
IP65 19*20w RGBW LED Moving Light

User Manual



This manual contains important information.
Please read before operating fixture.

1 SECURITY TIPS

WARNING!!! To reduce the risk of fire, electric shock, or injury to persons, follow these important safety instructions:

- Non-professionals, not to disassemble the light arbitrarily and lighting accessories inside.
- Rated voltage range: AC110V-120V/60Hz or AC200V-240V / 50HZ (to be selected).
- Not beam irradiate the flammable materials, flammable materials and the lamp should be maintained at least 1M over the distance.
- Lamps used in ambient temperature: -15 °C -40 °C, the highest temperature of the surface of the lamp: 60 °C.
- To keep away from the liquid substance and humid environment.
- Before using the lights must ensure the good grounding, can not install charging and remove any parts.
- The installation of lights, must be fixed screw fasteners with additional security cable and regular inspection.
- Lamps consecutive working hours is not recommended more than 10 hours.
- Should stop using the lights in time when happens unusual conditions during the process.
- Lamp parts of the rotation, external accessories and paste parts should be regular inspected, such as the emergence of loose and rock, should be reinforced in a timely manner to prevent the accident.
- Lamps adopt strong winds to refrigerate, it is easy to accumulate the dust, so you have to clean it weekly especially the cooling air opening, otherwise the dust will plug leading to poor light.

2 TECHNOLOGY DETAILS

Input Voltage: AC90-260V 50/60Hz

Power Consumption: 250W

Main Light Source: 19pcs 20w RGBW 4in1 LEDs

Main Light Feature: 3-rings LED control individual.

LED ring: 72pcs 0.12w RGB 3in1 LEDs

LED Life time:20000hours

Optics: High-efficiency concentrating light guide column + integrated high-transparency acrylic lens.

Zoom range:12-49°

CRI:66

CTC: 6800K

Illuminance: 1854lux@10m(beam); 128lux@10m(wash)

