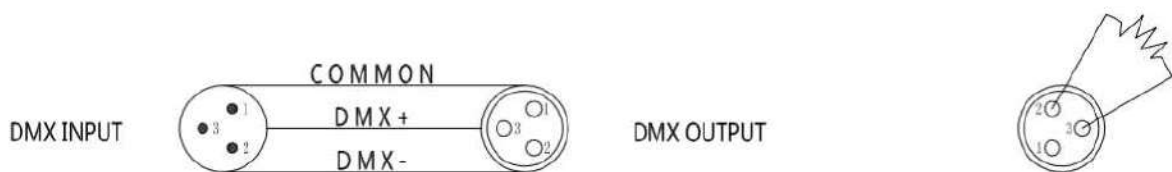- If you have any questions, don't hesitate to consult your dealer or manufacturer.

Fixture structure and installation
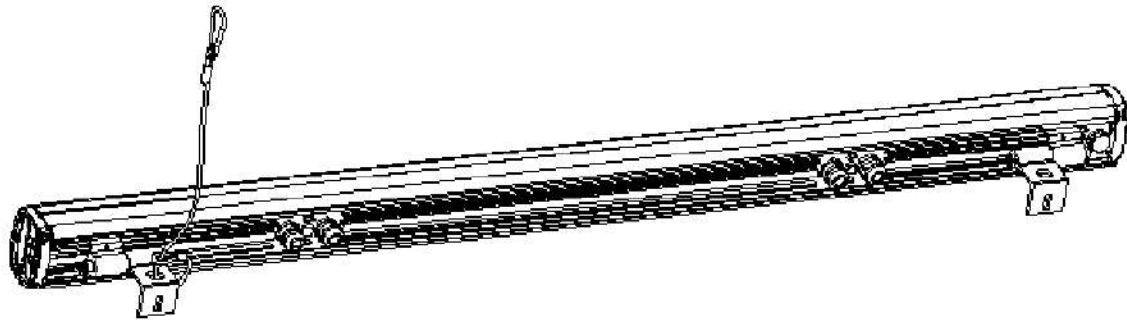
DMX signal connection and description
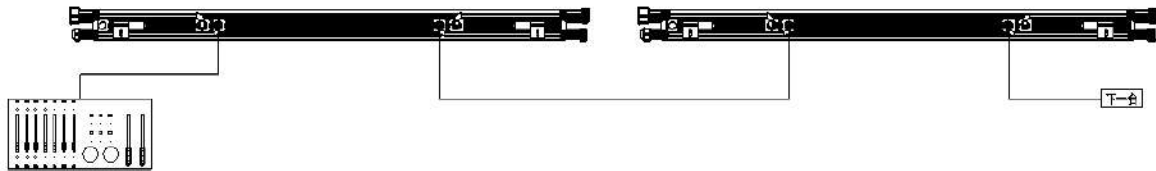
DMX Connection Instruction

•In order to reduce signal errors and avoid signal weakening and interference during transmission,

A 120 ohm 1/4W resistor can be added between the 2 and 3 cores of the DMX output of the last machine.

•   Connect the lamp with XLR signal cable, and connect one end to the output port of the lamp,

The other end is connected to the input port of the next fixture. Signal lines can only be used in series, not in parallel.

Because DMX512 signal transmission speed is very fast, when the signal line is damaged, the welding place is not firm, the contact is not good, etc.

will affect the signal transmission, causing the system to shut down.

•   When the machine power supply of a unit is broken, the connection between DMX output and input is bypassed.

In order to maintain the connectivity of the DMX line.

•   Each lamp must have an address code that can receive information from the console.

•   The terminal of the DMX512 system needs to be equipped with a terminator to reduce signal transmission errors.
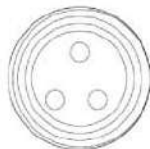
DMX Address Code Device

Channel	address	First address	Second address	Third address	Fourth address
4CH	001	001	005	009	013
7CH	001	001	008	015	022
8CH	001	001	009	017	025

(refer to the picture above) the number of lamps added after the fourth set; The address code is based on the channel, and the order is pushed

Power Connection
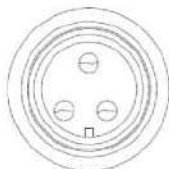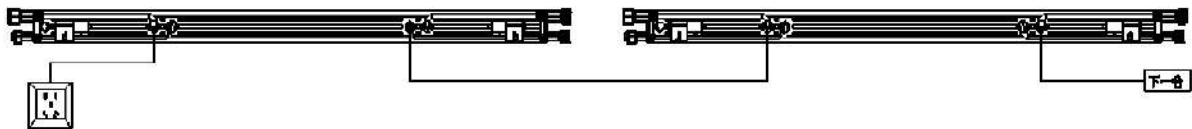
POWER IN   POWER OUT

