EXALITE

EXL-L Profile 19° WW+CW 200W

USER MANUAL

CE RoHS

OVERVIEW

Thank you for using our product, this unit is designed for indoor using, it's widely used for stage, building, disco, etc. as high power led effects lighting, this unit can be operated as a single unit or multiple units for large applications. Direct input of DMX512 signal to unit to allow it controlled by any DMX controller, powerful internal programs and friendly and convenient operation interface allows customers to program freely to any different lighting project requirements for installation or showing.

This high power par can has gotten the nice sculpt, efficient, save electricity and durable。

This product complies with the following standards:

EN61000-3-2:2006+A2:2009
EN60598-1:2008+A11:2009

Technical Parameter:

• Power Supply: AC100V-240V, 50/60Hz
• Power Consumption: Max. 260W
• LED: 200w 2in1 Cool white + Warm White Color
• LED Life time: over 50,000 hours
• High quality optical system
• Beam Angel: 19°
• High-quality optical system   , Glass reflector
• Control Mode: DMX, Auto run and Master/Slave
• DMX Channels: 2/ 5CH
• Housing: Plastic , Color: Black
• IP Rating: IP20
• N.W.:6 kgs
• G.W.: 8kgs
• Dimensions : 660x285x295mm

1. Product Introduction

1.1. Product Feature

➢ **2 kinds of running model**
- External control mode (Slave model)
  - ◆ DMX 512 controller control(2 kinds channel modes)
  - ◆ Master/salve model control (auto match the signal from controller and the Master light, no need to set by menu)
- static mode (Master model)
  - ◆ It can fix any color without the controller ,also work this color with strobe

➢ **Non-linear dimmer and linear dimmer**
- The speed of dimmer can be set under the controller control

➢ **Screen Protect**
- It will enter blank screen without any operate on the keyboard in 30 seconds . Press any keys then it can quit screen protection.

➢ **Temperature Protection**
- It can be set to temperature protection mode

➢ **Speed of the Fan**
- The fan will start to work when the working temperature reach 40 degree, and the speed will be changed according to the change of temperature.

➢ **Can be Reverse display**

1.2. Multi-light working in the same time

When using controller to control multi lights to work in strobe, the controller just send the channel data . The strobe effect will be depend on each light itself . And please take attention for the follow situation:

1. There will be many situations make the lights are not synchronization in the beginning. (For example: the different time of opening the light , or different time of them connect to the controller) .In this case,   you can change value of the controller(for example push 20 to 0, and back to 20), then it can be synchronization.

2. Due to crystal frequency of different lights are not the same exactly, so it may   not be synchronization after long time.

3. If need to keep synchronization for long time, there are two ways to do so:

A. Using the controller to edit program make the strobe, auto run effect,then they must be synchronization.

B. Using the Maser/Slave model

2. Operation

2.1. Menu Data

MEUN	SUB MRUN	DISPLAY	KEY OPERATION
Standard channel mode (5 channel)		DMX(5CH) Addr:001	Press UP/DOWN to change the DMX address
Basic channel mode (2 channel)		DMX(2CH) Addr:001	Press UP/DOWN to change the DMX address
Static mode	Dimmer (warm white)	Static > Warm :000	Press "UP/DOWN" to dimmer Press "ENTER" change to sub menu
	Dimmer (cool white)	Static > Cool :000	Press "UP/DOWN" to dimmer Press "ENTER" change to sub menu
	Strobe	Static > Strob:00	Press UP/DOWN to change the speed of strobe Press "ENTER" change to sub menu
Temperature control	The current temperature	Temp > Curr: 0	Press "ENTER" change to sub menu
	Setting protection of temperature	Temp > Top :080	Press UP/DOWN to change the temperature Press "ENTER" change to sub menu
Revert to default settings		Reset	Press "ENTER" , and press password as below
		Reset Pwd:	Press UP/DOWN to input password, each time you press the password, it will show "*"
		Reset Pwd:****	Press "ENTER" to comfirm password,it will revert to default setting once the password is correct, otherwise it will delet all the "*"

Notice ：

1) If the first line of menu shows">" , it means there has sub menu can change by "ENTER"

2) The password is"UP、DOWN、UP、DOWN".

2.3. Channel data

2.1.1. Standard channel model

Channel	Data	Function	Mark
1	0~255	Dimmer	
2	0~255	Warm white	
3	0~255	Cool white	
4	0~10	Default dimming delay	
	11~15	Without dimming delay	
	16~255	Optional dimming delay	"16" the time delay is shortest,"255" longest
5	0~10	No strobe	
	11~255	The speed of strobe from slow to fast	

