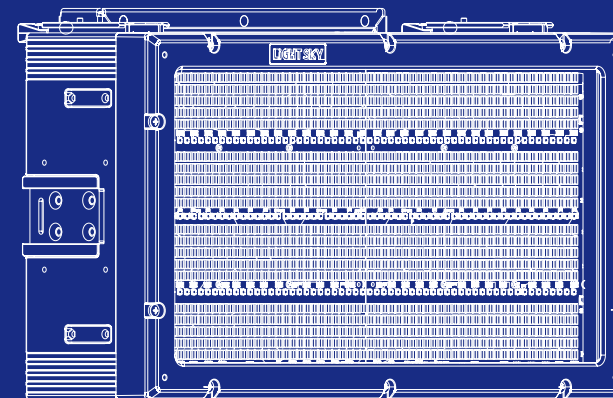


LIGHT SKY

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Social Media



LIGHT SKY Wechat

SEAGUL EFFECT LIGHT

Please read the instruction carefully before use

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Congratulations on choosing our company product! We thank you for your custom.

- Please keep in mind that this product, like other products of the company, adheres to the concept of people-oriented design and manufacture, and takes product quality as the foundation.
- We put the interests of customers first, and do our best to meet customer requirements.
- Please read this instruction manual carefully and keep it for future reference. In the case of fully understanding the product information, strictly abide by theUse the instruction manual to ensure that the product is installed, used and serviced correctly and safely.
- Our company is not responsible for any damage to lamps or other performance due to personal failure to follow the instructions during installation, use and maintenance.responsibility.
- Our company reserves the right to modify the manual at any time and without prior notice.

1.Safety Instructions



Please read the instruction carefully which includes important information about the installation, usage and maintenance.

WARNING

Please keep this User Manual for future consultation. If you sell the unit to another user, be sure that they also receive this manual.

The following symbols are used to identify important safety information on the product and in this manual:

DANGER! Safety hazard. Risk of severe injury or death.	DANGER! Refer to manual before installing, powering or servicing.	DANGER! Hazardous voltage.Risk of severe or lethal electric shock.	Warning! Fire hazard.	Warning! Burn hazard. Hot surface. Do not touch.	Warning! Risk of eye injury.Safety glasses must be worn.	Warning! Risk of hand injury. Safety gloves must be worn.	Avoid direct eye contact
Applies only to luminaires directly mounted on surfaces of non-combustible materials	Do not discard Trash can	Mark of ground	Replace all shatter shields	Take a short distance from the object to be photographed (meters)	Rated maximum ambient temperature	Do not point the lens towards the sun or strong light	Operation not allowed during runtime

Important:

Damages caused by the disregard of this user manual are not subject to warranty.

The dealer will not accept liability for any resulting defects or problems.

- Unpack and check carefully to ensure that there is no transportation damage before using the unit.
- Do install and operate by qualified operator.
- The light source in this luminaire should be replaced by the manufacturer or its service agent or a similarly qualified person, always cut off the power supply before replacing the light source.
- Do not allow children to operate the fixture.
- Use safety chain when fixing the unit. Handle the unit by carrying its base instead of head only.

- The unit must be installed in a location with adequate ventilation, at least 20cm from adjacent surfaces.
- Be sure that no ventilation slots is blocked, otherwise the unit will be overheated.
- Before operation, ensure that you are connecting this product to the proper voltage in accordance with the specifications in this manual or on the product's specification label.
- It's important to ground the yellow/green conductor to earth in order to avoid electric shock.
- Minimum ambient temperature TA: -20°C. Maximum ambient temperature TA: 45°C. Do not operate this product at a lower or higher temperature.
- Do not connect the device to any dimmer pack.
- When the lamp is running, do not place combustible objects next to it. The shortest distance between the device and inflammable and explosive objects or materials is 0.5m.
- Make sure the power cord is not crimped or damaged; replace it immediately if damaged.
- Unit's surface temperature may reach up to 65°C. Do not touch the housing bare-handed during its operation.
- Avoid any flammable liquids, water or metal from entering the unit. Once it happens, cut off the mains power immediately.
- Do not operate in a dirty or dusty environment. do clean the fixture regularly.
- Do not touch any wire during operation as there might be a hazard of electric shock.
- Avoid entanglement of the power cord with other wires.
- The minimum distance to objects/surface must be more than 3 meters.
- In the event of serious operating problem, stop using the unit immediately.
- Never turn on and off the unit time after time.
- The housing, the lenses, or the ultraviolet filter must be replaced if they are visibly damaged.
- Do not open the housing as there are no user serviceable parts inside.
- Do not attempt to operate this unit if it becomes damaged. Do not attempt any repairs yourself. Repairs carried out by unskilled people can lead to damage or malfunction. Please contact the nearest authorized technical assistance center if needed.

- Disconnect this product from its power source before servicing.
- Do use the original packaging if the device is to be transported.
- Avoid direct eye exposure to the light source while the product is on.
- Do not operate this product if you see damage on the housing, shields, or cables.
Have the damaged parts replaced by an authorized technician at once.

