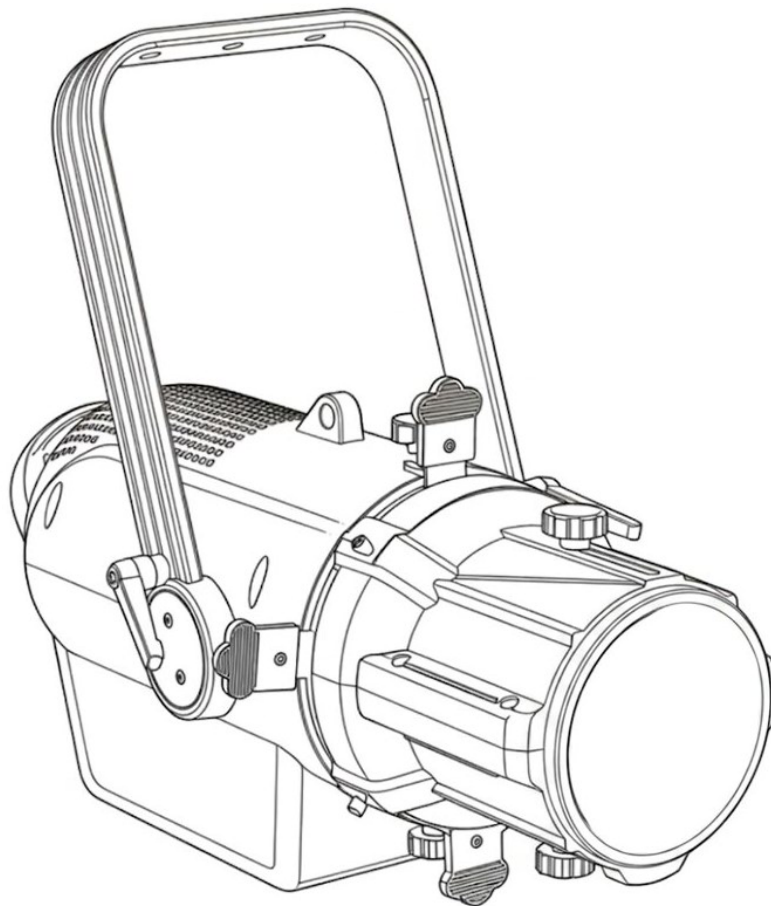


PRO400RGBLAC

Ellipsoidal Spot Light



USER MANUAL

- Be sure to read the USER MANUAL carefully before using this product.
- Be sure to keep the USER MANUAL properly for future needs.
- Use this product correctly when you can fully understand the User Manual

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1. Before you work



WARNING

Please read the instructions carefully which includes important information about the installation, operation and maintenance.

1.1 Packing instructions :

When you get this product, please take it from carton carefully to make sure whether all the accessories are in and damaged or not. When you find that there are any parts or wrong sign with the carton, or non-operation, please inform us and to keep the carton and shipping bill completely.

1.2 AC Power:

Please check the manual before you operate the light. The rating current of the light listed which shows the average current-consume under the normal circumstances.

All the lights must be offered shoot-through circuit, it could not be connected dimmer circuit, although the dimmer channels are completely for 1-100% switch.

Before the light's working, please confirm the correct voltage.

1.3 Safety instruction:

Please confirm the same voltage to the light.

Please confirm there is no flammable material around the light.

The light must be set up the ventilating place. The distance is $\geq 51\text{cm}$ around approach material.

To check the air passage is ok at any time.

The Maximum temperature is $\leq 40^{\circ}\text{C}$ (104°F).

When the lights has problems, please stop to use to contact the supplier. Don't repair it by yourself!

Don't connect by a dimmer.

To confirm the power wire is straight and non-damaged. Don't pull it directly.

Don't look at the bulb when the light is working to avoid any hurt.

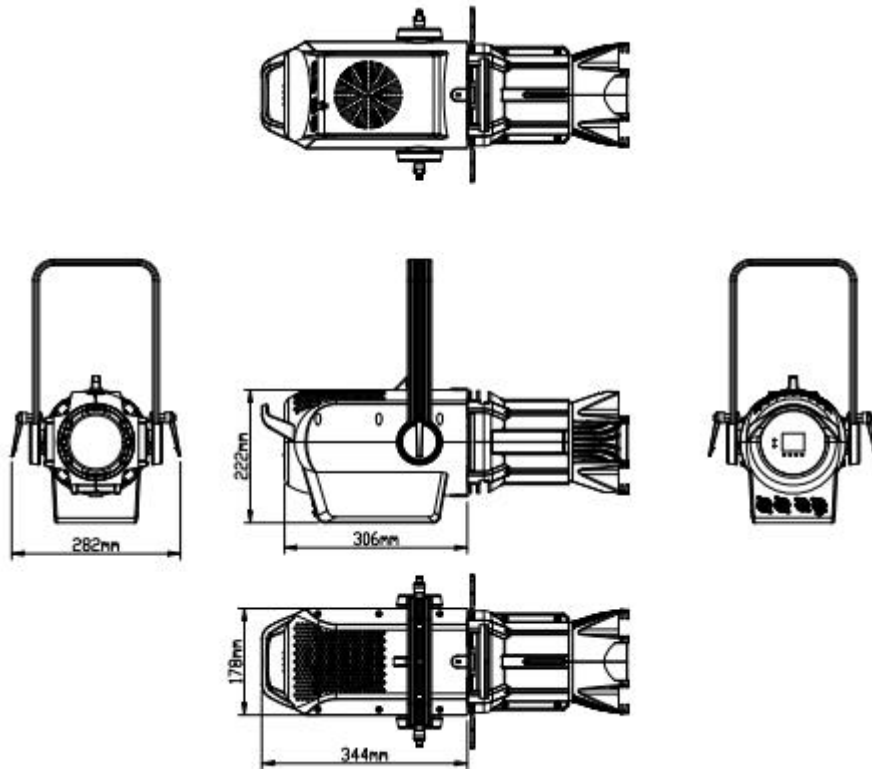
Installation:

The light fixture should be bolted to the quick-lock hook. To ensure that the installation is firmly, in order to prevent vibration and slip during operation. Also make sure that the structure attached to the light fixture can support 10 times the weight of it. At the same time, a safety line is used to support 12 times the weight of the light fixture.

The installation of the light fixture should be carried out by professionals, and should be installed in places that are not accessible to people or where no one will casually pass by.

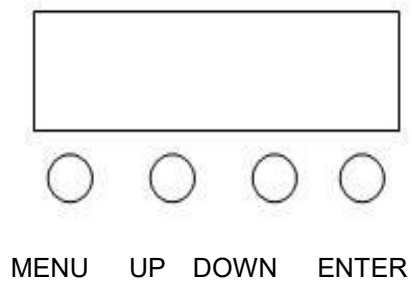
2. Specification

Input voltage	AC100-240V, 50/60HZ
Power consumption	350W with fan, 150W fan closed
Led source	400W RGBLAC COB led
CCT	2000K-10000K
Color rendering	CRI (average): ≥90
Dimming curve	4 kinds
PWM	2-19K
Angle	19°/26° /36°/50° optional
Control mode	DMX512/RDM
Dmx channel(manual)	6CH/9CH/11CH
material	Aluminum die-cast+aluminum alloy
cooling	Low noise smart fan
Power connection	Ture 1 in/out
Dmx connection	5pin XLR in/out
installation	Clamp or 28mm casing pin(optional)
dimension	616*282*437mm
N.W	12.3kg
IP rate	IP20
gobo	optional



3.How to set the unit

Control menu



Button:

MENU	Go to menu selection
DOWN	Go to the next option
UP	Go back to the previous option
ENTER	Confirm the selected MENUtion

4.How to control the unit

Turn on the light fixture, press the MENU button to enter the MENU mode, when the preset menu is displayed on the display screen, press ENTER to confirm, use the UP and DOWN to select the sub menu, press the ENTER to save the settings or automatically return to the upper menu.

The main MENU are as followings:

1st menu	2nd menu	range	Default value
DMX Address	DMX Address	1~512	1
DMX Mode	7CH		11CH
	9CH		
	11CH		
Manual Mode	Dimmer	0~255	255
	Strobe	0~255	0
	Red	0~255	0
	Green	0~255	0
	Blue	0~255	0
	Lemon	0~255	0
	Amber	0~255	0
	Cyan	0~255	0
	CCT	Null	Null
		2000~1000K	

	Color Macro	Null	Null
		Color1~Color 42.	
Setting	Signal	Clear	Clear
		Keep	
	Backlite	On/Off	On
	Display Lock	On/Off	off
	Dimming Curve	Linear	Linear
		Square	
		Log	
		S-Line	
	Dimming Hz	2-25K	14K
	Dimming Bit	8Bit/16Bit	16Bit
	Dimming Mode	Stage	Stage
		Theatre	
		Meeting	
	Fan Mode	Smart	Smart
		Max	
		Silent	
	Reset	Yes/No	No
	Display Flip	Yes/No	No

Backend administrator menu

RED CURRENT	020--255	210
GREEN CURRENT	020--255	235
BLUE CURRENT	020--255	235
LEMON CURRENT	020--255	250
AMBER CURRENT	020--255	235
CYAN CURRENT	020--255	235
POWER LIMIT	050-255	200
TEMP LIMIT	40--80	60
FAN SPEED	01-10	10
LANGUAGE	中文/ENGLISH	ENGLISH
PUSH	Yes/No	No

DMX setting

Select DMX Settings, press the MENU to enter Menu mode, and press UP or DOWN to select: DMX Address or Channel mode. Press ENTER to save.

DMX address

Select the DMX address and press the MENU button to enter. Press UP or down to adjust the DMX address (1~512). Once the desired DMX address is selected, press the ENTER to save.

