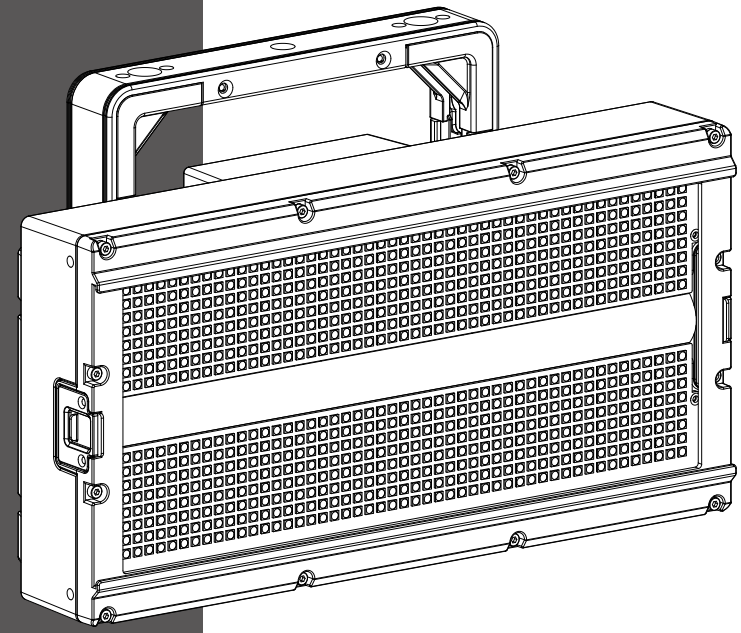
EV Block IP



www.ckclighting.com

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.

CKC LIGHTING CO.,LTD

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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 IP65 and can be used both indoors and outdoors.

- 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.

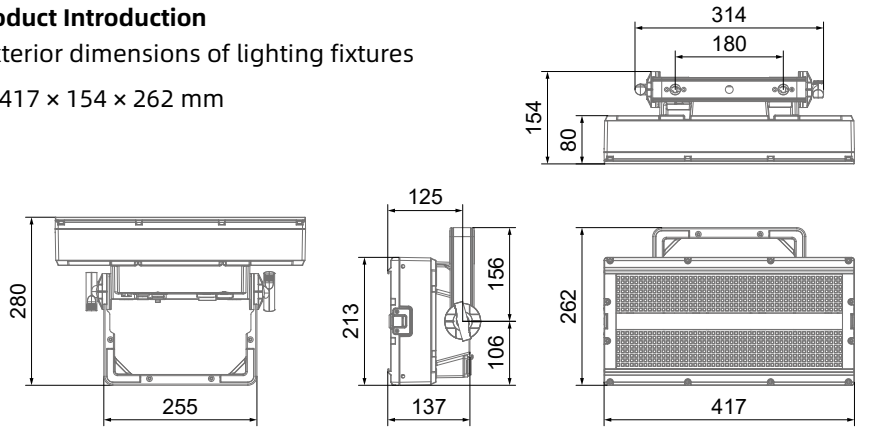
- The lighting fixtures work normally at -20 ℃ to 45 ℃ . When replacing any components or accessories in the equipment, ensure that the power is disconnected to prevent electric shock and injury;
- The maximum surface temperature of the lamp during operation can reach 65 ℃ , please do not touch it with 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

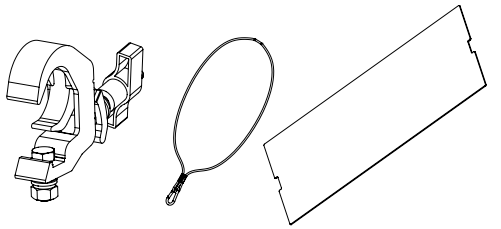
2.1 Exterior dimensions of lighting fixtures

417 × 154 × 262 mm



2.2 Packaging accessories

Name	QTY	
Clamp	1	PCS
Atomizing Blade	1	PCS
Safety cable	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

	Power	Power factor	Input Current
Rated power	205W	0.91F	1.11A 220V
Strobe power	600W	0.98F	2.68A 220V

