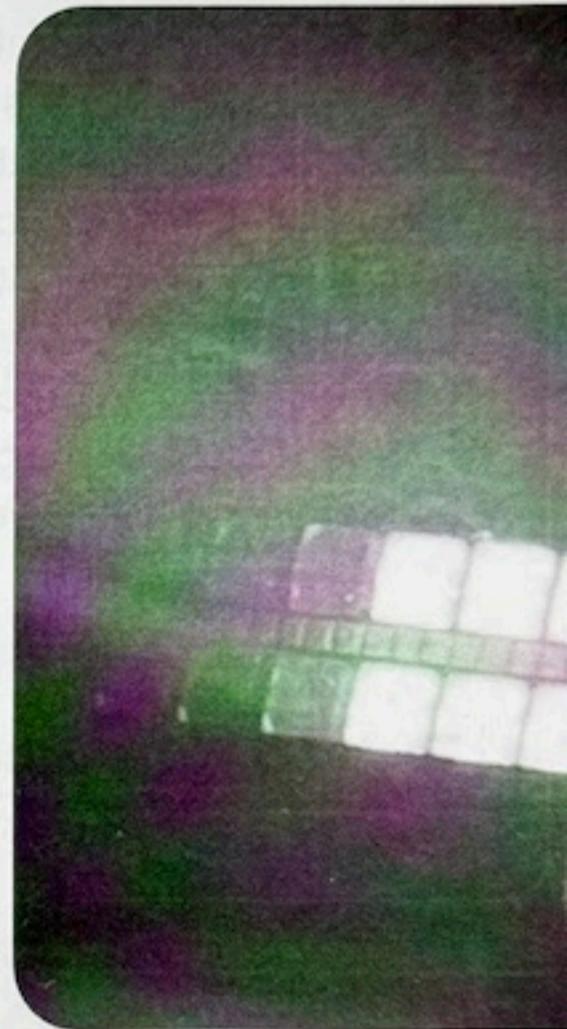
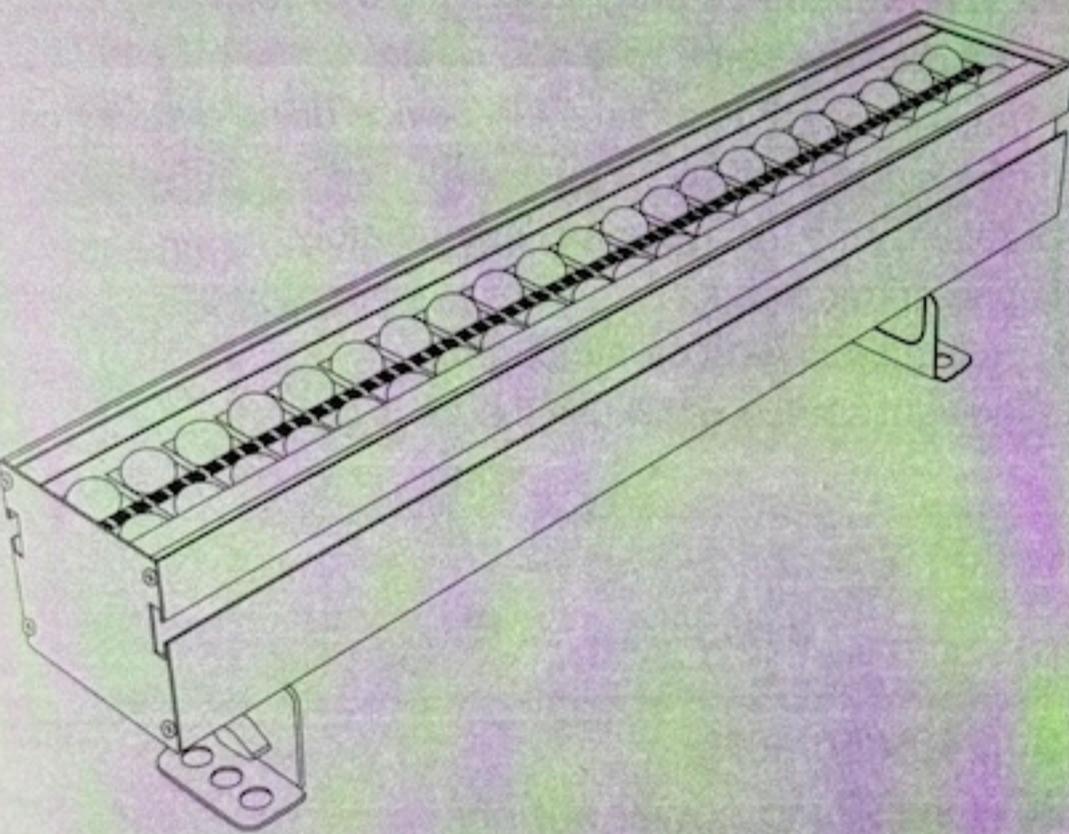