Installation:

The luminaire must be securely fastened to the quick-lock hook with screws to prevent vibration or slipping during operation. The supporting structure must be able to withstand 6 times the weight of the luminaire. Additionally, a safety cable must be installed that can endure 30 free-fall drops from 300mm without failure. Installation should only be performed by qualified professionals, and the luminaire must be mounted in an area inaccessible to unauthorized personnel or away from pedestrian traffic.

2. Technical Specifications

OPTICS

- Light source: 180 x 5W CW+1200 x 0.5W RGB
- Beam angle: 68 °
- Spot angle: 115 °
- Color rendering index: RA≥79.2
- Color temperature: 2500K-10000K
- Luminous flux RGB: 13882 Lm
- Luminous flux W: 34829 Lm
- Output illuminance RGB: 338 lux @ 5 meters W: 910 lux @ 5 meters
- Average lifespan of light source: 20000H

EFFECT

- Color Mixing System: A uniform RGB color mixing system, where each color can be individually controlled to achieve multiple effects.
- Intelligent atomization: Linear adjustment of atomization function to enhance color mixing effect.
- Effect macros: static effect macros and dynamic effect macros functions.
- Dimming: Electronic dimming, providing four dimming curves.
- Strobe: 1-30Hz electronic strobe and random strobe.

CONTROL AND PROGRAMMING

- Control channels: Standard 21 channels, Extended 168 channels, 15 channels
- Control protocols: Standard DMX512 protocol, RDM protocol, ART-NET protocol
- Data connection: Three core or five core signal input/output
- Display: LCD Screen

SOFTWARE

- Upgrade software through DMX signal interface and USB interface.
- Intelligent temperature control ensures LED lifespan

POWER SUPPLY AND POWER

- Input voltage: AC 100-240V 50/60Hz
- Rated power: 620W
- Strobe power: 1500W
- Power factor: 0.99
- Maximum current of the lamp: 6.3A/100V 2.8A/220V

SIZE AND WEIGHT

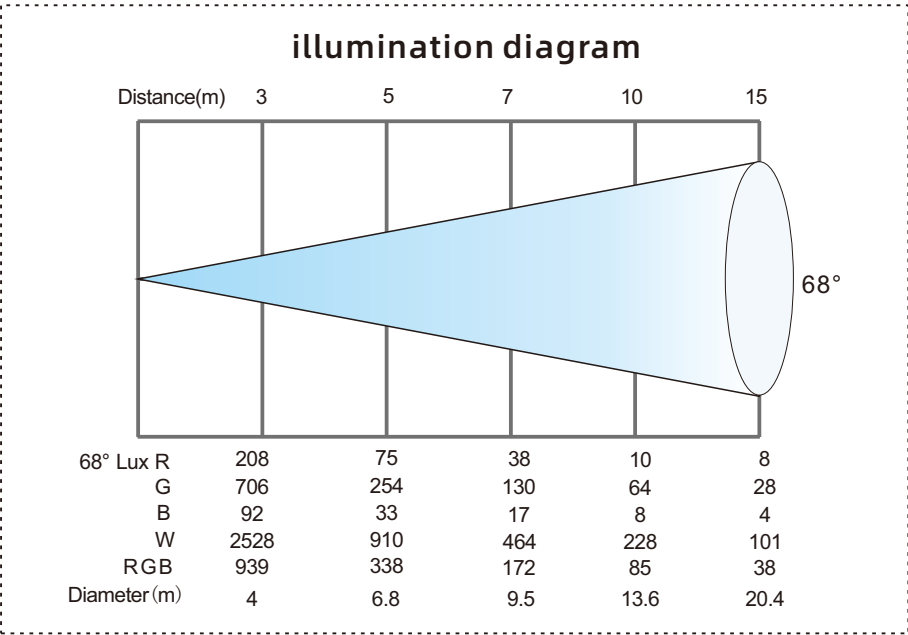
- Product size:438 x 216 x 249mm
- N.W.: 13.1 kg
- Carton packaging (default): 510 x 320 x 380mm
- G.W.:15.8KG

OTHER

- Protection level: IP66
- Working environment: -20°C~45°C
- Maximum surface temperature of lamp body: 65 °C

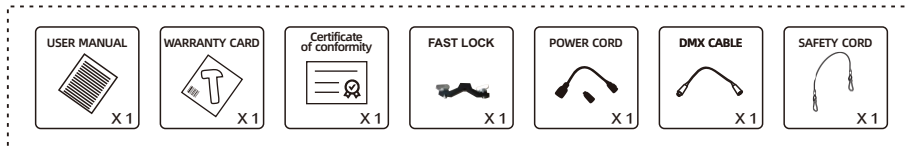
APPROVALS

- The product implementation standard: GB/T 7000.1-2023 、 GB/T 7000.217-2023
- Approved certifications: CE、RoHs
- The product complies with the following EU directives:
Low Voltage Directive 2014/35/EU . EMC Directive 2014/30/EU