● Source lifespan

> 20000 hours

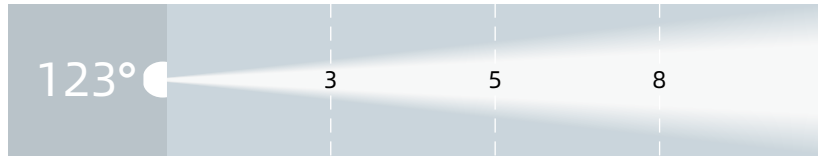
● Optical system

Source：800 × 0.5W RGB LED + 48 × 5W CW LED
Output luminous flux：12000 Lm
Beam angle：X/66°|Y/65°（RGB） X/78°|Y/42°（CW）
Field angle：X/123°|Y/110°（RGB） X/120°|Y/79°（CW）
CCT：2300K-9000K

● Control and programming

Control channel：14CH/32CH/37CH/47CH/77CH/126CH/137CH
Protocol：DMX512, RDM
Data connect：3 pin signal in/out

● Illumination draw



Lux	1010	410	175
Distance(m)	11.05	18.42	29.47

● Other effect function

Fast electronic strobe：1~25Hz LED refresh rate：900HZ-25KHZ
Dimming Curve：4 Dimming Mode：6

● Other features and functions

Weight：8.9 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.

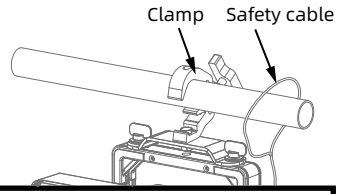
4.2 Equipment packaging

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

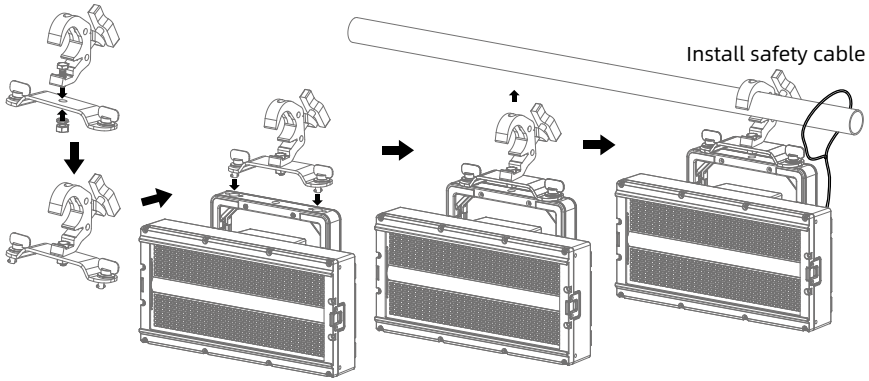
The lighting fixtures can be installed on the stage or on any direction of the truss, and the clamp can be quickly and easily locked onto the truss.

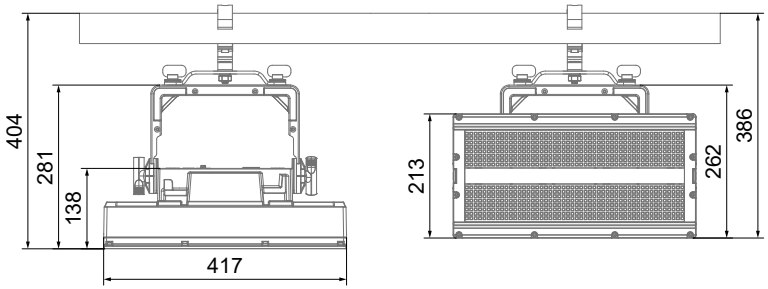


Waining !

The clamp is installed on the handle. Insert the clamp into the handle mounting hole horizontally and tighten it with bolts (the shape of clamp shall be subject to the actual object).

Quick lock and clamp install

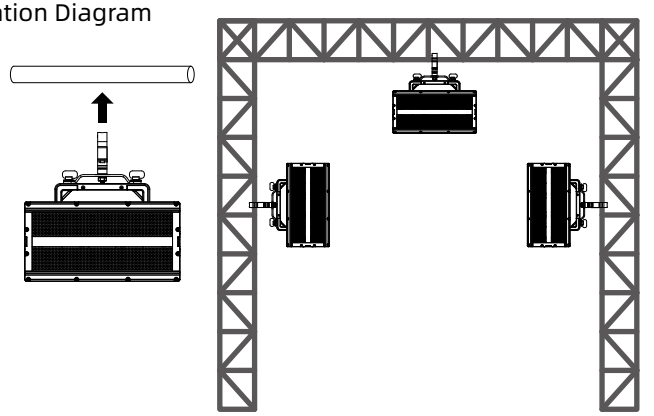




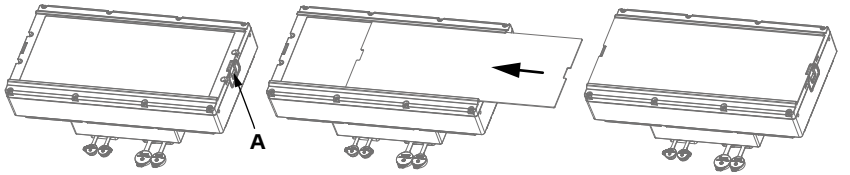
5.2 Equipment installation

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



5.4、Install Atomizing Blade



Press the locking key at position A downward.