Control mode:DMX512,Master-slave,Auto, RDM

Channel: 18/26CHs

Feature: With Zoom Beam wash effect, Color mixing, with led ring

Dimmer: 0-100% smoothly dimmer

Strobe: 1-20Hz/s strobe effect with variable speed

Display:LCD display with 5buttons

Pan movement:540°, 16bit

Tilt movement: 270°, 16bit

Cooling: Waterproof low noise,Efficient integrated die-cast aluminum radiator

IP rate: IP65 protection rating

Working temperature:-10℃~40℃

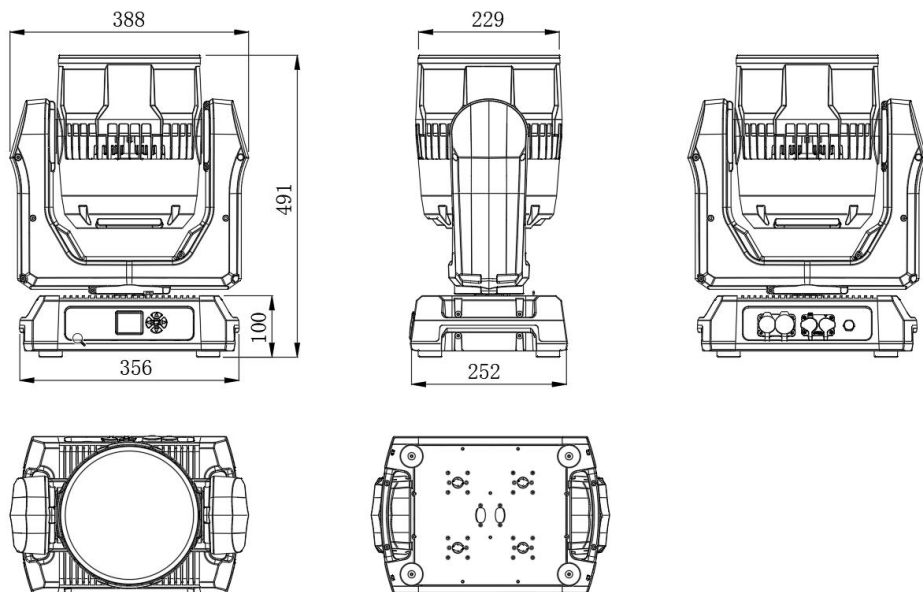
Signal connect:3-Pin XLR DMX in/out

Power connect: Ture1 Powercon in out

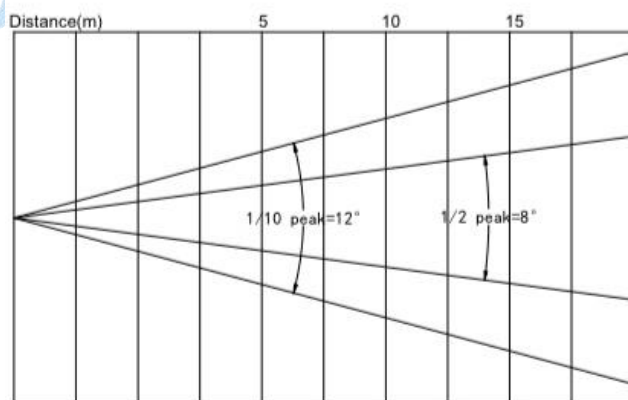
Product size:388x256x491mm

Net weight: 14.5kg

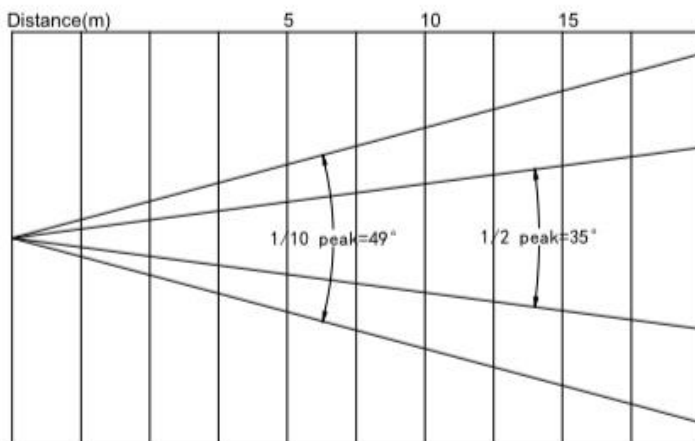
Product dimension:



Illuminance:



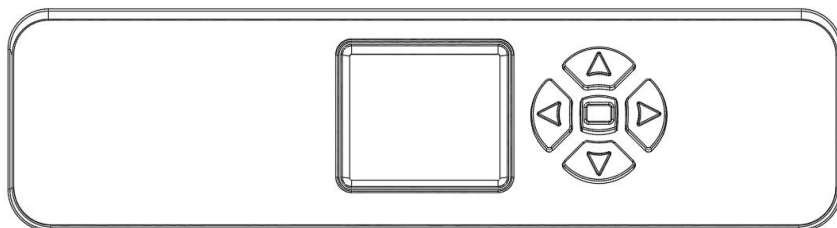
RGBW(lux)	7841.9	1983	892.1
R(lux)	1425.2	357.8	157.6
G(lux)	2795	706.1	315.1
B(lux)	548.1	139.9	62
W(lux)	3689.4	953.8	426.4



RGBW(lux)	545	170.2	81.2
R(lux)	89.4	28.4	13.6
G(lux)	194.8	58.6	27
B(lux)	38.8	10.8	5
W(lux)	265.1	81.2	38.1

3 Board Instruction

Display:



Menu:

ADDR	Chan	001-512
	Next	Next device
	Prev	Previous device

MODE	Mode Select	DMX
		Auto
	M/S Mode	Auto/Master/Slave
	Dimer Mode	Mode1/Mode2/Mode3/Off
DISP	Fan Mode	Auto/High/Low
	Language	En/中文
	Screen Rot	Auto/Close/Open
	Screen Saver	On/Off
	Indicator	Mode1/Mode2
SCENE	Screen Light	01-10
	1. Pan	000-255
	2. Pan Fine	000-255
	3. Tilt	000-255
	4. Tilt Fine	000-255
	5. XT Speed	000-255
	6. Dimmer	000-255
	7. Strobe	000-255
	8. R	000-255
	9. G	000-255
	10. B	000-255
	11. W	000-255
	12. Focus	000-255
	13. LED.EF	000-255
	14. LED.SP	000-255
	15. Effect	000-255
	16. Effect.spd	000-255
	17. Eff.Dimmer	000-255
	18. Reset	000-255
SETUP	Channel	18CH/26CH
	Pan Invert	On/Off
	Tilt Invert	On/Off
	P/T Rectify	On/Off