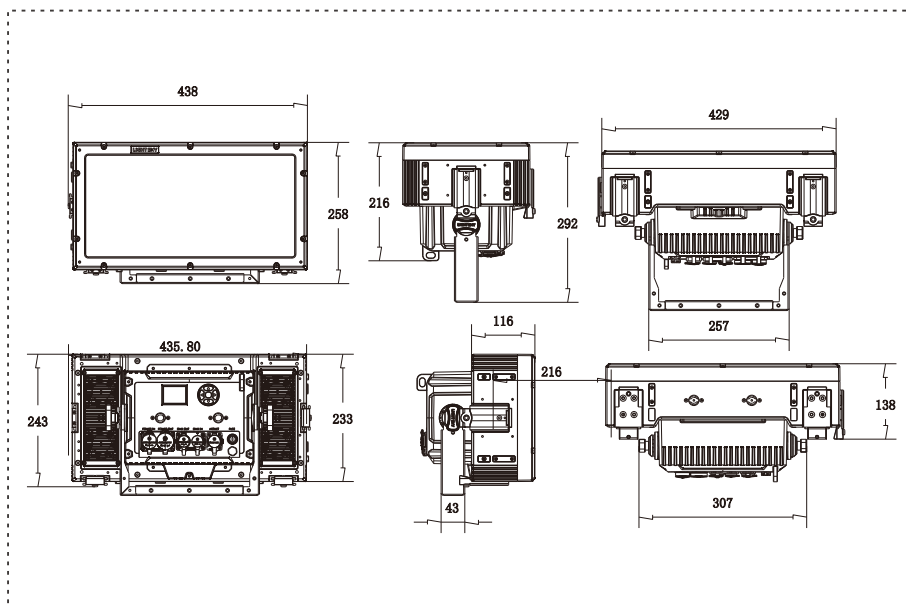


2.1.Attachment And Size

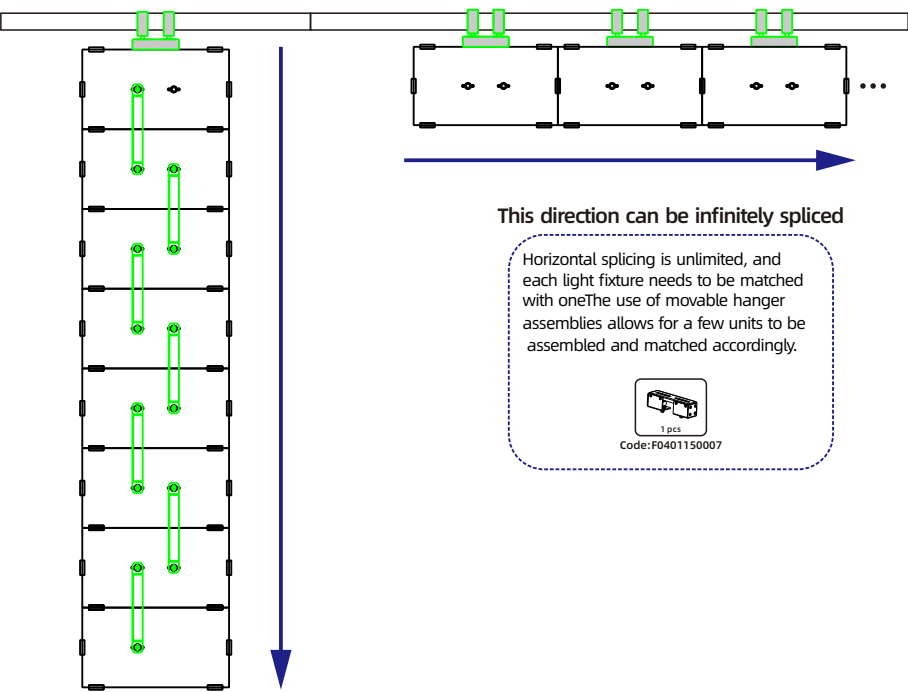
Attachment contents-Fig.1



Size-Fig.2 (Unit:mm)



Splicing Guide Diagram 1



This direction can be infinitely spliced

Horizontal splicing is unlimited, and each light fixture needs to be matched with one. The use of movable hanger assemblies allows for a few units to be assembled and matched accordingly.



1 pcs
Code: F0401150007

Up to 8 units can be spliced in this direction

Up to 8 units can be assembled for lifting and load-bearing, and 8 lighting fixtures need to be used in conjunction with 1 movable hanger assembly and 7 connecting bracket components B.

