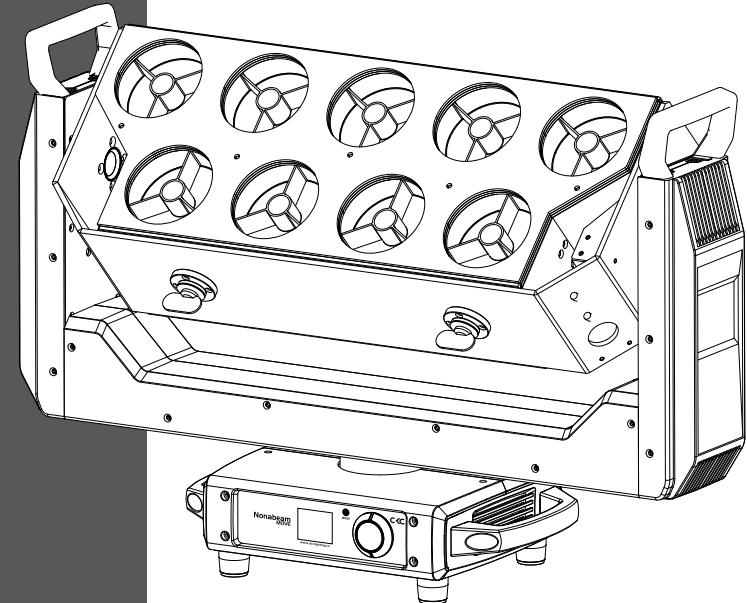


CKC

# NONABEAM MOVE



[www.ckclighting.com](http://www.ckclighting.com)

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Before carrying out any installation, maintenance, or cleaning of the lighting fixtures, please confirm that the power has been cut off! Before using this fixture, please read this manual. Our company reserves the right to change product design and specifications without prior notice.

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# ★ Statement ★

- This manual contains important information on safe use and installation. Please read it carefully and follow the requirements for operation and installation. Please keep this manual properly;
- The equipment has good performance and complete packaging when it leaves the factory. The operator should strictly follow the warning items and operating instructions stated in the manual. Any malfunction or damage caused by misuse or neglect of the manual is not within the scope of our company's responsibility and warranty;
- The relevant information in this manual is for reference only. All lighting products are subject to the actual product. Any changes will not be notified separately, and our company reserves the right of final interpretation.

## 1. Security Warning Information



### Attention !

Please read the safety requirements information in this section carefully before installing, powering on, operating, or repairing the lighting fixtures.



- This product is for professional use and is not suitable for other purposes;
- After receiving the lighting fixtures, please check if the packaging is complete and unpack to check if the equipment has been damaged due to transportation. If there is any damage caused by transportation, please do not use this lamp and contact local technicians or manufacturers as soon as possible;
- When transporting again, please use the original packaging materials;
- If there is obvious damage to the machine casing, it should be replaced in a timely manner;
- When hanging lamps, it is necessary to verify that the hanging equipment can withstand more than 6 times the weight of the lamp. After installation, it is necessary to verify that the lamp cover and installation buckle are secure and undamaged. At the same time, a safety rope should be used as an auxiliary safety for the lamp and fixed on the truss;
- The light source inside this luminaire should be replaced by the manufacturer, its service agent, or a similarly qualified person;
- If you have any other questions about how to safely operate the equipment, please contact our technical personnel or call our service hotline;
- This product has a protection level of IP20 and is suitable for indoor use;
- Avoid direct external strong light shining on the lens, which may cause the lens to focus and burn out internal components.



- Lighting fixtures should be kept clean and avoid prolonged use in overheated or dusty environments to prevent contact with chemical liquids;
- When using the product, attention should be paid to avoiding serious or fatal injuries caused by fire, heat, electrical shock, and ultraviolet radiation. Before powering on or installing, read the instruction manual first. Follow the safety precautions for operation and pay attention to the warning signs on the instructions and equipment;
- Only professionals are allowed to install, operate, and maintain lighting fixtures, and strictly follow the procedures stated in the operating instructions.



- The eyes cannot directly look at the luminous object;
- Do not connect this device to any dimmer;
- If visible damage occurs to the protective casing, lens, and display screen on the lighting fixture, it is considered as damage to the point of loss;
- Please do not place any filters or other items at the light outlet, and do not replace non original parts;
- The minimum safe illumination distance of the lamp is 1m.



