LED 4x100 CW/WW
Blinder

Item Number: LL4100BL

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 safety 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 manufacture or dealer will not be held responsible.

Installation:

Ensure the fixture is powered off before installation or maintenance. Keep the fixture at least 1.5ft. away from any combustible material, as it is not suitable for direct installation on these surfaces.

The applicable temperature for this fixture is between 25°F to 104°F. Do not use the fixture under or above this temperature range.

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. Do not stand directly under the fixture while installing, uninstalling or adjusting the fixture.

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 fixture. Tighten the quick-lock fasteners fully clockwise.

Fix the clamp on truss.

Pull the safety rope through the holes on the bottom of the base and fasten it on the truss or other fixing point.

Product specifications:

Voltage: 100-240V，50/60HZ

Power Consumption: 310W

LED: 4*100W LED WW/CW + 96*5050 LED

Operation mode: master-slave/DMX512/Auto/Sound

DMX Channel: 2 options (CH40/CH41, refer to the channel table)

Dimming: 0-100% linear dimming

Feature: strobe, effect

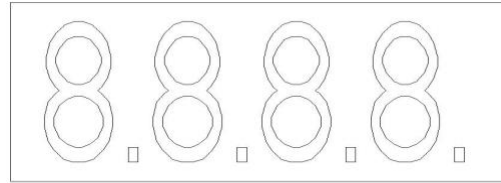Working temperature: 25º - 104º F

Strobe: 1-25 Hz

Appearance: Metal, Black

Connection method: DMX512 input and output / power input and output.

IP rating: IP20

Display and Operation

MENU	Select function
UP	Increase value
DOWN	Decrease value
ENTER	Confirm and save

Display Operation Interface:

A001	➡	A512	Set the address code, modify the address code (A001 - A512) up or down, and ENTER to save.
FF20	➡	FF99	Gradual change, modify the speed (FF00 - FF99) up or down,and ENTER to save.
EE20	➡	EE99	Pulse change, modify the speed (EE00 - EE99) up or down, and ENTER to save.
CC20	➡	CC99	Jump, modify the jump speed (CC00 - CC99) up or down, and ENTER to save.
Soud	➡	Soud	Sound control mode
R255	➡	R000	WW ① LED dimming, adjust LED brightness up or down (R000 - R255), ENTER to save.
G255	➡	G000	WW② LED dimming, adjust LED brightness up or down (G000 - G255), ENTER to save.
B255	➡	B000	CW① LED dimming, adjust LED brightness up or down (B000 - B255), ENTER to save.
W255	➡	W000	CW ② LED dimming, adjust LED brightness up or down (W000 - W255), ENTER to save.
P255	➡	P000	WW③ LED dimming, adjust LED brightness up or down (R000 - R255), ENTER to save.
O255	➡	O000	WW④ LED dimming, adjust LED brightness up or down (G000 - G255), ENTER to save.

C255	➡	C000	CW③ LED dimming, adjust LED brightness up or down (B000 - B255), ENTER to save.
Y255	➡	Y000	CW④ LED dimming, adjust LED brightness up or down (W000 - W255), ENTER to save.
T000		T---	Display temperature, such as T045, it means the current lamp temperature is 45℃; T--- is displayed if 10K thermistor is not installed; Displaying TEMP means entering the temperature protection state.

Factory Setting:

At any address code A001 - A512, press the menu key for 3 seconds to enter the factory setting. The factory settings are mainly the output power of each channel of the lamp, the fan setting mode, the setting of the temperature protection point, and the function of sending parameters. Press the menu key for 3 seconds to exit.

R220	➡	R020	WW⊖ LED dimming, adjust LED brightness up or down (R020 - R255), ENTER to save. Default R-220
G220	➡	G020	WW⊖ LED dimming, adjust LED brightness up or down (G020 - G255), ENTER to save. Default G-220
B220	➡	B020	CWLED dimming, adjust LED brightness up or down (R020 - R255), ENTER to save. Default B-220
W220	➡	A020	CW⊖ LED dimming, adjust LED brightness up or down (W020 - W255), ENTER to save. Default W-220
P220	➡	P020	WW⊛ LED dimming, adjust LED brightness up or down (R000 - R255), ENTER to save. Default P-220
O220	➡	O020	WW④ LED dimming, adjust LED brightness up or down (G000 - G255), ENTER to save. Default O-220
C220	➡	C020	CW⊛ LED dimming, adjust LED brightness up or down (B000~B255), ENTER to save. Default C-220
Y220	➡	Y020	CW④ LED dimming, adjust LED brightness up or down (W000 - W255), ENTER to save. Default Y-220
FA-0	➡	FA-1	Fan setting: the FA-0 light on to start the fan, the FA-1 reaches the set temperature protection point to start the fan, and ENTER to save.
T040	➡	T105	Set the temperature protection point, modify the parameters up or down (104°F - 221°F), and ENTER to save. Default T-60
CH40	➡	CH41	Channel setting, modify the channel up or down, CH40-CH41, save with the confirmation key (default CH40).
Send	➡	Send	Send the factory setting parameters of the machine up or down to all other connected lamps. Press the MENU key for 3 seconds to confirm the sending parameters to exit. Press the ENTER key to cancel the sending when denying the parameters.

DMX Channel Table:

17 Channel (CH40 Default)

17CH	Function	Value	Description
1	Dimming	0-255	Total dimming 0-100%
2	Strobe	0-255	Strobe, from slow to fast
3	WW	0-255	WW Dimming
4	WW	0-255	WW Dimming
5	CW	0-255	CW Dimming
6	CW	0-255	CW Dimming
7	WW	0-255	WW Dimming
8	WW	0-255	WW Dimming
9	CW	0-255	CW Dimming
10	CW	0-255	CW Dimming

11	LED ring A	0-4	No effect
		5…229	Effect 1….Effect 75
		230-249	LED ring A- effect
		250-255	LED ring A- Sound control
12	LED ring B	0-4	No effect
		5…229	Effect 1….Effect 75
		230-249	LED ring - effect
		250-255	LED ring - Sound control
13	LED ring C	0-4	No effect
		5…229	Effect 1….Effect 75
		230-249	LED ring - effect
		250-255	LED ring - Sound control
14	LED ring D	0-4	No effect
		5…229	Effect 1….Effect 75
		230-249	LED ring - effect
		250-255	LED ring - Sound control
15	LED ring ABCD	0-4	No effect
		5-7	Effect 1
		8-10	Effect 2
		11-13	Effect 3

		14-16	Effect 4
		…	…
		224-226	Effect 74
		...227-229	Effect 75
		230-249	LED ring -total effect
		250-255	LED ring - Sound control
		0-49	No effect
		50-99	Jump
16	Macro	100-149	Gradual change
		150-199	Pulse change
		200-255	Sound control
17	Speed	0-255	Macro function or ring speed

7 Channel (CH 41)

7CH	Function	Value	Description
1	Dimming	0-255	Total dimming 0-100%
2	Strobe	0-255	Strobe, from slow to fast
3	WW	0-255	WW Dimming
4	CW	0-255	CW Dimming
5	LED ring	0-4	No effect
		5-7	Effect 1
		8-10	Effect 2
		11-13	Effect 3
		14-16	Effect 4
		…	…
		224-226	Effect 74
		227-229	Effect 75
		230-249	LED ring -total effect
		250-255	LED ring - Sound control
6	Macro	0-49	No effect
		50-99	Jump
		100-149	Gradual change
		150-199	Pulse change
		200-255	Sound control
7	Speed	0-255	Macro function or ring speed

Symbol Instruction on Fixture:

 CE certificate

 RoHS certificate