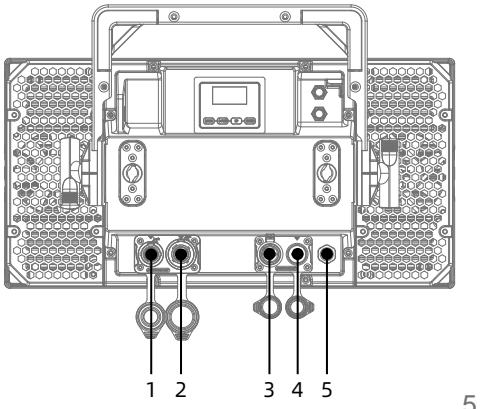
Insert the atomizer disc through the side cover opening

After the atomizing tablet is in place, release the locking key.

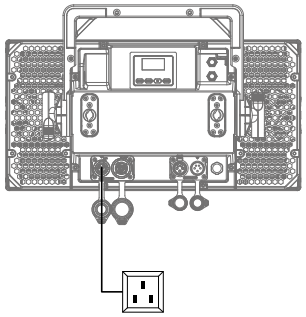
6. Power、Signal connect

6.1 Power and signal socket

1、Power IN
2、Power OUT
3、DMX OUT
4、DMX IN
5、Breathable valve



6.2 Power connect



Power In

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.

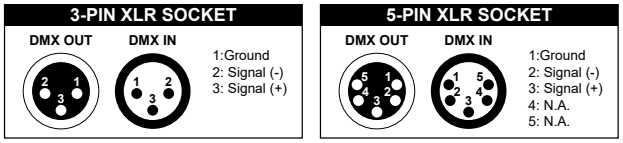
Attention: When connecting the power supply, the ground wire (yellow/green dual color wire) must be safely grounded and comply with all relevant electrical installation standards.

This product uses Powercon In/Out to connect power cords. Due to power limitations, a 2 square meter power cord can carry up to 3 products at 220V

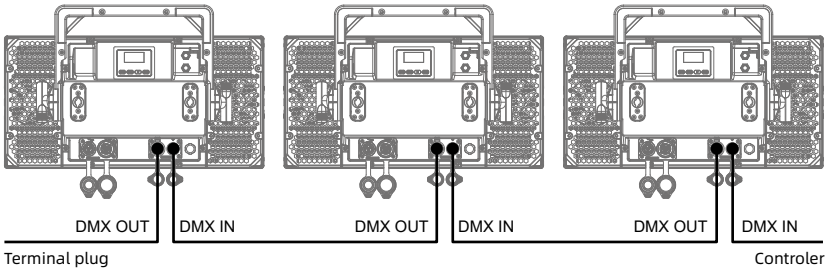
Waining !

- 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.

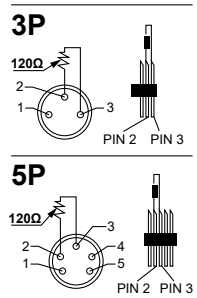
6.3 Signal connect



The lighting fixtures are equipped with standard DMX XLR input and output sockets. Please use DMX512 shielded twisted pair signal cables or Category 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.

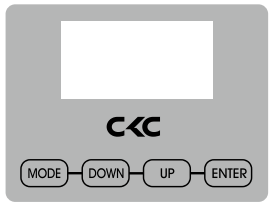


Connect a shielded twisted pair signal cable from the DMX output port of the controller to the DMX input port of the first device, and from the DMX output port of the first device to the DMX input port of the second device, and so on, until all the lamps are connected. Then install a terminal plug on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