- Before installation, please confirm that the power supply voltage used matches the voltage indicated on the light fixture. Each lighting fixture should be properly grounded and electrically installed according to relevant standards;
- Please disconnect the power before repairing or cleaning the equipment;
- During the operation of the lighting fixtures, touching the wires is prohibited to prevent electric shock;
- If the external soft cable or wire of this lamp is damaged, the wire should be replaced by the manufacturer, its agent, or a similarly qualified person to avoid danger;
- Avoid flammable liquids, water, or metal conductors from entering the interior of the lamp to prevent electric shock or fire. If any foreign objects enter the lamp, immediately cut off the power supply;
- When multiple lamps are operated in series, the signal lines can be connected in multiple ways, but the power supply must be connected separately.



- The lighting fixtures work normally at -20 °C to 45 °C . When replacing any components or accessories in the equipment, ensure that the power is disconnected to prevent electric shock and injury;
- The maximum surface temperature of the lamp during operation can reach 64 °C , please do not touch it with bare hands.

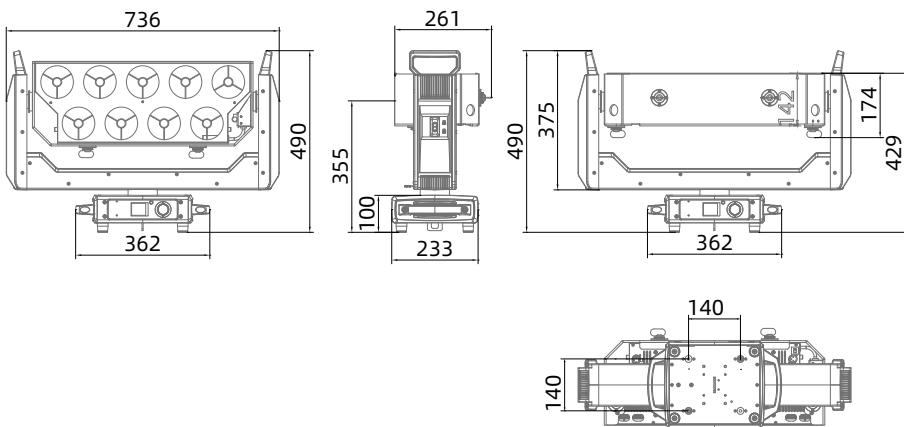


- The lighting fixtures must be installed in a sufficiently ventilated area, at least 0.5m away from adjacent surfaces, to ensure that no ventilation holes are blocked;
- Do not install the lighting fixtures directly on flammable objects;
- The minimum distance between all outer surfaces of the lamp and combustible materials is 0.5m.

## 2. Product Introduction

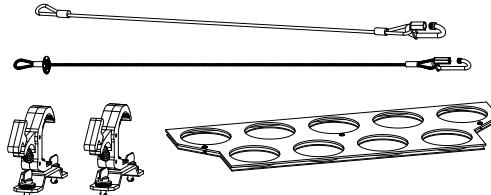
### 2.1 Exterior dimensions of lighting fixtures

736 × 233 × 490 mm



### 2.2 Packaging accessories

Name	QTY
Omega bracket	2 PCS
Clamp	2 PCS
Safety cable	2 PCS
Backlit acrylic	1 PCS



## 3. Main technical parameters of the equipment

Product execution standards: GB7000.1-2023, GB7000.217-2023, Q/YF-2017

### ● Electrical parameter

Rated input voltage: AC 100V-240V~ 50Hz/60Hz  
 Rated power of the entire fixture: 800 W  
 Power factor: 0.99F  
 Input Current: 3.63A 220V

### ● Source lifespan

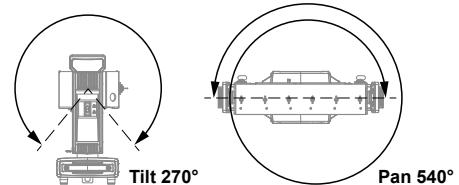
>20000 hours

### ● Optical system

LED source: 9 × 60W WW+CW LED / RGB LED  
 Beam angel: 14° (One LED 4.5° )  
 Field angle: 20° (One LED 8° )  
 CCT: 3200~6500 K