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# Big Dipper

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# *User Manual*

**14+21 segment double-row light curtain lamp**

**Model: LF1421**

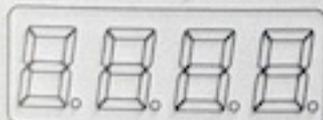
- Please read the following notes carefully because they include important safety information about the installation, usage, and maintenance of this product.
- Always make sure that the voltage of the outlet to which you are connecting this product is within the range stated on the decal or rear panel of the fixture.
- This product is for indoor use only! To prevent risk of fire or shock, do not expose this fixture to rain or moisture.
- Make sure there are no flammable materials close to the unit while operating.
- Always install this product in a location with adequate ventilation, at least 20 inch (50 cm) from adjacent surfaces.
- Be sure that no ventilation slots on the unit's housing are blocked.
- Always disconnect this product from the power source before cleaning it or replacing fuse.
- Make sure to replace the fuse with another of the same type and rating
- If mounting this product overhead, always secure it to a fastening device using a safety cable.
- The maximum ambient temperature (Ta) is 104°F (40°C).
- In the event of a serious operating problem, stop using the unit immediately.
- Make sure the power cord is not crimped or damaged.
- Never disconnect the power cord by pulling or tugging on the cord.
- Always avoid direct eye exposure to the light source when this fixture is on.

## Technical Specifications

Power supply	AC 110V/240V 50/60Hz, 12V-120W switching power supply.
Light source	42 3535 three-in-one 3w ceramic lamp beads 63 7070 /1W white light.
Light emergent angle	4°
Control system	Auto/ Sound/DMX512/ Master-slave
Outer shell	Aluminum profile itself dissipates heat, with good heat conduction effect, and 12V silent fan.
Rating power	90W
Waterproof grade	IP25
Lamp size	549*93.5*154mm
Channels	4/16/63 CH, 16 channels by default.
N.W.	3.1KG

## Button Instruction

Note: Only the "A001" and "AUxx" main menus have submenus



MENU UP DOWN ENTER

<MENU>	Press it to find an operation mode or to back out of the current menu option
<UP>	Use it to scroll up the list of options or to find a higher value
<DOWN>	Use it to scroll down the list of options or to find a lower value
<ENTER>	Use it to activate a menu option or a selected value

## Description of the channel

4CH	Channel value	Function
1	000-255	Red light
2	000-255	Green light
3	000-255	Blue light
4	000-255	white light
16CH	Channel value	Function
1	000-255	Dimming
2	000-255	Red green blue flicker
3	000-255	Red light
4	000-255	Green light
5	000-255	Blue light
6	000-255	Red Green Blue Mode (with 85 built-in effects)
7	000-255	Red Green Blue Speed
8	000-255	White light flicker
9	000-255	white light
10	000-255	White light mode (with 63 built-in effects)
11	000-255	White light speed
12	000-255	Red green blue white flicker
13	000-255	Red green blue white mode (combining 85 RGB effects with 63 W effects)
14	000-255	Red Green Blue White Speed
15	000-255	Background color
16	000-255	Background color tone light
63CH	Channel value	Function
1	000-255	The first segment of the red light bead dims linearly.
2	000-255	The first segment of green light beads dims linearly.
3	000-255	The first segment of the blue light bead dims linearly.
...	...	... ..
40	000-255	The 14th segment has a linear dimming of red light beads.
41	000-255	The 14th segment has a linear dimming of green light beads.
42	000-255	The 14th segment has a linear dimming of blue light beads.
43	000-255	The first segment of white light beads dims linearly.
44	000-255	The second segment of white light beads dims linearly.
45	000-255	The third segment has a linear dimming of white light beads.
...	...	... ..
63	000-255	The 12th segment has a linear dimming of white light beads.

## Digital tube display menu description

A001-A512	Modify the address code (A001~A512) up or down, confirm and save, default to A001.
CH04-CH48	Modify channels CH04, CH16, and CH63 up or down, confirm and save, default to CH16.
FH00-FH99	FH00 does not flash, the larger the FH01-FH99 value, the faster the flash.
WL01-WL71	Color selection.
E001-E085	Modify RGB built-in effects up or down, confirm key to save, default E085.
SP01-SP99	Modify the running speed of RGB built-in effects (SP01~SP99) up or down, confirm and save, default SP80.
N001-N063	Modify the built-in white light effect up or down, confirm to save, default N063.
NP01-NP99	Modify the running speed of the built-in white light effect (NP01~NP99) up or down, confirm and save, default to NP90.
SU01-SU02	SU01 voice controlled strobe, SU02 voice controlled self-propelled.
R255-R000	Modify the brightness of the red light bead up or down (R000~R255), confirm and save, default to R255.
G255-G000	Modify the brightness of the green light beads up or down (G000~G255), confirm and save, default to G255.
B255-B000	Modify the brightness of the blue light beads up or down (B000~B255), confirm and save, default to B255.
W255-W000	Modify the brightness of the white light beads up or down (B000~B255), confirm and save, default to B255.

## Master Slave Instructions

Automatically receive slave signals in A001 state without the need for additional settings.