7. Control panel

7.1 Panel Introduction



- Adopting OLED display screen;
- Press the MODE key to view or modify fixture function settings, and press UP and DOWN;
- Press the ENTER key to confirm your selected function menu, which will take you to the corresponding sub menu in the menu. Each menu item represents a specific function of the lighting fixture (as shown in the table below);
- Press the ENTER key to save your modifications or enter a submenu, and press the UP or DOWN key to modify 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	
Menu Option	**Level 1**	**Level 2**
DMX Settings	DMX Address	001 - 512
	DMX Channel Mode	14CH
		32CH
		37CH
		47CH
		77CH
		126CH
		137CH
	No DMX Status	Hold
		Blackout
		Manual
	Master/Slave Mode	Master/Slave
	Fan Mode	Auto
		High
		Silent
	Pixel Flip	On/Off

Personality	Dim Modes	Standard	
		Stage	
		TV	
		Architectural	
		Theatre	
		Stage 2	
	Dim Curves	Linear	
		Square	
		Square Inverse	
		S-Curve	
	LED Refresh Rate	900~1500, 2500, 4000, 5000, 10KHz, 15KHz, 20KHz, 25KHz（1200Hz）	
	LED Power Limit	50%	
		60%	
		70%	
		80%	
		90%	
		100%	
	Display	Screen Delay Off，10s - 5min	
		Screen Lock OFF - 5 minutes	
		Rotate Display YES / NO/AUTO	
	Temperature Unit	° C/° F	
	Service 密码：011	Wite Balance	ALL Red 000-255
			ALL Green 000-255
			ALL Blue 000-255
			ALL White 000-255
			Row1 R1 000-255
			Row1 G1 000-255
			....
			W6 000-255
		Factory Restore YES / NO	
	Calibration 2	Top Calibra	Red 000-255 Green 000-255 Blue 000-255
		Bot Calibra	Red 000-255 Green 000-255 Blue 000-255
	CCT Calibration	Top Calibra	Red 000-255 Green 000-255 Blue 000-255
		Bot Calibra	Red 000-255 Green 000-255 Blue 000-255

Manual	Red	000-255
	Green	000-255
	Blue	000-255
	White	000-255
	CCT（2300K-9000K）	000-255
	Green Shift	000-255
	RGB Shutter	000-255
	RGB Dimmer	000-255
	White Shutter	000-255
	White Dimmer	000-255
	Self Test	All
		Dimmer
		Color
Info	On Time	Current Run Time
		Total Run Time
		Last Run Time
		Reset Last Run Time （Passcode = 050）
	Temperature	Current Temp xxx°
		Max Temp 1 xxx°
		Max Temp 2 xxx°
		TempRst.（Passcode = 050）
	Humidity	xxx%
	DMX Values	Dimmer xxx
		Strobe xxx
		...
	Product ID's	RDM UID
	Error Logs	Fixture Errors
		Reset Error Log YES / NO
	Software Version	1U: V1.01 2U1:V1.01 2U2:V1.01

8. DMX channel table:

DMX TRAITS: 14 CHANNEL MODE

Features subject to change without notice		
14 CHANNEL MODE	**VALUE**	**FUNCTION**
1	000-255	Outer Red: 0 to 100%
2	000-255	Outer Green: 0 to 100%
3	000-255	Outer Blue: 0 to 100%
4	000-255	Outer Color Macros
5	000-255	Outer Dimmer: 0 to 100%

6	000-255	Outer Dimmer Fine: 0 to 100%
7		**Strobe Effect**
	0-31	Close
	32-63	Open
	64-95	Strobe slow to fast
	96-127	Open
	128-159	Strobe pluse slow to fast
	160-191	Open
	192-223	Random slow to fast
	224-255	Open
8		**Outer Program Macro**
	0-5	No function
	6-15	Macro1
	16-25	Macro2
	26-35	Macro3
	36-45	Macro4
	46-55	Macro5
	56-65	Macro6
	66-75	Macro7
	76-85	Macro8
	86-95	Macro9
	96-105	Macro10
	106-115	Macro11
	116-125	Macro12
	126-135	Macro13
	136-145	Macro14
	146-155	Macro15
	156-165	Macro16
	166-175	Macro17
	176-185	Macro18
	186-195	Macro19
	196-205	Macro20
	206-215	Macro21
	216-225	Macro22
	226-235	Macro23
	236-245	Macro24
	246-255	Macro25
9	0-255	Outer Program Macro Speed
10	000-255	Inner Dimmer: 0 to 100%
11	000-255	Inner Dimmer Fine: 0 to 100%
12		**Inner Strobe Effect**
	0-31	Close
	32-63	Open
	64-95	Strobe slow to fast
	96-127	Open
	128-159	Strobe pluse slow to fast
	160-191	Open
	192-223	Random slow to fast
	224-255	Open
13		**Inner Program Macro**
	0-5	No function
	6-33	Macro1
	34-60	Macro2
	61-88	Macro3
	89-116	Macro4
	117-144	Macro5
	145-172	Macro6
	173-200	Macro7
	201-228	Macro8
	229-255	Macro9
14	000-255	Inner Program Macro Speed