### ● Pan/Tilt

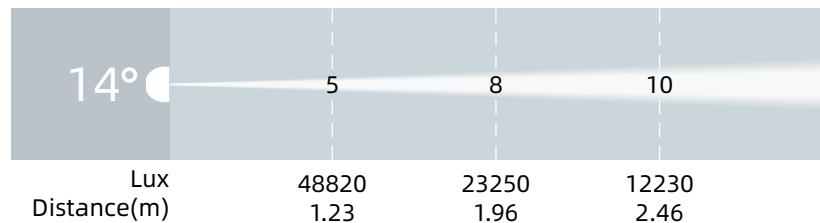
**Pan scan:**  
 540° or 630° 8-bit/16bit precision scanning  
**Tilt scan:**  
 270° 8-bit/16bit precision scanning



### ● Control and programming

Control channel: 5CH/18CH/34CH/50CH  
 Protocol: DMX512, RDM  
 Data connect: 3/5 pin signal in/out

### ● Illumination draw



### ● Other effect function

Fast electronic strobe: 1~25Hz LED can pixel control

### ● Other features and functions

Weight: 28.9 KG

## 4. Packaging and transportation

### 4.1 Disassemble packaging



Notice: After receiving the fixture, please unpack and check for any damage caused by transportation. If there is any damage caused by transportation, please do not use this fixture and contact the local technical personnel or manufacturer as soon as possible.

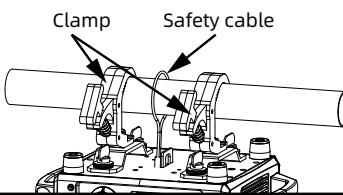
## 4.2 Equipment packaging

- 1). Disconnect the power supply before packaging the lighting fixtures to allow them to cool completely;
- 2). Flight cases can only be stacked in two layers and are not allowed to be reversed.

## 5. Installation Requirements Explanation

### 5.1 Clamp install

The lighting fixtures can be installed on the stage or on any direction of the truss, and the clamp can be quickly and easily locked onto the truss.

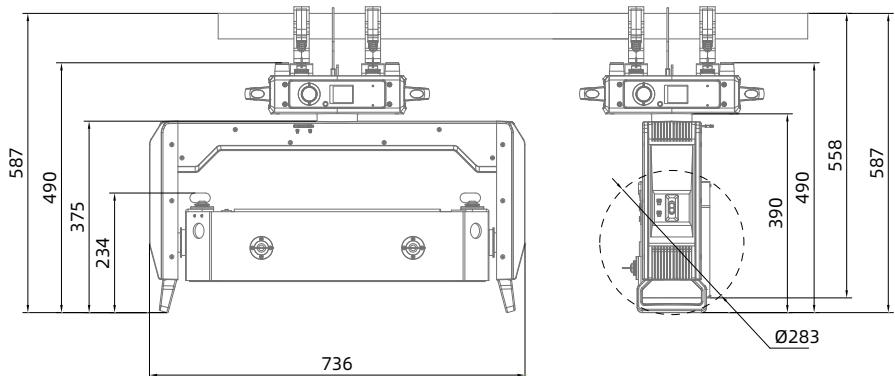
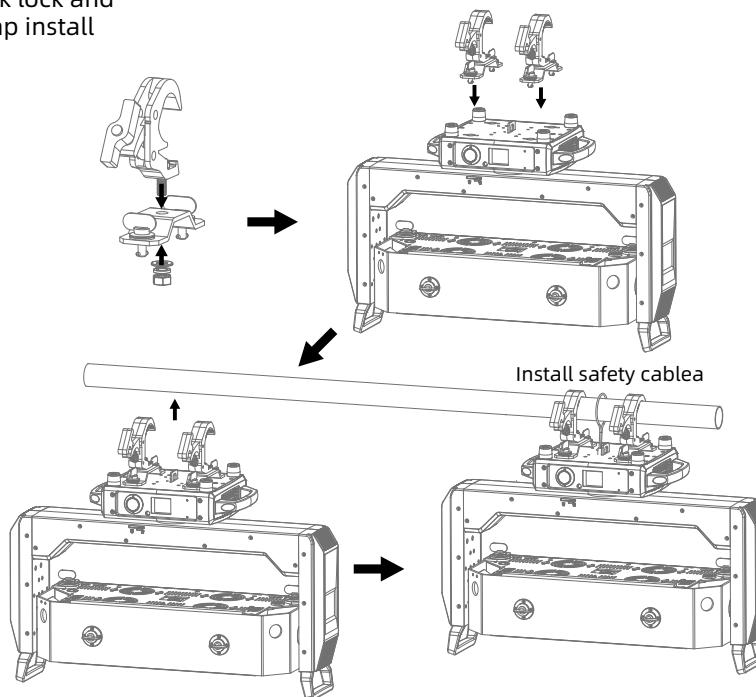


### Waining !

The lighting fixtures are divided into two versions: integrated light hook and normal. When using the integrated light hook version, the clamp is broken up and locked onto the truss. The normal version must use 2 clamps to secure the device and fasten it with a 1/4 rotation. Regardless of the version, one safety rope must be added and connected to the base hole, but be careful not to connect it to the handling handle.