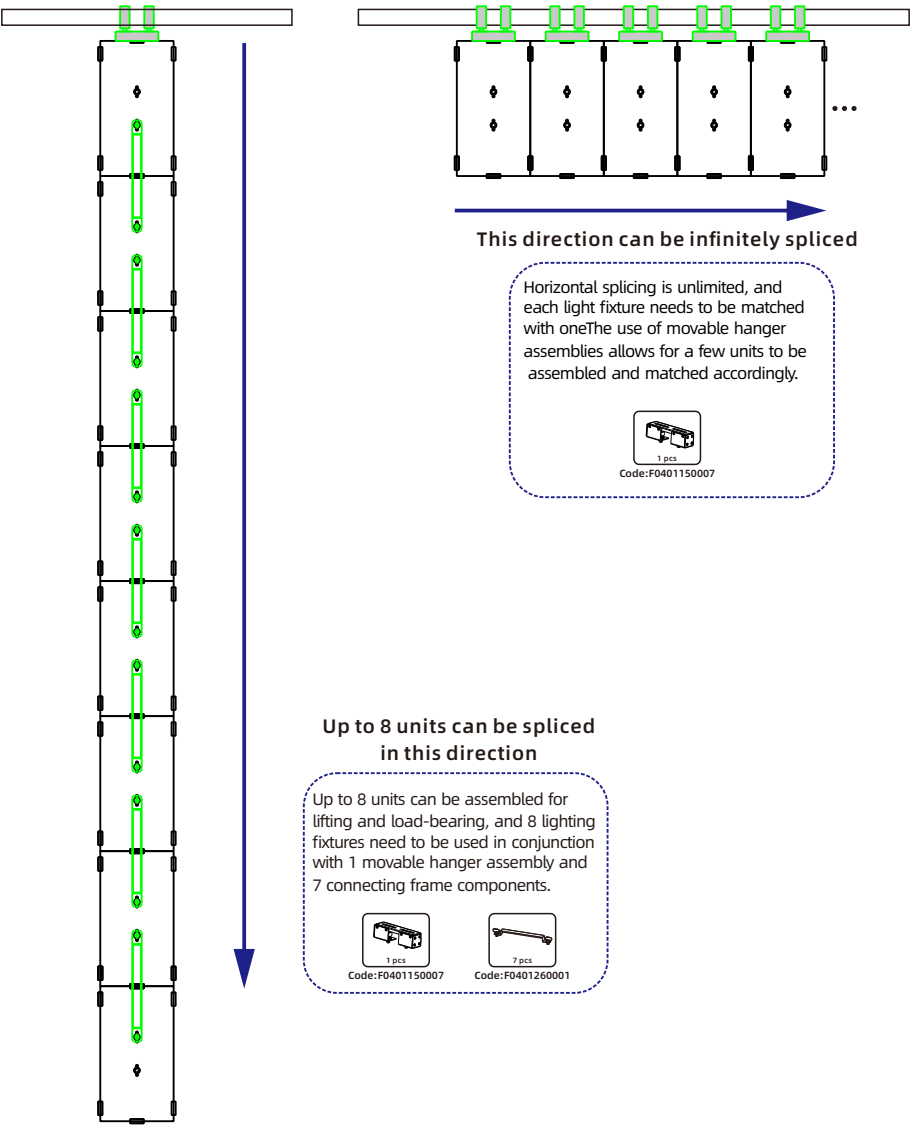


1 pcs
Code: F0401150007



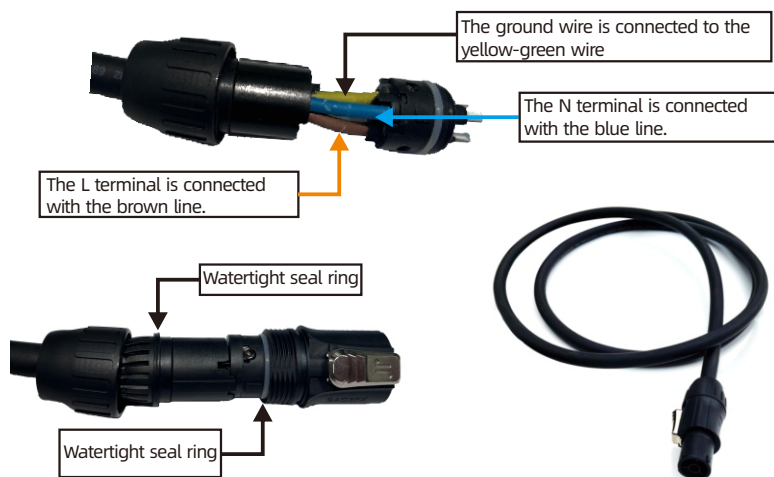
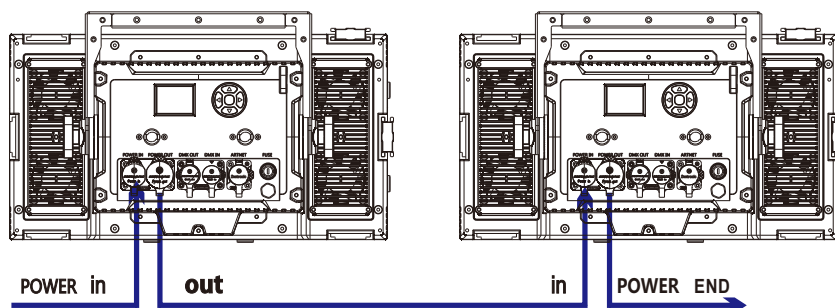
7 pcs
Code: F0401260002