DMX TRAITS: 32 CHANNEL MODE

Features subject to change without notice		
32 CHANNEL MODE	**VALUE**	**FUNCTION**
1	000-255	Red1
2	000-255	Green1
3	000-255	Blue1
4	000-255	Red2
5	000-255	Green2
6	000-255	Blue2
7	000-255	Red3
8	000-255	Green3
9	000-255	Blue3
10	000-255	Red4
11	000-255	Green4
12	000-255	Blue4
13	000-255	Red5
14	000-255	Green5
15	000-255	Blue5
16	000-255	Red6
17	000-255	Green6
18	000-255	Blue6
19	000-255	Red7
20	000-255	Green7
21	000-255	Blue7
22	000-255	Red8
23	000-255	Green8
24	000-255	Blue8
25	000-255	Outer Dimmer: 0 to 100%
26	000-255	Outer Dimmer Fine: 0 to 100%

27		**Outer Strobe Effect**
	0-31	Close
	32-63	Open
	64-95	Strobe slow to fast
	96-127	Open
	128-159	Strobe pluse slow to fast
	160-191	Open
	192-223	Random slow to fast
	224-255	Open
28	000-255	Inner White Group 1
29	000-255	Inner White Group 2
30	000-255	Inner Dimmer: 0 to 100%
31	000-255	Inner Dimmer Fine: 0 to 100%
32		**Inner Strobe Effect**
	0-31	Close
	32-63	Open
	64-95	Strobe slow to fast
	96-127	Open
	128-159	Strobe pluse slow to fast
	160-191	Open
	192-223	Random slow to fast
	224-255	Open

DMX TRAITS: 37 CHANNEL MODE

Features subject to change without notice		
37 CHANNEL MODE	**VALUE**	**FUNCTION**
1	000-255	Red1
2	000-255	Green1
3	000-255	Blue1
4	000-255	Red2
5	000-255	Green2
6	000-255	Blue2
7	000-255	Red3
8	000-255	Green3
9	000-255	Blue3
10	000-255	Red4
11	000-255	Green4
12	000-255	Blue4
13	000-255	Red5
14	000-255	Green5
15	000-255	Blue5
16	000-255	Red6
17	000-255	Green6
18	000-255	Blue6
19	000-255	Red7
20	000-255	Green7
21	000-255	Blue7
22	000-255	Red8
23	000-255	Green8
24	000-255	Blue8
25	000-255	Outer Color Macros
26	000-255	Outer Dimmer: 0 to 100%
27	000-255	Outer Dimmer Fine: 0 to 100%
28		**Outer Strobe Effect**
	0-31	Close
	32-63	Open
	64-95	Strobe slow to fast
	96-127	Open
	128-159	Strobe pluse slow to fast
	160-191	Open
	192-223	Random slow to fast
	224-255	Open
29		**Outer Program Macro**
	0-5	No function
	6-15	Macro1
	16-25	Macro2
	26-35	Macro3
	36-45	Macro4
	46-55	Macro5
	56-65	Macro6
	66-75	Macro7
	76-85	Macro8
	86-95	Macro9
	96-105	Macro10
	106-115	Macro11
	116-125	Macro12
	126-135	Macro13
	136-145	Macro14
	146-155	Macro15
	156-165	Macro16
	166-175	Macro17
	176-185	Macro18
	186-195	Macro19
	196-205	Macro20
	206-215	Macro21
	216-225	Macro22
	226-235	Macro23
	236-245	Macro24
	246-255	Macro25
30	000-255	Outer Program Macro Speed
31	000-255	Inner White Group 1

32	000-255	Inner White Group 2
33	000-255	Inner Dimmer: 0 to 100%
34	000-255	Inner Dimmer Fine: 0 to 100%
35		**Inner Strobe Effect**
	0-31	Close
	32-63	Open
	64-95	Strobe slow to fast
	96-127	Open
	128-159	Strobe pluse slow to fast
	160-191	Open
	192-223	Random slow to fast
	224-255	Open
36		**Inner Program Macro**
	0-5	No function
	6-33	Macro1
	34-60	Macro2
	61-88	Macro3
	89-116	Macro4
	117-144	Macro5
	145-172	Macro6
	173-200	Macro7
	201-228	Macro8
	229-255	Macro9
37	000-255	Inner Program Macro Speed