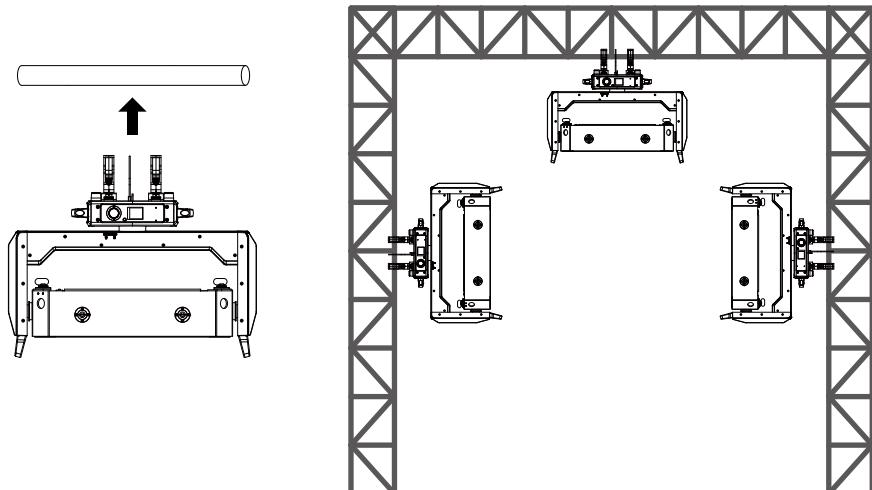
### Quick lock and clamp install



### 5.2 Equipment installation

- 1). Before installation, it is necessary to verify that the lamp hook and safety rope are not damaged, and that the installation object can withstand 6 times the total weight of the lamp and cable accessories;
- 2). Install the quick lock clamp on the base of the lamp body. Insert the clamp horizontally into the mounting hole of the base, rotate it clockwise 1/4 turn to lock it, and install the second clamp using the same method (the shape of the clamp should be based on the actual product).

### 5.3 Hanging Installation Diagram

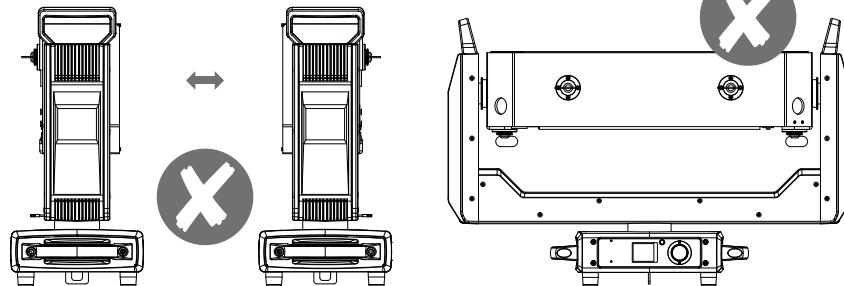




### Reminder: External beam source may damage internal lighting fixtures

External beams from direct sunlight, lighting fixtures, and lasers that are directly focused onto the casing or penetrate the lens to illuminate the interior of the fixture may cause damage to the components. This is a common issue with all lighting fixtures and does not occur alone with CKC products. Although there is no way to completely prevent this problem from occurring, following the following guidelines can prevent potential damage.

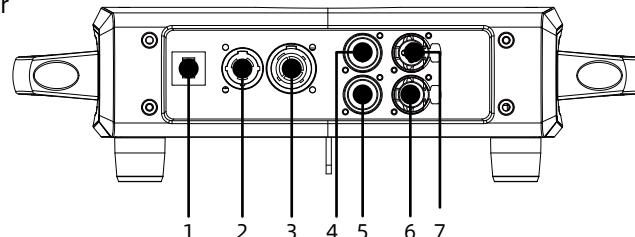
**When unpacking, installing, using, and stopping the operation of the lighting fixtures, please do not expose the transparency of the fixtures the mirror is exposed to direct sunlight, other lighting fixtures, or laser beams, Do not directly focus the beam of this device onto another lighting fixture.**