	Data Hold	On/off
	Reset	On/Off
	Factory Set	On/Off
STATE	ToTal Time	
	Light Time	xxxx:xx
	Version	At.19
	Error_Logging	
	Fixture_Status	
	Stepper inf	

4 DMX CHANNEL SHEET

18CH	Function	DMX value	Description
1	Pan	0-255	Pan movement range 540°
2	Pan fine	0-255	Pan fine 16bit
3	Tilt	0-255	Tilt movement range 270°
4	Tilt fine	0-255	Tilt fine 16bit
5	Pan/Tilt speed	0-255	Pan/Tilt speed from fast to slow
6	Dimmer	0-255	0-100% linear dimmer
7	Strobe	0-255	Strobe from slow to fast
8	R	0-255	Red Linear dimmer 0-100%
9	G	0-255	Green Linear dimmer 0-100%
10	B	0-255	Blue Linear dimmer 0-100%
11	W	0-255	White Linear dimmer 0-100%
12	Zoom	0-255	From small to large
13	Macro	0-10	Close
		11-20	Red
		21-30	Green
		31-40	Blue
		41-50	Orange
		51-60	Cyan
		61-70	Yellow

		71-80	Purple
		81-90	White
		91-100	Macro 1
		101-110	Macro 2
		111-120	Macro 3
		121-130	Macro 4
		131-140	Macro 5
		141-150	Macro 6
		151-160	Macro 7
		161-170	Macro 8
		171-180	Macro 9
		181-190	Macro 10
		191-200	Macro 11
		201-210	Macro 12
		211-220	Macro 13
		221-255	Macro 14
14	Macro speed	0-255	From slow to fast
15	Ring effect	0-10	Close
		11-20	Red
		21-30	Green
		31-40	Blue
		41-50	Orange
		51-60	Cyan
		61-70	Yellow
		71-80	Purple
		81-90	White
		91-100	Macro 1
		101-110	Macro 2
		111-120	Macro 3
		121-130	Macro 4
		131-140	Macro 5
		141-150	Macro 6

		151-160	Macro 7
		161-170	Macro 8
		171-180	Macro 9
		181-190	Macro 10
		191-200	Macro 11
		201-210	Macro 12
		211-220	Macro 13
		221-255	Macro 14
16	Ring effect speed	0-255	From slow to fast
17	Eff.Dimmer	0-255	
18	Reset	0-129	No function
		130-255	Reset

26CH	Function	DMX value	Description
1	Pan	0-255	Pan movement range 540°
2	Pan fine	0-255	Pan fine 16bit
3	Tilt	0-255	Tilt movement range 270°
4	Tilt fine	0-255	Tilt fine 16bit
5	Pan/Tilt speed	0-255	Pan/Tilt speed from fast to slow
6	Dimmer	0-255	0-100% linear dimmer
7	Strobe	0-255	Strobe from slow to fast
8	R1	0-255	Red1 Linear dimmer 0-100%
9	G1	0-255	Green1 Linear dimmer 0-100%
10	B1	0-255	Blue1 Linear dimmer 0-100%
11	W	0-255	White1 Linear dimmer 0-100%
12	R2	0-255	Red2 Linear dimmer 0-100%
13	G2	0-255	Green2 Linear dimmer 0-100%
14	B2	0-255	Blue2 Linear dimmer 0-100%