This product uses Power In/Out Connect the power cord hand in hand Note: A 1.0 square power cord due to power Up to 11 units (230V)
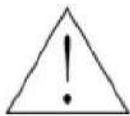
Warnin
g

A single power cord should never be connected to too many lamps or overloaded.
Do not use power cords that have been damaged by the insulation and do not tie the power cord to other wires.
When the lamp is not in use or clean, unplug the power cord.
Do not unplug or drag the power cord vigorously.

Control Panel
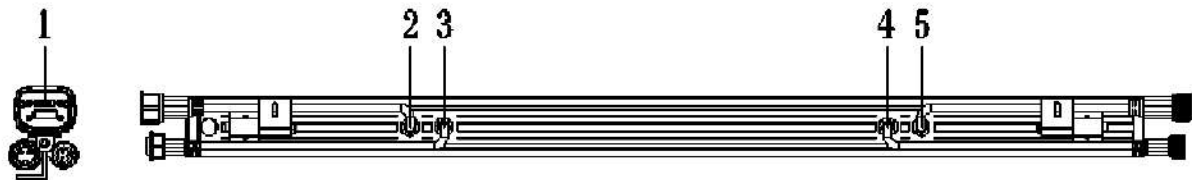
1. Panel operation buttons: 1.MENU 2.UP 3.DOWN

2. Power input: POWER IN Input voltage: 100-240V 50/60HZ

3. DMX input: 3- pin XLR DMX IN for DMX

4. DMX output: 3-pin XLR DMX OUT for DMX

5. Power output: POWER OUT Input voltage: 100-240V 50/60HZ The

following table describes the panel functions:

Displays a description of the panel's features

Function	Instruction	Feature description	Role
MENU	Menu selection	Back to menu	Menu action
UP	Up	Previous option	Change parameter increase
ENTER	Enter	Confirm	Save the final parameters

	Menu

Level 1	Level 2 Level 3
1.DMX address	1-512 cancel enter
2.DMX channel mode	4 channels mode 7 channels mode 8 channels mode
3.Dimming mode	Dimming mode 1 Dimming mode 2 Dimming mode 3
4.Dimming curve	Dimming curve 1 Dimming curve 2 Dimming curve 3 Dimming curve 4

Level 1	Level 2 Level 3
5. LED Dimming frequency	600Hz 1200Hz 2000Hz 4000Hz 6000Hz 25K Hz
6.Manual color	Red 0-255 Green 0-255 Blue 0-255 White 0-255
7.Self-propelled	Self-propelled 0-255 color Self-propelled 0-255 gradient
8.Language	English Chinese

9.Display	Normal
	Reverse
10.Display backlight	On
	30 second
11.Fixture test	Red
	Green
	Blue
	White
12.Factory reset	No
	Yes
13. System information	RDM UID
	Program version
	DMX channel
	Elapsed time
	Time of use
	temperature

Remark:
1. Only one machine can be set as the host in the same signal line, please remove the DMX control signal when using the host function
2. The parameters that can be transmitted from the host when multiple lamps are synchronously controlled include: DMX channel mode, display setting status, operation mode status (including user program data), when transferring parameters, please set the machine as the host, and other machines as slaves

DMX Channel

4 Channel

Channel mode	Function	DMX Value	DMX channel value		
1	Red	0-255	0-100%		
2	Green	0-255	0-100%		
3	Blue	0-255	0-100%		
4	White	0-255	0-100%		

7 Channel

Channel mode	Function	DMX value	DMX channel value		
1	Zoom	0-255	0-100%		
2	Strobe	0-255	0-100%		
3	Red	0-255	0-100%		
4	Green	0-255	0-100%		
5	Blue	0-255	0-100%		
6	White	0-255	0-100%		
7	Color temperature	0-255	0-100%	default light on value1-4/0.4%-1.6%(R GBW controllable)	

8 Channel

Channel mode	Function	DMX value	DMX channel value		
1	Zoom	0-255	0-100%		
2	Strobe	0-255	0-100%		
3	Red 1	0-255	0-100%		
4	Green 1	0-255	0-100%		
5	Blue 1	0-255	0-100%		
6	White 1	0-255	0-100%		
7	Color temperature	0-255	0-100%	default light on value1-4/0.4%-1.6%(RG BW controllable	
8	Macro color	0-255	0-100%		

Channel priority: dimming > built-in program call> user program call>ARGBW dimming>HSV dimming > macro > color temperature

Maintenance

In order to extend the service life of lamps, the maintenance of lamps is very necessary. The outdoor use environment is relatively harsh, or the lamp will be placed for a long time

Water vapor and dust accumulate in the lens cover, lamp shell and other components, and the lamp needs to be cleaned to optimize the light efficiency output, while also preventing dust and acidity

Gas causes corrosion to the housing.