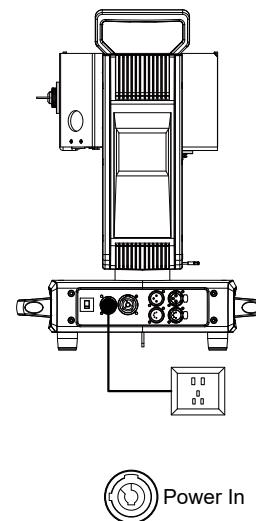
## 6. Power、Signal connect

### 6.1 Power and signal socket

1. Overload protector
2. Power input
3. Power output
4. DMX input
5. DMX input
6. DMX output
7. DMX output



### 6.2 Power connect



#### Connection method:

L(live wire) - brown wire

E(Ground wire) - yellow/green dual color line

N(Zero Line) - Blue Line

When connecting the power supply, please note that the voltage and frequency of the power supply must match the voltage and frequency marked on the light fixture. When multiple fixtures are used simultaneously, it is recommended to connect the power supply of each fixture separately, so that each fixture can be individually controlled for power on/off.

**Attention:** When connecting the power supply, the ground wire (yellow/green dual color wire) must be safely grounded and comply with all relevant electrical installation standards.

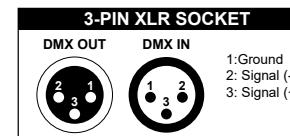
This product uses Powercon In/Out to connect power cords. Due to power limitations, a 2-square 220V power cord can carry up to 2 products.



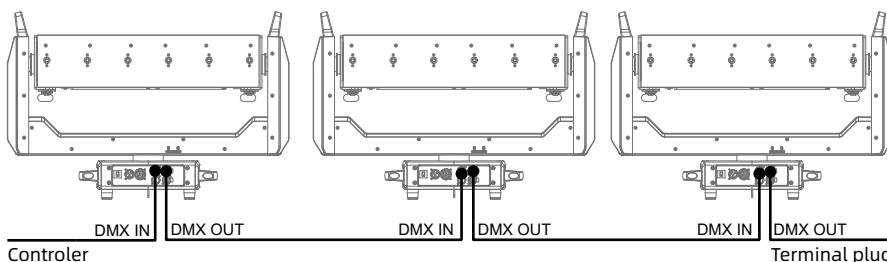
#### Warning !

- Do not connect too many fixtures or overload a single power cord;
- Do not use power cords with damaged insulation layers, and do not place power cords on other wires;
- When the fixture is not in use or cleaned, please unplug the power cord; Do not forcefully unplug or drag the power cord directly.

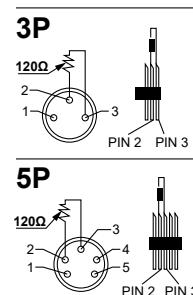
### 6.3 Signal connect



The lighting fixtures are equipped with standard DMX XLR input and output sockets. Please use DMX512 shielded twisted pair signal cables or Category 3/5 or above network twisted pair cables for connection. The typical connection distance for DMX signal lines is 150 meters. When transmitting signals over long distances, a DMX512 signal amplifier must be added.

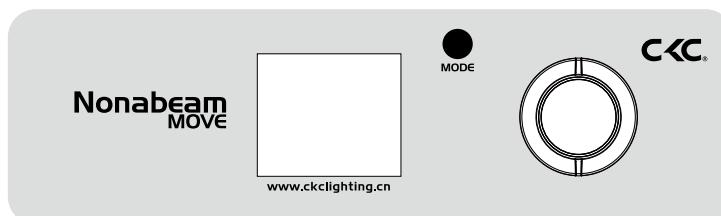


Connect a shielded twisted pair signal cable from the DMX output port of the controller to the DMX input port of the first device, and from the DMX output port of the first device to the DMX input port of the second device, and so on, until all the lamps are connected. Then install a terminal plug on the last 3 pin socket of each connected lamp output. (Weld a 4/1W, 120 Ω resistor between the 2 and 3 pins of a 3 or 5 core pin XLR plug).



## 7. Control panel

### 7.1 Panel Introduction



- Adopting a 1.8 "LCD display screen, the operation panel is equipped with a rechargeable battery, which can enter the menu to set address codes and make other settings without powering on;
- Press the MODE key to view or modify the lighting function settings;
- Select the function menu by rotating the knob in the forward/reverse direction;
- Press the knob to confirm the selected function; Enter the corresponding sub menu in the menu, where each menu represents a specific function of the lighting fixture;
- Press the knob to confirm your modifications or enter the submenu, and use the knob to rotate forward/backward to modify the values (increase or decrease values);
- Press the MODE key to return to the previous menu or exit.