Splicing Guide Diagram 2



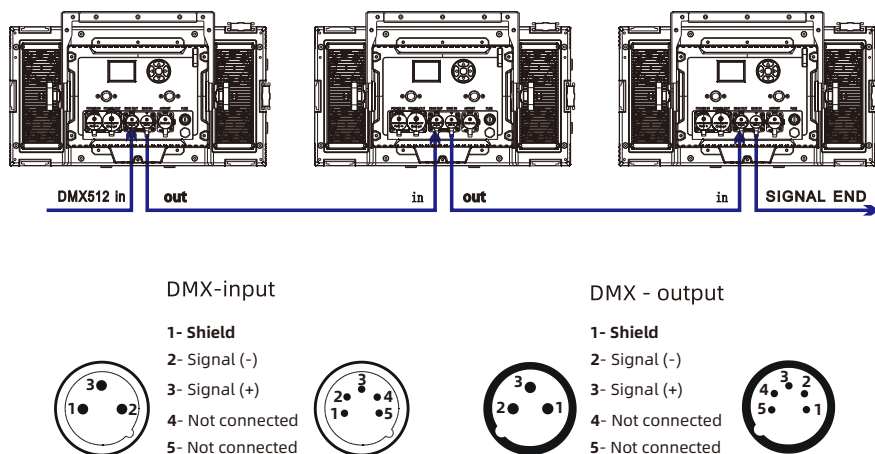
3.Connection and control

3.1.Power supply connection



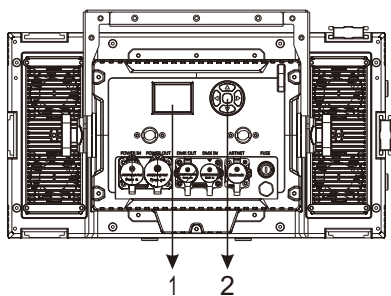
- The bus connecting the power supply must be installed by a qualified professional technician.
- After completing all the above operations and ensuring that it is installed, you can power on the lamp to operate.

3.2.DMX 512 Connection



1. At last unit, the DMX cable has to be terminated with a terminator. Solder a 120 Ω 1/4W resistor between pin 2(DMX-) and pin 3(DMX+) into a 3-pin XLR-plug and plug it in the DMX-output of the last unit.
2. Connect the unit together in a “daisy chain” by XLR plug cable from the output of the unit to the input of the next unit. The cable cannot be branched or split to a “Y” cable. DMX 512 is a very high-speed signal. Inadequate or damaged cables, soldered joints or corroded connectors can easily distort the signal and shut down the system.
3. The DMX output and input connectors are pass-through to maintain the DMX circuit, when one of the units' power is disconnected.
4. Each lighting unit needs to have a DMX address to receive the data by the controller. The address number is between 1-512.
5. The end of the DMX 512 system should be terminated to reduce signal errors.
6. 3 pin XLR connectors are more popular than 5 pins XLR. 3 pin XLR: Pin 1: GND, Pin 2: Negative signal (-), Pin 3: Positive signal (+)
- 5 pin XLR: Pin 1: GND, Pin 2: Negative signal (-), Pin 3: Positive signal (+), Pin4, Pin5 not used.

3.3.Control Panel



1.Display: To show the various menus and the selected function.

2.Button :

OK	OK confirmation key
▲	UP
▼	DOWN
◀	To the left
▶	To the right

4.How To Set The Unit

4.1.Main Function

The lamp is powered on. When the system initialization and lamp reset are completed, and the standby interface is displayed on the display screen, press OK to enter the preset menu interface.

The main functions are as follows:

Main menu	I menu	II menu	III menu	Note
DMX Address	Address	1-512		
	Channel	21CH / 168CH		
	State	Black Hold		
	InputMode	DMX		ARTNET can only be selected when there is an ARTNET module available
		ARTNET		
Information	Time	Total Power Time		
		Power Time		
		Total Light Time		
		Light time		
	Temperature	Head Temp		
	Fan Info.	BaseFanVol		
		HeadFanVol1		
		HeadFanVol2		
		BaseFan1Sp		
		BaseFan2Sp		
		HeadFan1Sp		
		HeadFan2Sp		
		HeadFan3Sp		
		HeadFan4Sp		
	Fixture state	1.MCU(LED) ***		
		2.MCU(Fan) ***		
	RDM UID	3888: xxxxxxxx		
	DMX Live	DMX		
	Software	1.Display Ver. Vxxx		
		2.LED Ver. Vxxx		
		3.Fan Ver. Vxxx		
Personal	Dimmer&Fan Setting	Led Hz	1800Hz/3600Hz(Default)/7200Hz/25000Hz	
		Fan Mode	HighOutput	
			Standard(Default)	
			Silent	
	Display Setting	Language	EN (Default) ZH	
		Disp. Backlight	OFF (Default) ON	
		Disp. Direction	Forward (Default) Reverse	
		Dis.Blink	OFF	
			ON(Default)	
	Artnet Setting	IP Address	***.***.***.***	This menu can only be displayed when the artnet module is connected
		Mask Address	***.***.***.***	
		Net Address	0-127	
		Sub Net Address	0-15	
		Universe Address	0-15	
Manual Control	Channel control	1.Pan ***		

Main menu	I menu	II menu	III menu	Note
Service	Factory Reset	NO / YES		
	Reset Timers	1.Total Power Time	NO / YES	
		2.Total Light Time	NO / YES	
		1.Power Time	NO / YES	
		2.Light Time	NO / YES	
	Developer	1.Logo Set		
		2.Up Logo		
		3.Language		
		4.Fixture Type		
	Firmware update			
Language				
Test	Test All			
Rotate Display				

4.2.Address Setting

Enter MENU, select the DMX setting function, select the address code setting, press the OK button to confirm, the current DMX address will be displayed on the display. Use the up/down buttons to select addresses 001~512, and press the OK button to save. Press the OK button to return to the previous menu.