The number of cleaning times depends on the frequency of operation of the luminaire and the surrounding environment. Careful wiping with a soft cloth and general glass cleaning products when cleaning is recommended

Clean at least every 20 days.

Do not wipe the lamp housing with organic solvents such as alcohol to avoid damage.

Troubleshooting

Fault description	Solution
The lamp does not start properly	▷ The power cord is not connected properly ▷ The switching power supply is damaged or the connection is not normal, and professional qualified maintenance personnel are required for maintenance ▷ The control board is not connected normally, and professional qualified maintenance personnel are required to overhaul
The light starts, but the LED is not lit and uncontrolled	▷ The LED mounting plate is not connected normally and needs to be overhauled by professional qualified maintenance personnel
The fixture lights normally, but is not controlled by the controller	▷ Check whether the DMX start address of the fixture is set correctly ▷ Check the XLR signal cable for damage
The light is dim and the brightness drops significantly	▷ The ambient temperature is too high to cause the lamp to overheat, please take necessary ventilation and heat dissipation measures

	Technical parameters
Technical data sheet: Optical parameters Light source Output Color temperature CRI Beam angle	12pcs RGBW 10W LED 7800Lm 3200K Ra>80,R9>80 8715725745°
Dynamic effects Vertical scan	Manual rotation 180°
Pixel matrix Strobe Dimmer	Overall control 0—20Hz 3 dimming curves, 0~ 100% dimming
Power parameters Input voltage and frequency	100—240VAC , 50—60Hz
Power connection	Seetronic, IP65 Power IN/OUT,maximum connection 16pcs @230V
Signal connection	Seetronic, IP65 3-Pin XLR IN/OUT for DMX, maximum number of connections is 32 sets
Whole power Power factor Ambient	120W@230V 0.95/230V -20—45°C
Structural parameters Dimension weight IP rating Heat dissipation system	size: 1000*100*64mm; packing size: 1070*134*130mm N.W: 3.7 kg; GW: 4.7 Kg IP65 natural heat dissipation
Shell Installation method	Aluminium profile, black (color can be customized) vertical hanging, side hanging
Control Control method DMX Channel **Display** Refresh rate	DMX512/ RDM 4CH/7CH/8CH Display with 3 touch buttons 600Hz/1200Hz/2000Hz/4000Hz/6000Hz/25KHz
Accessory standard option	IP65 Power line 1PCS; Mannual 1PCS

Dimension

100

1000

64

64

1000

100

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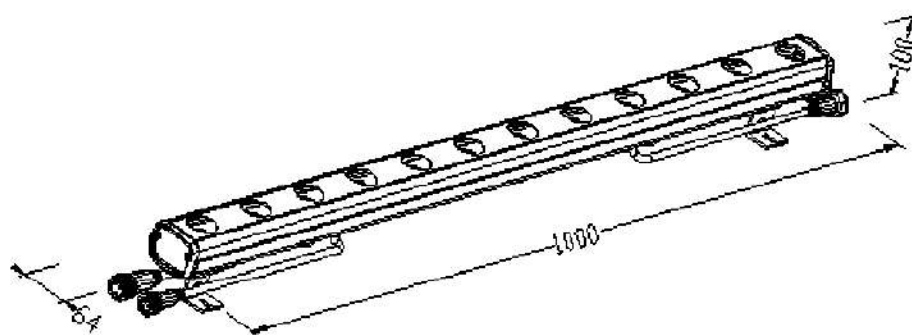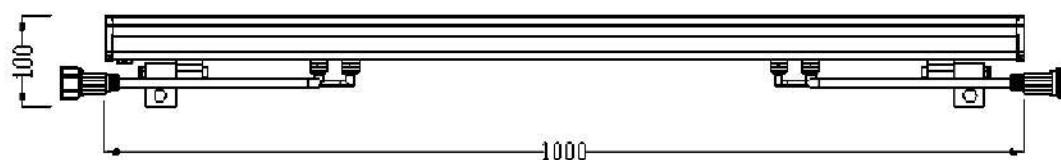
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