## 7.2. System menu

Note: The gray color block is the default setting value

Software Update Please Wait CKC Nonabeam Move Motor Reset Please Wait...		
<b>Receive</b>	Set Address	001~XXX
<b>User Mode</b>	User Mode	5CH 18CH 34CH 50CH
	No DMX Mode	Hold/Black
	Temp. C/F	Celsius Fahrenheit
<b>Function</b>	LCD.Set	Backlight Key Lock Disp Flash
	Disp.Set	Chan.Value
	DFSE	ON/OFF
	Time.Info	CurrentTime (Hours) Total Time (Hours) Last Time (Hours) Timer PIN (ON/OFF) Clear Last (Password=050) Clear Total (Password=060)
	Temp. Info	PIX: XXX C/F RGB: XXX C/F
	Error. Info	NONE/Pan,Tilt
	Model. Info	Nonabeam Move
	Software.V	1U01 V1.0.1 2U01 V1.0.1 NONABEAM:XXXX
<b>Test</b>	Reset.Motor	All
	Calibrate	-Password 050- PAN Tilt

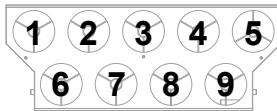
## 8. DMX channel table:

05CH	18CH	34CH	50CH	Value	Function
1	1	1	1	000-255	Pan (0-100%)
2	2	2	2	000-255	Pan Fine (0-100%)
3	3	3	3	000-255	Tilt (0-100%)
4	4	4	4	000-255	Tilt Fine (0-100%)
				000-220	Pan/Tilt Speed Fast to Slow
5	5	5	5	221-248	No Function
				249	All Motor Reset
				250-255	No Function
				000-255	WW Dimmer (0-100%)
6	6	6			WW Dimmer Fine (0-100%)
7	7				CW Dimmer (0-100%)
8	8	7		000-255	CW Dimmer Fine (0-100%)
9	9				CW/WW Strobe
10	10	8	8	000-001	Not Function
				002-085	All random strobe Slow to fast
				086-169	Single-point random strobe Slow to fast
				170-253	Strobe slow to fast
				254-255	Closed
				000-255	WW1 (0-100%)
	11	9			WW1 Fine (0-100%)
		10		000-255	CW1 (0-100%)
	12	11			CW1 Fine (0-100%)
		12		000-255	WW2 (0-100%)
			14	000-255	WW2 Fine (0-100%)
			14	000-255	CW2 (0-100%)
			16	000-255	CW2 Fine (0-100%)
			15	000-255	WW3 (0-100%)
			18	000-255	WW3 Fine (0-100%)
			16	000-255	CW3 (0-100%)
			20	000-255	CW3 Fine (0-100%)
			17	000-255	WW4 (0-100%)
			22	000-255	WW4 Fine (0-100%)
			18	000-255	CW4 (0-100%)
			24	000-255	CW4 Fine (0-100%)
			19	000-255	WW5 (0-100%)
			26	000-255	WW5 Fine (0-100%)
			20	000-255	CW5 (0-100%)

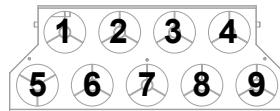
		28	000-255	CW5 Fine (0-100%)				
		21	000-255	WW6 (0-100%)				
		30	000-255	WW6 Fine (0-100%)				
		22	000-255	CW6 (0-100%)				
		32	000-255	CW6 Fine (0-100%)				
		23	000-255	WW7 (0-100%)				
		34	000-255	WW7 Fine (0-100%)				
		24	000-255	CW7 (0-100%)				
		36	000-255	CW7 Fine (0-100%)				
		25	000-255	WW8 (0-100%)				
		38	000-255	WW8 Fine (0-100%)				
		26	000-255	CW8 (0-100%)				
		40	000-255	CW8 Fine (0-100%)				
		27	000-255	WW9 (0-100%)				
		42	000-255	WW9 Fine (0-100%)				
		28	000-255	CW9 (0-100%)				
		44	000-255	CW9 Fine (0-100%)				
		11	29	45	RGB Dimmer (0-100%)			
					RGB Strobe			
					000-007	No Function		
					008-067	Random strobe Slow to fast		
					068-255	Strobe slow to fast		
			13	31	47	000-255	Red (0-100%)	
			14	32	48	000-255	Green (0-100%)	
			15	33	49	000-255	Blue (0-100%)	
							RGB Effect	
							000-004	No Function
							005-010	Red
							011-016	Orange
							017-022	Yellow
							023-028	Green
							029-034	Cyan
							035-040	Blue
							041-046	Purple
							047-082	Red/Blue switching (slow fast)
							083-118	Red/Green switching (slow fast)
							119-154	Blue/Green switching (slow fast)
							155-255	Color Fade (very slow → fast)
								Effect