DMX TRAITS: 47 CHANNEL MODE

Features subject to change without notice		
47 CHANNEL MODE	**VALUE**	**FUNCTION**
1	000-255	Red1
2	000-255	Green1
3	000-255	Blue1
4	000-255	Red2
5	000-255	Green2
6	000-255	Blue2
7	000-255	Red3
8	000-255	Green3
9	000-255	Blue3
10	000-255	Red4
11	000-255	Green4
12	000-255	Blue4
13	000-255	Red5
14	000-255	Green5
15	000-255	Blue5
16	000-255	Red6
17	000-255	Green6
18	000-255	Blue6
19	000-255	Red7
20	000-255	Green7
21	000-255	Blue7
22	000-255	Red8
23	000-255	Green8
24	000-255	Blue8
25	000-255	Red 9
26	000-255	Green 9
27	000-255	Blue 9
28	000-255	Red 10
29	000-255	Green 10
30	000-255	Blue 10
31	000-255	Outer Color Macros
32	000-255	Outer Dimmer: 0 to 100%
33	000-255	Outer Dimmer Fine: 0 to 100%
34		**Outer Strobe Effect**
	0-31	Close
	32-63	Open
	64-95	Strobe slow to fast
	96-127	Open
	128-159	Strobe pluse slow to fast
	160-191	Open
	192-223	Random slow to fast
	224-255	Open
35		**Outer Program Macro**
	0-5	No function
	6-15	Macro1
	16-25	Macro2
	26-35	Macro3
	36-45	Macro4
	46-55	Macro5
	56-65	Macro6
	66-75	Macro7
	76-85	Macro8
	86-95	Macro9
	96-105	Macro10
	106-115	Macro11
	116-125	Macro12
	126-135	Macro13
	136-145	Macro14
	146-155	Macro15
	156-165	Macro16
	166-175	Macro17
	176-185	Macro18
	186-195	Macro19

	196-205	Macro20
	206-215	Macro21
	216-225	Macro22
	226-235	Macro23
	236-245	Macro24
	246-255	Macro25
36	000-255	Outer Program Macro Speed
37	000-255	White 1
38	000-255	White 2
49	000-255	White 3
40	000-255	White 4
41	000-255	White 5
42	000-255	White 6
43	000-255	Inner Dimmer: 0 to 100%
44	000-255	Inner Dimmer Fine: 0 to 100%
45		**Inner Strobe Effect**
	0-31	Close
	32-63	Open
	64-95	Strobe slow to fast
	96-127	Open
	128-159	Strobe pluse slow to fast
	160-191	Open
	192-223	Random slow to fast
	224-255	Open
46		**Inner Program Macro**
	0-5	No function
	6-33	Macro1
	34-60	Macro2
	61-88	Macro3
	89-116	Macro4
	117-144	Macro5
	145-172	Macro6
	173-200	Macro7
	201-228	Macro8
	229-255	Macro9
47	000-255	Inner Program Macro Speed

DMX TRAITS: 77 CHANNEL MODE

Features subject to change without notice		
77 CHANNEL MODE	**VALUE**	**FUNCTION**
1	000-255	Red1
2	000-255	Green1
3	000-255	Blue1
4	000-255	Red2
5	000-255	Green2
6	000-255	Blue2
7	000-255	Red3
8	000-255	Green3
9	000-255	Blue3
10	000-255	Red4
11	000-255	Green4
12	000-255	Blue4
13	000-255	Red5
14	000-255	Green5
15	000-255	Blue5
16	000-255	Red6
17	000-255	Green6
18	000-255	Blue6
19	000-255	Red7
20	000-255	Green7
21	000-255	Blue7
22	000-255	Red8
23	000-255	Green8
24	000-255	Blue8
25	000-255	Red 9
26	000-255	Green 9
27	000-255	Blue 9
28	000-255	Red 10
29	000-255	Green 10
30	000-255	Blue 10
31	000-255	Red 11
32	000-255	Green 11
33	000-255	Blue 11
34	000-255	Red 12
35	000-255	Green 12
36	000-255	Blue 12
37	000-255	Red 13
38	000-255	Green 13
39	000-255	Blue 13
40	000-255	Red 14
41	000-255	Green 14
42	000-255	Blue 14
43	000-255	Red 15
44	000-255	Green 15
45	000-255	Blue 15
46	000-255	Red 16
47	000-255	Green 16
48	000-255	Blue 16
49	000-255	Red 17
50	000-255	Green 17
51	000-255	Blue 17
52	000-255	Red 18