Please refer to the following diagram to address your DMX512 channel for the first 4 units.

Channel mode	Unit 1 Address	Unit 2 Address	Unit 3 Address	Unit 4 Address
21 CH	1	22	43	64
168 CH	1	169	337	505
15 CH	1	16	31	46

4.3.DMX 512 Configuration

21 Channel	168 Channel	DMX	Function	Note
1	1	0-255	Dimmer	
2	2	0-255	Dimmer Fine	
3	3	0-9 10-49 50-89 90-119 120-179 180-249 250-255	Strobe Strobe open Slow closing , Fast opening, slow → fast Fast closing , Slow opening, Slow → Fast Slow closing , Slow open, Slow → Fast Random strobe,Slow → Fast Synchronous strobe,slow → fast Strobe open	
4	4	0-255	RGB Dimmer	
5	\	0-255	Red 0 to 100%	
6	\	0-255	Green 0 to 100%	
7	\	0-255	Blue 0 to 100%	
\	5	0-255	Red1	
\	6	0-255	Green1	
\	7	0-255	Blue1	
\	8	0-255	Red2	
\	9	0-255	Green2	
\	10	0-255	Blue2	
\	11	0-255	Red3	
\	12	0-255	Green3	
\	13	0-255	Blue3	
\	14	0-255	Red4	
\	15	0-255	Green4	
\	16	0-255	Blue4	
\	17	0-255	Red5	
\	18	0-255	Green5	
\	19	0-255	Blue5	
\	20	0-255	Red6	
\	21	0-255	Green6	
\	22	0-255	Blue6	
\	23	0-255	Red7	
\	24	0-255	Green7	
\	25	0-255	Blue7	
\	26	0-255	Red8	
\	27	0-255	Green8	
\	28	0-255	Blue8	
\	29	0-255	Red9	
\	30	0-255	Green9	
\	31	0-255	Blue9	

21 Channel	168 Channel	DMX	Function	Note
\	32	0-255	Red10	
\	33	0-255	Green10	
\	34	0-255	Blue10	
\	35	0-255	Red11	
\	36	0-255	Green11	
\	37	0-255	Blue11	
\	38	0-255	Red12	
\	39	0-255	Green12	
\	40	0-255	Blue12	
\	41	0-255	Red13	
\	42	0-255	Green13	
\	43	0-255	Blue13	
\	44	0-255	Red14	
\	45	0-255	Green14	
\	46	0-255	Blue14	
\	47	0-255	Red15	
\	48	0-255	Green15	
\	49	0-255	Blue15	
\	50	0-255	Red16	
\	51	0-255	Green16	
\	52	0-255	Blue16	
\	53	0-255	Red17	
\	54	0-255	Green17	
\	55	0-255	Blue17	
\	56	0-255	Red18	
\	57	0-255	Green18	
\	58	0-255	Blue18	
\	59	0-255	Red19	
\	60	0-255	Green19	
\	61	0-255	Blue19	
\	62	0-255	Red20	
\	63	0-255	Green20	
\	64	0-255	Blue20	
\	65	0-255	Red21	
\	66	0-255	Green21	
\	67	0-255	Blue21	
\	68	0-255	Red22	
\	69	0-255	Green22	
\	70	0-255	Blue22	
\	71	0-255	Red23	
\	72	0-255	Green23	

21 Channel	168 Channel	DMX	Function	Note
\	73	0-255	Blue23	
\	74	0-255	Red24	
\	75	0-255	Green24	
\	76	0-255	Blue24	
\	77	0-255	Red25	
\	78	0-255	Green25	
\	79	0-255	Blue25	
\	80	0-255	Red26	
\	81	0-255	Green26	
\	82	0-255	Blue26	
\	83	0-255	Red27	
\	84	0-255	Green27	
\	85	0-255	Blue27	
\	86	0-255	Red28	
\	87	0-255	Green28	
\	88	0-255	Blue28	
\	89	0-255	Red29	
\	90	0-255	Green29	
\	91	0-255	Blue29	
\	92	0-255	Red30	
\	93	0-255	Green30	
\	94	0-255	Blue30	
\	95	0-255	Red31	
\	96	0-255	Green31	
\	97	0-255	Blue31	
\	98	0-255	Red32	
\	99	0-255	Green32	
\	100	0-255	Blue32	
\	101	0-255	Red33	
\	102	0-255	Green33	
\	103	0-255	Blue33	
\	104	0-255	Red34	
\	105	0-255	Green34	
\	106	0-255	Blue34	
\	107	0-255	Red35	
\	108	0-255	Green35	
\	109	0-255	Blue35	
\	110	0-255	Red36	
\	111	0-255	Green36	
\	112	0-255	Blue36	
\	113	0-255	Red37	