17	34	50	000-003	No Function
			004-039	METEOR 1
			040-075	METEOR 2
			076-111	FLOW 1
			112-147	FLOW 2
			148-183	CFADE
			184-219	CHANGE
			220-255	FADE
				Device settings
			000-007	No function
			008-108	DIMMER SPEED: (0,0s → 0,7s)
			109-114	No function
			115-120	<b>PIXEL ORDER: A (Standard 0°)</b>
			121-126	<b>PIXEL ORDER: B (Rotated over 180°)</b>
			127-132	<b>PIXEL ORDER: C (Rotated over +90°)</b>
			133-138	<b>PIXEL ORDER: D (Rotated over -90°)</b>
			139-144	No function
			145-150	FAN AUTO: temperature controlled
			151-156	FAN FULL: always on
			157-162	No function
			163-168	LINEAR dimmer curve
			169-174	SQUARE dimmer curve
			175-180	INVERSE SQUARE dimmer curve
			181-186	S-CURVE dimmer curve
			187-192	No function
			193-198	LOAD saved FACTORY settings to SETUP MENU
			199-255	No function

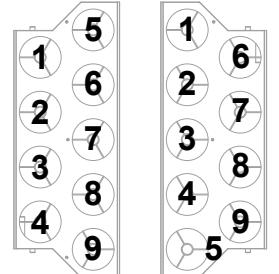
#### PIXEL ORDER



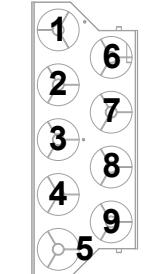
A



B

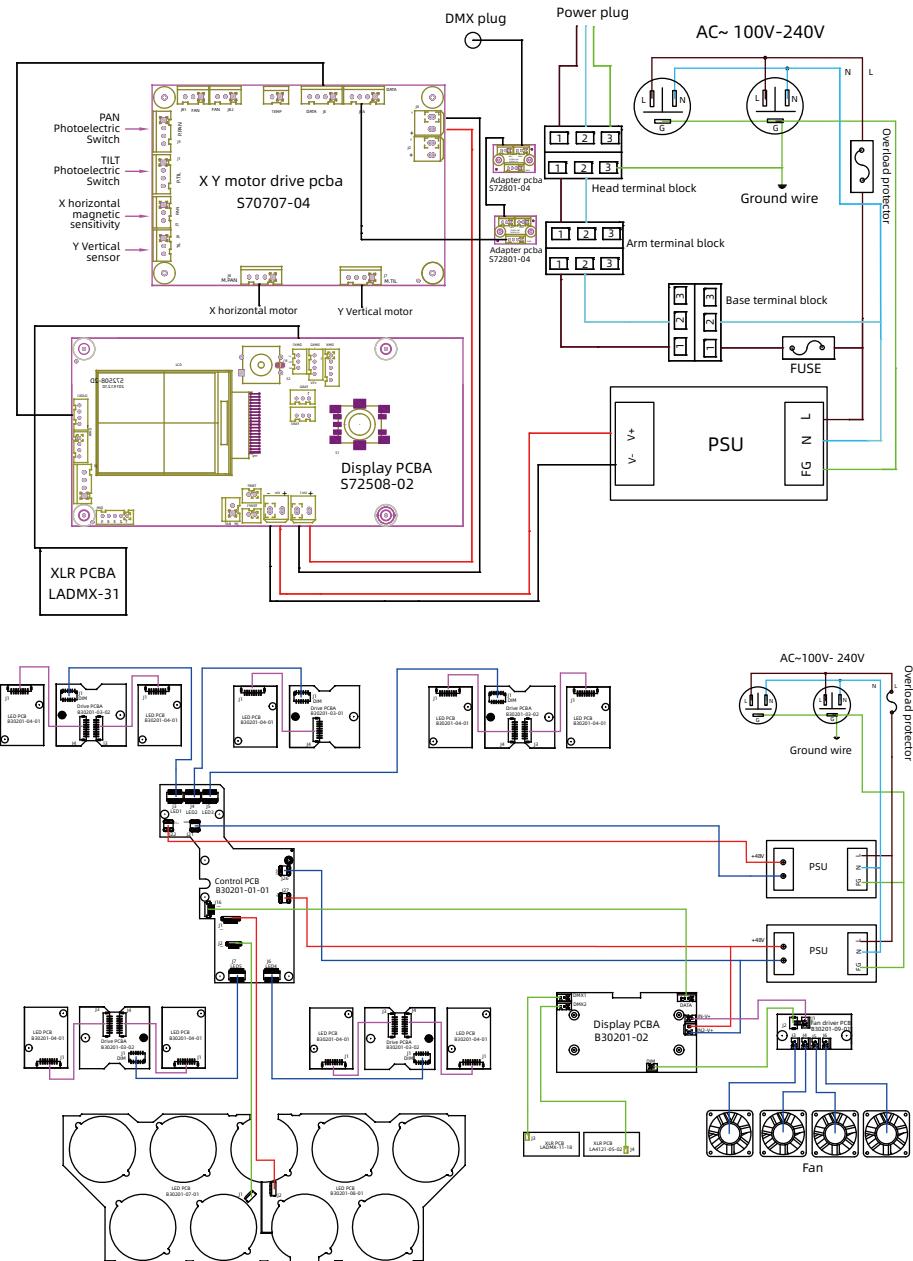


C



D

#### 9. Control circuit diagram



## 10. Regular maintenance

### 10.1 Cleaning and maintenance

Lighting fixtures require daily cleaning and maintenance, and their service life largely depends on the operating environment and standards. If you have any questions, please consult our technical engineers for advice. Maintenance and repair work not included in this book should be entrusted to our qualified technical engineers.

**Attention!** Damage caused by dust, e-liquid, or other reasons, as well as abnormal use, is not covered by the warranty.



#### Warning !

Before opening any lid, disconnect the power supply. Cleaning optical components requires gentle wiping as the coating surface is prone to scratching. Do not use damaging liquids or hard objects, as they may damage the plastic or coating surface.

- When the lens is cracked or otherwise damaged, it should be replaced in a timely manner;
- When the brightness significantly decreases, the LED may have reached its expiration date and should be replaced in a timely manner;
- When the fixture cannot start, please check if the fixture power fuse is blown. If it is blown, a fuse of the same specification must be used for installation;
- The fixture is equipped with a temperature protection device. When the temperature is too high, the protection device will automatically reduce power.