53	000-255	Green 18
54	000-255	Blue 18
55	000-255	Red 19
56	000-255	Green 19
57	000-255	Blue 19
58	000-255	Red 20
59	000-255	Green 20
60	000-255	Blue 20
61	000-255	Outer Color Macros
62	000-255	Outer Dimmer: 0 to 100%
63	000-255	Outer Dimmer Fine: 0 to 100%
64		**Outer Strobe Effect**
	0-31	Close
	32-63	Open
	64-95	Strobe slow to fast
	96-127	Open
	128-159	Strobe pluse slow to fast
	160-191	Open
	192-223	Random slow to fast
	224-255	Open
65		**Outer Program Macro**
	0-5	No function
	6-15	Macro1
	16-25	Macro2
	26-35	Macro3
	36-45	Macro4
	46-55	Macro5
	56-65	Macro6
	66-75	Macro7
	76-85	Macro8
	86-95	Macro9
	96-105	Macro10
	106-115	Macro11
	116-125	Macro12
	126-135	Macro13
	136-145	Macro14
	146-155	Macro15
	156-165	Macro16
	166-175	Macro17
	176-185	Macro18
	186-195	Macro19
	196-205	Macro20
	206-215	Macro21
	216-225	Macro22
	226-235	Macro23
	236-245	Macro24
	246-255	Macro25
66	000-255	Outer Program Macro Speed
67	000-255	White 1
68	000-255	White 2
69	000-255	White 3
70	000-255	White 4
71	000-255	White 5
72	000-255	White 6
73	000-255	Inner Dimmer: 0 to 100%
74	000-255	Inner Dimmer Fine: 0 to 100%
75		**Inner Strobe Effect**
	0-31	Close
	32-63	Open
	64-95	Strobe slow to fast
	96-127	Open
	128-159	Strobe pluse slow to fast
	160-191	Open
	192-223	Random slow to fast
	224-255	Open
76		**Inner Program Macro**
	0-5	No function
	6-33	Macro1
	34-60	Macro2
	61-88	Macro3
	89-116	Macro4
	117-144	Macro5
	145-172	Macro6
	173-200	Macro7
	201-228	Macro8
	229-255	Macro9
77	0-255	Inner Program Macro Speed

DMX TRAITS: 126 CHANNEL MODE

Features subject to change without notice		
126 CHANNEL MODE	**VALUE**	**FUNCTION**
1	000-255	Red1
2	000-255	Green1
3	000-255	Blue1
4	000-255	Red2
5	000-255	Green2
6	000-255	Blue2
7	000-255	Red3
8	000-255	Green3
9	000-255	Blue3

10	000-255	Red4
11	000-255	Green4
12	000-255	Blue4
13	000-255	Red5
14	000-255	Green5
15	000-255	Blue5
16	000-255	Red6
17	000-255	Green6
18	000-255	Blue6
19	000-255	Red7
20	000-255	Green7
21	000-255	Blue7
22	000-255	Red8
23	000-255	Green8
24	000-255	Blue8
25	000-255	Red 9
26	000-255	Green 9
27	000-255	Blue 9
28	000-255	Red 10
29	000-255	Green 10
30	000-255	Blue 10
31	000-255	Red 11
32	000-255	Green 11
33	000-255	Blue 11
34	000-255	Red 12
35	000-255	Green 12
36	000-255	Blue 12
37	000-255	Red 13
38	000-255	Green 13
39	000-255	Blue 13
40	000-255	Red 14
41	000-255	Green 14
42	000-255	Blue 14
43	000-255	Red 15
44	000-255	Green 15
45	000-255	Blue 15
46	000-255	Red 16
47	000-255	Green 16
48	000-255	Blue 16
49	000-255	Red 17
50	000-255	Green 17
51	000-255	Blue 17
52	000-255	Red 18
53	000-255	Green 18
54	000-255	Blue 18
55	000-255	Red 19
56	000-255	Green 19
57	000-255	Blue 19
58	000-255	Red 20
59	000-255	Green 20
60	000-255	Blue 20
61	000-255	Red 21
62	000-255	Green 21
63	000-255	Blue 21
64	000-255	Red 22
65	000-255	Green 22
66	000-255	Blue 22
67	000-255	Red 23
68	000-255	Green 23
69	000-255	Blue 23
70	000-255	Red 24
71	000-255	Green 24
72	000-255	Blue 24
73	000-255	Red 25
74	000-255	Green 25
75	000-255	Blue 25
76	000-255	Red 26
77	000-255	Green 26
78	000-255	Blue 26
79	000-255	Red 27
80	000-255	Green 27
81	000-255	Blue 27
82	000-255	Red 28
83	000-255	Green 28
84	000-255	Blue 28
85	000-255	Red 29
86	000-255	Green 29
87	000-255	Blue 29
88	000-255	Red 30
89	000-255	Green 30
90	000-255	Blue 30
91	000-255	Red 31
92	000-255	Green 31
93	000-255	Blue 31
94	000-255	Red 32
95	000-255	Green 32
96	000-255	Blue 32
97	000-255	Red 33
98	000-255	Green 33
99	000-255	Blue 33