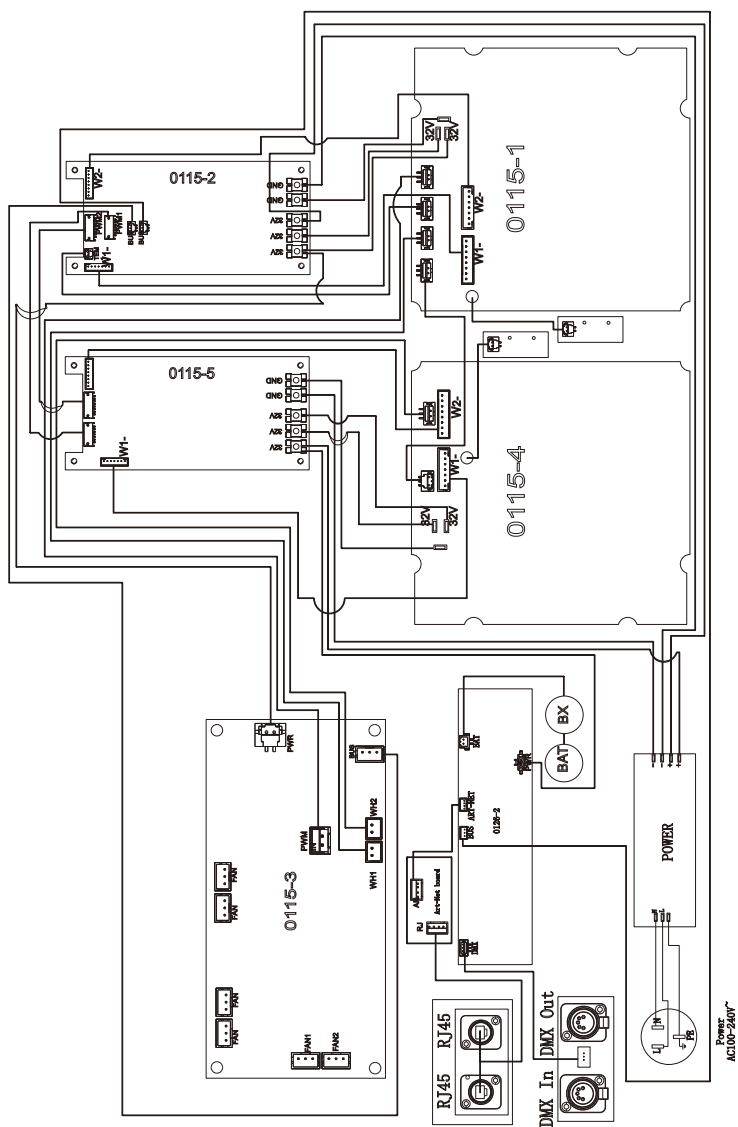
21 Channel	168 Channel	DMX	Function	Note
\	114	0-255	Green37	
\	115	0-255	Blue37	
\	116	0-255	Red38	
\	117	0-255	Green38	
\	118	0-255	Blue38	
\	119	0-255	Red39	
\	120	0-255	Green39	
\	121	0-255	Blue39	
\	122	0-255	Red40	
\	123	0-255	Green40	
\	124	0-255	Blue40	
8	125	0-9 10-255	EffectMacro No function Effect	
9	126	0-125 126-129 130-255	EffectSpeed CWfast to slow Stop CCWslow to fast	
10	127	0-2 3-5 6-8 9-11 12-14 15-255	EffectFade No function Step Curve1 Step Curve2 Step Curve3 Step Curve4 Fade	
11	128	0-255	Effect Back.Dim.	
12	129	0-255	Effect Back.Red	
13	130	0-255	Effect Back.Green	
14	131	0-255	Effect Back.Blue	
15	132	0-255	WhiteDimmer	
16	133	0-255 0-9 10-49 50-89 90-119 120-179 180-249	WhiteStrobe Strobe open Slow closing , Fast opening, slow → fast Fast closing , Slow opening, Slow → Fast Slow closing , Slow open, Slow → Fast Random strobe,Slow → Fast Synchronous strobe,slow → fast	

21 Channel	168 Channel	DMX	Function	Note
		250-251	Shift function to RGB strobe ch	
		252-255	Strobe open	
\	134	0-255	White1	
\	135	0-255	White2	
\	136	0-255	White3	
\	137	0-255	White4	
\	138	0-255	White5	
\	139	0-255	White6	
\	140	0-255	White7	
\	141	0-255	White8	
\	142	0-255	White9	
\	143	0-255	White10	
\	144	0-255	White11	
\	145	0-255	White12	
\	146	0-255	White13	
\	147	0-255	White14	
\	148	0-255	White15	
\	149	0-255	White16	
\	150	0-255	White17	
\	151	0-255	White18	
\	152	0-255	White19	
\	153	0-255	White20	
\	154	0-255	White21	
\	155	0-255	White22	
\	156	0-255	White23	
\	157	0-255	White24	
\	158	0-255	White25	
\	159	0-255	White26	
\	160	0-255	White27	
\	161	0-255	White28	
\	162	0-255	White29	
\	163	0-255	White30	
17	164	0-9 10-99 100-199 200-255	WhiteEffectMacro No function Static Effect Chase Effect No function	
18	165	0-125 126-129 130-255	WhiteEffectSpeed CWfast to slow Stop CCW slow to fast	