- When this situation occurs, please check whether the fan is running normally, whether the fan and fan mesh are clogged with dust, identify the fault and repair it before starting the fixture. Please note that only qualified technicians are allowed to carry out maintenance work;
- To maintain smooth movement of the focusing lens, it is recommended to lubricate the guide rail of the focusing lens every three months. Excellent and high-temperature resistant lubricating grease should be used, and excessive grease should not be used as it can easily dirty adjacent components.

### 10.2 Fault analysis and handling

Fault description	Analysis	Processing method
No action after power on	Check if the power switch is turned on	Turn on
	Check if the fuse is blown	Replace
	Check if the output of PSU is normal	Detecting voltage
	Check if poor contact in the internal circuit	Reconnect

Uncontrolled lighting fixtures	Check if the DMX signal cable is connected correctly (If there is no signal, the display screen will flash)	Reconnect or replace
	Check if the address code is correct and if the DMX mode of the lighting fixture matches the settings	Reconfirm
	The main control PCB is damaged	Replace
Not bright	LED aging or damage	Replace
	Power PCB malfunction	Check/ Replace
	Loose or poor contact of the circuit	Reconnect
Automatically turn off or dim the lights	PSU malfunction	Replace
	LED aging	Replace
	Damaged cooling fan or abnormal wind speed	Replace
Weak light efficiency and uneven light spot	Check the power output of the fan	Check/ Replace
	The temperature control switch is damaged	Replace
	LED aging	Replace
Impure color	LED not centered with the lens	Adjust LED
	The optical mirror has accumulated dust or stains	Clean
	The optical mirror is damaged	Replace
Head or base fan stops rotating	Weakening of light efficiency	Replace led PCB
	Check if the fan leads are installed properly or disconnected	Re connect
	Check if the fan is damaged	Replace
	Check if there are any other interfering objects within the operating range of the fan	Adjust

**Attention!** The above analysis is for abnormal reference only. Non professionals are not allowed to disassemble and repair the machine