2.1.2. Basic channel model

Channel	Data	Function
1	0~255	Warm white
2	0~255	Cool white

3.Photographic Chart

3.1 Spectrogram
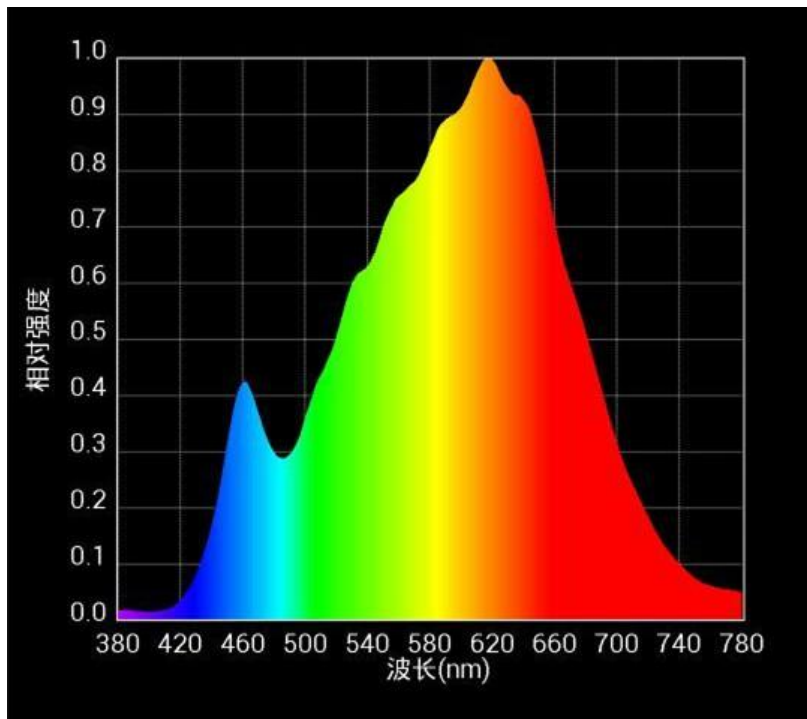
3.2 CRI
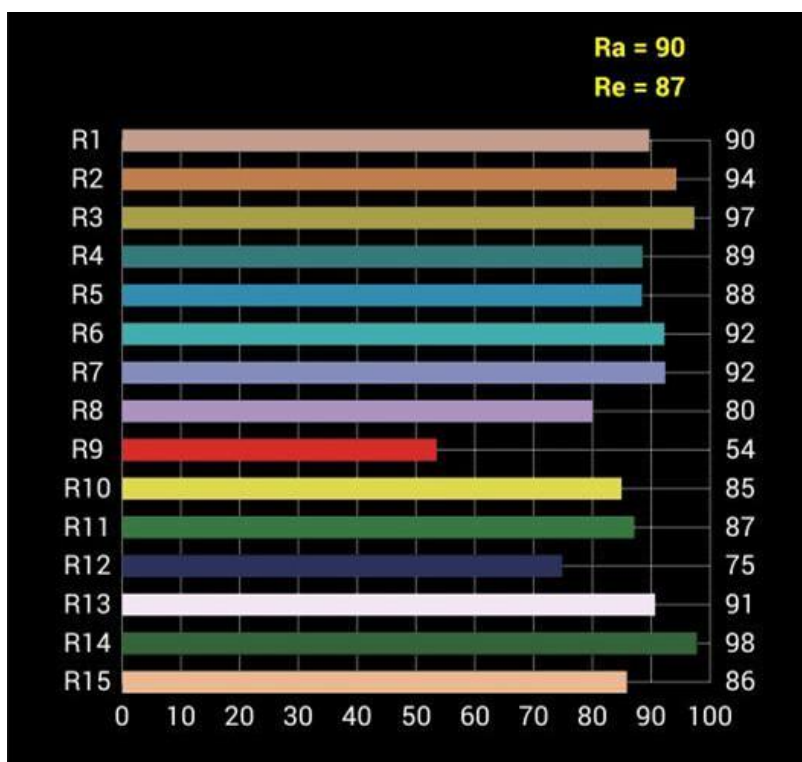
SAFETY WARNING

1. Warning

* Every person involved with the installation , operation and maintenance of this device has to be qualified .

* User must follow the instructions of this manual

* Unqualified person can not open the housing cover and operate the device , or the dealer will not accept liability for any resulting defects or problems.

* The device against rain and moisture

2. Waring notes :

* Power supply : AC 100V-240V , 50/60Hz

* Make sure the power switch is off , the power plug , outlet and the earth connection is in well condition before connecting the device with the mains.

* Please use qualified power plug and the outlet. Never connect the power cord of this device with other electrical equipment.

* During move and installation , make sure the device not crashed with metal parts and other tough materials.

* Always disconnect from the mains, when the device is on the installation and dismantled

* The minimum distance between light-output and the illuminated surface must be more than 50cm

* The device must only be installed on a non-flammable surface . In order to safeguard sufficient ventilation , leave 50cm of free space around the device . Please note that heat-sensitive objects may be deformed or damaged by the emitted heat .

* During the operation the housing becomes very hot ! Do not operate the device for 15 minutes after switching off .

* The maximum ambient temperature Ta = 45℃ must never be exceeded , The maximum housing temperature Tb = 80℃ must never be exceeded .

* For indoor use

* Replace any visible cracked protective shield , filters and lens .

* The protective shiel, filters and lens will require weekly cleaning as smoke "Cfluid tends to building up residues , reducing the light "Coutput very quickly.

APPENDIX

Problem and solution

Problem	Reason	Resolution
Device not work	No power	AC100V-250V,50HZ/60HZ Check the power connection, and make sure device connect the mains in well condition. Check if switch is on Check if the fuse is good
Led bulb is off	led bulb damaged	Replacing led bulb
	Led driver board damaged	Replacing led driver board
	temperature swtich damaged	Replacing temperature switch
Fans not work	Fans damaged	replacing fans

Caution :

 * Unqualified person involved with installation , operation and maintenance of this device is prohibited .

 * If any above mentioned problem happened , or unknown problem happened , please contact manufacturer or distributor for assistance

DISCLAIMER

1. The device is with one year warranty . The warranty period appear non-artificial quality problem, this company is responsible for free maintenance

2. User violate operation caused the machine failure, this is user responsibility.

3. If due to the wrong operation or intense impact caused product destroy even safety accidents, the manufacturer does not undertake any responsibility

4. Prohibit replaced product components by any person, therefore caused any consequences will be whose responsible

Please contact us freely when you need our related products or in formations...