21 Channel	168 Channel	DMX	Function	Note
19	166	0-2	WhiteEffect	
		3-5	No function	
		6-8	Step Curve1	
		9-11	Step Curve2	
		12-14	Step Curve3	
		15-255	Step Curve4	
20	167	0-255	Fade	
21	168	0-255	Frost	
		0-49	Function(Hold 3s)	
		50-59	No function	
		60-69	Fan Standard mode	
		70-79	Fan HighOutput mode	
		80-84	Fan Silent mode	
		85-89	Dis.Blink off	
		90-169	Dis.Blink on	
		170-177	No function	
		178-185	LED frequency 1.8kHz	
		186-193	LED frequency 3.6kHz	
		194-199	LED frequency 7.2kHz	
		200-255	LED frequency 25kHz	
			No function	

15 CH	DMX	Function	Note
1	0-255	Dimmer	
2	0-255	No function	
3	0-255	No function	
4	0-255	No function	
5	0-255	WhiteDimmer	
6	0-255	WhiteStrobe	
	0-9	Strobe open	
	10-49	Slow closing, Fast opening, slow → fast	0.5-12HZ
	50-89	Fast closing, Slow opening, Slow → Fast	0.5-12HZ
	90-119	Slow closing, Slow open, Slow → Fast	0.5-12HZ
	120-179	Random strobe, Slow → Fast	1-25HZ
	180-249	Synchronous strobe, slow → fast	1-25HZ
	250-251	Shift function to RGB strobe ch	
	252-255	Strobe open	
7	0-255	White Strobe Duration	10-660ms
8	0-255	RGB Dimmer	
9	0-9	Strobe Strobe open	
	10-49	Slow closing, Fast opening, slow → fast	0.5-12HZ
	50-89	Fast closing, Slow opening, Slow → Fast	0.5-12HZ
	90-119	Slow closing, Slow open, Slow → Fast	0.5-12HZ
	120-179	Random strobe, Slow → Fast	1-25HZ
	180-249	Synchronous strobe, slow → fast	1-25HZ
	250-255	Strobe open	
10	0-255	Strobe Duration	10-660ms
11	0-255	Red 0 to 100%	
12	0-255	Green 0 to 100%	
13	0-255	Blue 0 to 100%	
14	0-255	CTC	
15		Function(Hold 3s)	
	0-49	No function	
	50-59	Fan Standard mode	
	60-69	Fan HighOutput mode	
	70-79	Fan Silent mode	
	80-84	Dis.Blink off	
	85-89	Dis.Blink on	
	90-169	No function	
	170-177	LED frequency 1.8kHz	
	178-185	LED frequency 3.6kHz	
	186-193	LED frequency 7.2kHz	
	194-199	LED frequency 25kHz	
	200-255	No function	

5. Electrical Connection Diagram



6.Troubleshooting

The following are common faults of lighting fixtures and corresponding solutions. Malfunctions that cannot be repaired by oneself should be handled by personnel with professional qualifications. Before maintaining the lamp, please disconnect the power supply first.

■ LED off:

- Please check if install the suitable voltage
- Please check whether the led will reach the end of their life can explode; please replace a same description led.
- Please check if the power supply is enough.
- Please check whether the DMX 512 controller pass the "turn on" order.

■ The light couldn't accept the control order:

- Please check the start code address and the function option are correct.
- Please check whether the communicate control cable is on good connection or the cable is too long or interrupt.
- Please check the control system is not valid, check the signal amplifier of chain connected is valid.
- Please check whether the communicate cable is too long or the other equipment is mutually conjugate.
- Please arrange the wire well, shorter the signal cable, put the high voltage cable and low voltage cable separately.
- Add the signal amplify isolator.
- Signal cable is used the excellent screening doublet (Resistance 75 Ω)
- The end of the light end and the end resistance.

■ The light can't move:

- Please check if the power supply is suitable for the light voltage data.
- Please check the light if they are deformation, inside parts is broken, become wet etc will lead the loose contact.
- Please check the if the inside lead wire and the connector is loose.
- Please check the electric parts(such as the transformer,PCB board,controller) is short-circuit or burn down.

7. Fixture Cleaning

It is absolutely essential that the fixture is kept clean to ensure the maximum light-output and allow the fixture to function reliably throughout its life. The fixture must be cleaned regularly to avoid dust, dirt and smoke-fluid residues building up on or within the fixture. The cleaning frequency depends on the application environment. Clean the fixture immediately if the dust enters it to avoid damage to the optical lens due to excessive dust.

- Before maintenance and disassembly of lighting fixtures, the power supply must be disconnected and live operation is not allowed.
- A soft lint-free cloth moistened with any good glass cleaning fluid is recommended, under no circumstances should solvents be used.
- Always dry the parts carefully.
- You need to wipe the outside of the lens at least once every 20 days.
- After the colored paper performance of the lighting fixtures, it is necessary to check whether there are any paper scraps stuck or sucked in at the air inlet and outlet, and clean them thoroughly, otherwise it may damage the fan or cause a fire hazard

CAUTION ! ! !

Disconnect from mains before starting maintenance operation. ●

8. Duty exonerative and copyright protection

- * Light source belongs to consumption products, not within the scope of warranty.
- * The manufacturer shall not bear any responsibility for any damage caused by failure to operate in accordance with this instruction.
- * All the information in this manual shall be interpreted by the manufacturer.
- * All the information in this manual shall not be copied without permission.
- * The data contained in this statement are subject to change in the future without prior notice.