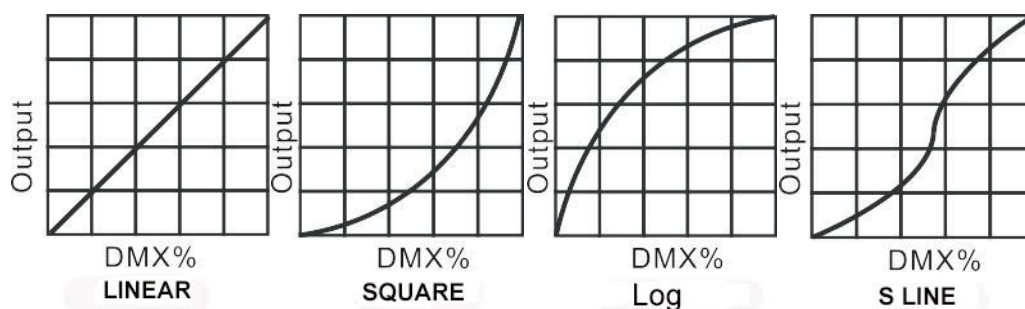
Channel mode

Select Channel mode and press the MENU button to enter. select: 6CH/8CH/10CH then press ENTER to save.

Dimming curve

Select the dimming curve and press the MENU to enter. Press UP or DOWN to select: linear, square,, Log, or S-Line.

Curve details check below:



Mode 1 (Linear) : With the increase of DMX value, the increase of light intensity tends to be linear:

Mode 2 (Square) : The lines are finer when the light intensity is controlled at a low value. The line is thicker when the value is high:

Mode 3 (Log) : The lines are thicker when the light intensity is controlled at a low value. In the high value of the line is thinner:

Mode 4 (S-Line) : The light intensity is controlled at low and high values with fine lines, and at intermediate values with thick lines.

DMX address setting

When using a universal DMX controller to control a light fixture, you need to set the starting address (1-512) for the light so that the light can receive the DMX signal.

Press the MENU enter MENU mode, select DMX settings, press ENTER to confirm, select DMX address, press ENTER to confirm, the current address will be displayed on the display screen, and then use the UP or DOWN to select the address code (1-512), press ENTER to save.

Please refer to the chart below to set the address of the first 4 fixtures:

Channel mode	fixture 1 DMX address	fixture 2 DMX address	fixture 3 DMX address	fixture 4 DMX address
6 CH	1	7	13	19

9 CH	1	10	19	28
10CH	1	11	21	31

DMX512 channel:

6CH mode

Channel	Function	Description
1	Red	From dark 000 to bright 255
2	Green	From dark 000 to bright 255
3	Blue	From dark 000 to bright 255
4	Lemon	From dark 000 to bright 255
5	Amber	From dark 000 to bright 255
6	Cyan	From dark 000 to bright 255
7	Fan mode	000: screen value 001-100: smart 101-200: max 201-255: silent

9CH mode

Channel	Function	Description
1	Dimmer	From dark 000 to bright 255
2	Strobe	From Slow to Fast

3	Red	From dark 000 to bright 255
4	Green	From dark 000 to bright 255
5	Blue	From dark 000 to bright 255
6	Lemon	From dark 000 to bright 255
7	Amber	From dark 000 to bright 255
8	Cyan	From dark 000 to bright 255
9	Fan mode	000: screen value 001-100: smart 101-200: max 201-255: silent

11CH mode

Channel	Function	Description
1	Dimmer	From dark 000 to bright 255
2	Strobe	From Slow to Fast
3	Red	From dark 000 to bright 255
4	Green	From dark 000 to bright 255
5	Blue	From dark 000 to bright 255
6	Lemon	From dark 000 to bright 255
7	Amber	From dark 000 to bright 255
8	Cyan	From dark 000 to bright 255
9	CCT	000: no function.

		001~255: 3000K~5600K.
10	Color Macro	000: no function.
		001~255: Color Macro 1 ~ 42.
11	Fan mode	000: screen value 001-100: smart 101-200: max 201-255: silent

5.Troubleshooting:

Following are a few common problems that may occur during operation. Here are some suggestions for easy troubleshooting:

- **The fixture does not work, no light**

1. Check the connection of power and main fuse.
2. Measure the mains voltage on the main connector.

- **Not responding to DMX controller**

1. DMX LED should be on. If not, check DMX connectors, cables to see if link properly.
2. If the DMX LED is on and no response to the channel, check the address settings and DMX polarity.
3. If you have intermittent DMX signal problems, check the pins on connectors or on PCB of the fixture or the previous one.
4. Try to use another DMX controller.
5. Check if the DMX cables run near or run alongside to high voltage cables that may cause damage or interference to DMX interface circuit.

- **Channel is faulty**

1. The stepper motor or motor lead may be damaged.
2. The drive circuit of the motor may be damaged.

6.Fixture cleaning:

The cleaning of internal must be carried out periodically to optimize light output. Cleaning frequency depends on the environment in which the fixture operates: damp, smoky or particularly dirty surrounding can cause greater accumulation of dirt on the fixture's optics.

- Clean with soft cloth using normal glass cleaning fluid.
- Always dry the parts carefully.
- Clean the external optics at least every 20 days. Clean the internal optics at least every 20 days