

LED 18x10W RGBWA+UV Wash Bar

Item Number: LL1810BAR

USER MANUAL



This user manual includes important information for installation and operation. Please read this user manual carefully to install, operate, and maintain the lighting safely and correctly. A verified technician should do the installation and operation.

Please carefully check for any damages caused by transportation.

Before delivery, this device has passed strict quality control and inspection. Please follow the user manual for proper operation. If this fixture is damaged due to operation error or disregard of this manual, the fixture will be out of warranty, and the manufacturer or dealer will not be held responsible.

Installation:

This unit is for indoor use only. Use only in a dry location. To prevent or reduce the risk of electrical shock or fire, do not expose to rain or moisture. Fixture should be protected from shock, strong vibrations or shaking.

Maximum ambient temperature for operation is between 25°F and 104°F. Do not use under or above this range. Allow fixture to acclimate to room temperature before turning on or transporting. Turn off the power and allow 15 minutes for the unit to cool down before handling. Do not open the unit within five minutes after switching off.

Keep the fixture at least 1.5ft. away from any combustible material, as it is not suitable for direct installation on these surfaces. The unit must be installed in a location with adequate ventilation, at least 20 inches from adjacent surfaces. Ensure that no ventilation slots are blocked. Do not operate in dusty environments.

We advise that an electrician confirms the safety of the electrical data prior to installation. Power off the fixture before installation or maintenance. Before operating, ensure that the voltage and frequency of power supply match the power requirements of the unit.

Rigging:

Insert the quick-lock fasteners of the first holder into the respective holes on the bottom of the device. Tighten the quick-lock fasteners fully clockwise.

Pull the safety rope through the holes on the bottom of the base and fasten it on the truss or other fixing point. Ensure that the fixture is secure and will not drop due to clamp damage.

The truss used for hanging this fixture must be able to hold 10 times the weight of this fixture without deformation one hour after installation. Always use a safety cable that can hold 12 times the weight of the unit. Do not lift the light by the head. Do not stand directly under the fixture while installing, uninstalling or adjusting the fixture.

Product Specifications:

Electrical:

- ☐ Input power: AC100-240V
- ☐ Power frequency: 50/60Hz
- ☐ Power: 210W

Light Source

- ☐ Source: 18x10W RGBWA-UV LED
- ☐ Average lifespan: 50,000 hours

Color System:

- ☐ Color : RGBWA-UV

Electronic:

- ☐ Linear dimming: 0-100% Linear
- ☐ Dimmer Strobe: 1-25Hz

Optics:

- ☐ Beam Angle:15°

Dynamic Effects:

- ☐ 18x10W RGBWA-UV 6in1 LED
- ☐ Various built-in programs

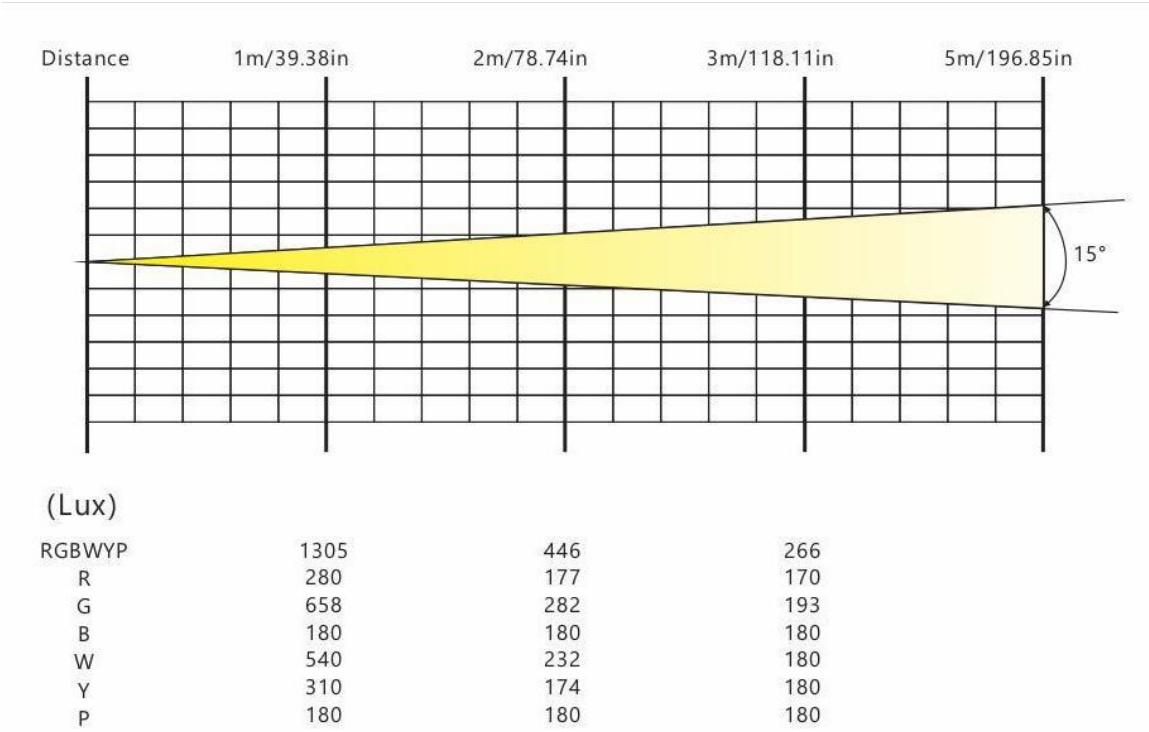
Control:

- ❑ DMX channel:6/10CH
- ❑ DMX connector: DMX 3-Pin XLR input/output
- ❑ Power connector: PowerCon input/output
- ❑ Control mode:DMX/Master-Slave/Auto/Sound

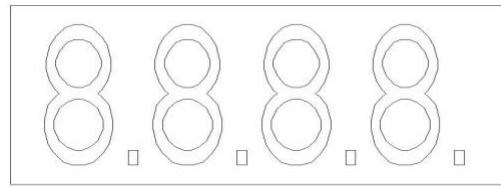
Physical:

- ❑ IP Rating:IP20
- ❑ Housing color: black
- ❑ Working ambient temp.: -10°C to 40°C (-14°F to 104°F)
- ❑ Dimensions:990*140*150mm/39*5.5*5.9in
- ❑ Weight:4.3kg/9.48lb

Photometric Diagram



Display and Operation:



MENU	Display all the functions;exit or return to the
UP	Select the previous item or increase the value.
DOWN	Select the next item or decrease the value.
ENTER	Confirm, save, or execute commands.

The *display panel* has four buttons, allowing for user to set the address, run built-in programs and reset the system.

[MENU]:

Normal Mode: Press to enter edit mode.

Editing Mode: Press to return to the previous menu.

Automatic Exit: If no button is pressed for 30 seconds, the light will automatically exit edit mode.

[Up]:

Normal Mode: Press to increase the address value. Holding down will quickly increase the value.

Automatic Exit: If no button is pressed for 30 seconds, it will exit the flashing status.

Editing Mode: Press to navigate the function menu from bottom to top (see the table below).

[Down]:

Normal Mode: Press to decrease the address value. Holding down will quickly decrease the value.

Automatic Exit: If no button is pressed for 30 seconds, it will exit the flashing status.

Editing Mode: Press to navigate the function menu from top to bottom.

[Enter]:

Normal Mode: No effect.

Editing Mode: Press to enter the next level menu of the current menu function item. Refer to each function menu for specific operations.

Address	A001-A512	DMX address setting, press "DOWN/UP" to modify
Channel	12CH/110CH	Choose between 12 or 110 channel mode.
Sound	Auto	Auto mode for master unit
	Sound	Sound mode for master unit
	SL 1	DMX mode
	SL 2	Slave unit mode
SHnd	0-85	Choose macro effect for master unit
Color	1-32	Choose macro effect color for master unit
Speed	0-100	Set macro effect speed
Sensor	0-100	Set sound sensitivity
R	0-255	Red dimmer
G	0-255	Green dimmer
B	0-255	Blue dimmer
W	0-255	White dimmer
A	0-255	Yellow dimmer
P	0-255	Purple dimmer
LED	OFF	Display OFF in 5 seconds
	ON	Display ON

DMX Chart:

12 Channel Mode

Channel	Value	Function
1	0-255	Master dimmer
2	0-255	Strobe
3	0-255	Red dimmer/macro effect color selection
4	0-255	Green dimmer/macro effect color selection
5	0-255	Blue dimmer/macro effect color selection
6	0-255	White dimmer/macro effect color selection
7	0-255	Amber dimmer/macro effect color selection

8	0-255	UV dimmer/macro effect color selection
9	0	No function
	1-182	Effect (0-60), background color selection
	183-255	Effect (61-85 multi color auto), background color
10	0-255	Macro effect speed
11	0-255	Macro effect background color
12	0-255	Background color dimmer

110 Channel Mode

Channel	Value	Function
1	0-255	Master dimmer
2	0-255	Strobe
3	0-255	LED 1 red dimmer
4	0-255	LED 1 green dimmer
5	0-255	LED 1 blue dimmer
6	0-255	LED 1 white dimmer
7	0-255	LED 1 yellow dimmer
8	0-255	LED 1 purple dimmer
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105	0-255	LED 18 red dimmer
106	0-255	LED 18 green dimmer
107	0-255	LED 18 blue dimmer
108	0-255	LED 18 white dimmer
109	0-255	LED 18 amber dimmer
110	0-255	LED 18 UV dimmer

Symbol Instruction on Fixture:



CE certificate



RoHS certificate