15	W2	0-255	White2 Linear dimmer 0-100%
16	R3	0-255	Red3 Linear dimmer 0-100%
17	G3	0-255	Green3 Linear dimmer 0-100%
18	B3	0-255	Blue3 Linear dimmer 0-100%
19	W3	0-255	White3 Linear dimmer 0-100%
20	Zoom	0-255	From small to large
21	Macro	0-10	Close
		11-20	Red
		21-30	Green
		31-40	Blue
		41-50	Orange
		51-60	Cyan
		61-70	Yellow
		71-80	Purple
		81-90	White
		91-100	Macro 1
		101-110	Macro 2
		111-120	Macro 3
		121-130	Macro 4
		131-140	Macro 5
		141-150	Macro 6
		151-160	Macro 7
		161-170	Macro 8
		171-180	Macro 9
		181-190	Macro 10
		191-200	Macro 11
		201-210	Macro 12
		211-220	Macro 13
		221-255	Macro 14
22	Macro speed	0-255	From slow to fast
23	Ring effect	0-10	Close

		11-20	Red
		21-30	Green
		31-40	Blue
		41-50	Orange
		51-60	Cyan
		61-70	Yellow
		71-80	Purple
		81-90	White
		91-100	Macro 1
		101-110	Macro 2
		111-120	Macro 3
		121-130	Macro 4
		131-140	Macro 5
		141-150	Macro 6
		151-160	Macro 7
		161-170	Macro 8
		171-180	Macro 9
		181-190	Macro 10
		191-200	Macro 11
		201-210	Macro 12
		211-220	Macro 13
		221-255	Macro 14
24	Ring effect speed	0-255	From slow to fast
25	Ring Eff.Dimmer	0-255	
26	Reset	0-129	No function
		130-255	Reset

5 FIXED EQUIPMENT

Please keep the equipment far away from the flammable objects like

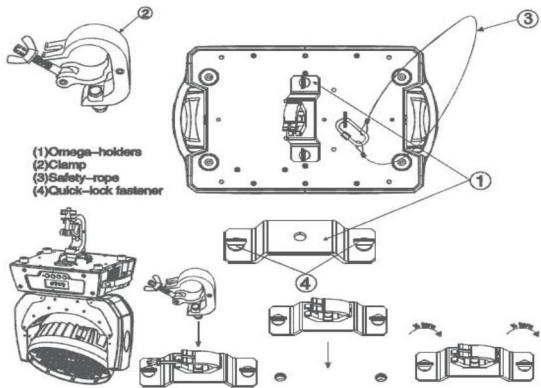
finishing material, etc. keep at least 0.5m distance from the flammable objects.

Warning: using two lamp clamps fix the equipment on the bottom of the lamp holder according to the instruction. to make sure the place of install the lamp is safe and suitable ,and the installation point that have chosen is safety and reliable.

The place of installing the lamp must support the 10 times weight of the lamp itself. And test the pensile place and make sure the place isn't out of the shape.

Must install the second protection when fixing the equipment like proper protective screening. The second protection is used to prevent drop off and lost of lamp and components.

Lamps can directly install the lamp holder , which is shown in the figure:



6 MAIN MACHINE CONNECTION

Please checking the power equipment supported.

Please put the plug of power source wire connect with the main power source .

(EU)Wire	Wire(America)	Direction of wire	General marks
Brown	Black	Live	L
Light blue	White	Neutral	N

Yellow/Green	Green	Earth	
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Warranty Card

Name		Model		Production		Purchase	
End User				Sale Store			
Company Name:				Link man:			
Add:				Tel: Stamp			

Description: These must be truthfully fill, seal by the end-user and point-of-sale, or else the warranty will not work (warranty period and terms, see the following)

warranty period: one year since purchase warranty terms: 1、If fail when using the product in normal state, you can made under the provisions of the warranty, show the warranty card and purchase bills(copy), and enjoy free maintenance service in a specific service center or the manufacturer.

2. The following will be the implementation of paid service:

- (1)Without the effective warranty card
- (2)There's blank, alter and no point-of-sale name
- (3)Fail caused by unresistance
- (4)Fail caused by transportation or unloading
- (5)Fail caused by not operate by manual
- (6)Fail caused by disassemble without unauthorized
- (7)Fail caused by using the unauthorized control system

Note:

Based on our company continue to improve the product, the statement containing data may have changed, and will not notice the change any more. Company retains its right to change specifications related when product is improved. Thanks for your understanding.

NWITC[®]

BLUE SEA LIGHTING