100	000-255	Red 34
101	000-255	Green 34
102	000-255	Blue 34
103	000-255	Red 35
104	000-255	Green 35
105	000-255	Blue35
106	000-255	Red 36
107	000-255	Green 36
108	000-255	Blue 36
109	000-255	Red 37
110	000-255	Green 37
111	000-255	Blue 37
112	000-255	Red 38
113	000-255	Green 38
114	000-255	Blue 38
115	000-255	Red 39
116	000-255	Green 39
117	000-255	Blue 39
118	000-255	Red 40
119	000-255	Green 40
120	000-255	Blue 40
121	000-255	White 1
122	000-255	White 2
123	000-255	White 3
124	000-255	White 4
125	000-255	White 5
126	000-255	White 6

DMX TRAITS: 137 CHANNEL MODE

Features subject to change without notice		
137 CHANNEL MODE	**VALUE**	**FUNCTION**
1	000-255	Red1
2	000-255	Green1
3	000-255	Blue1
4	000-255	Red2
5	000-255	Green2
6	000-255	Blue2
7	000-255	Red3
8	000-255	Green3
9	000-255	Blue3
10	000-255	Red4
11	000-255	Green4
12	000-255	Blue4
13	000-255	Red5
14	000-255	Green5
15	000-255	Blue5
16	000-255	Red6
17	000-255	Green6
18	000-255	Blue6
19	000-255	Red7
20	000-255	Green7
21	000-255	Blue7
22	000-255	Red8
23	000-255	Green8
24	000-255	Blue8
25	000-255	Red 9
26	000-255	Green 9
27	000-255	Blue 9
28	000-255	Red 10
29	000-255	Green 10
30	000-255	Blue 10
31	000-255	Red 11
32	000-255	Green 11
33	000-255	Blue 11
34	000-255	Red 12
35	000-255	Green 12
36	000-255	Blue 12
37	000-255	Red 13
38	000-255	Green 13
39	000-255	Blue 13
40	000-255	Red 14
41	000-255	Green 14
42	000-255	Blue 14
43	000-255	Red 15
44	000-255	Green 15
45	000-255	Blue 15
46	000-255	Red 16
47	000-255	Green 16
48	000-255	Blue 16
49	000-255	Red 17
50	000-255	Green 17
51	000-255	Blue 17
52	000-255	Red 18
53	000-255	Green 18
54	000-255	Blue 18
55	000-255	Red 19
56	000-255	Green 19
57	000-255	Blue 19
58	000-255	Red 20

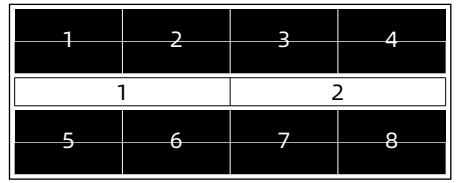
59	000-255	Green 20
60	000-255	Blue 20
61	000-255	Red 21
62	000-255	Green 21
63	000-255	Blue 21
64	000-255	Red 22
65	000-255	Green 22
66	000-255	Blue 22
67	000-255	Red 23
68	000-255	Green 23
69	000-255	Blue 23
70	000-255	Red 24
71	000-255	Green 24
72	000-255	Blue 24
73	000-255	Red 25
74	000-255	Green 25
75	000-255	Blue 25
76	000-255	Red 26
77	000-255	Green 26
78	000-255	Blue 26
79	000-255	Red 27
80	000-255	Green 27
81	000-255	Blue 27
82	000-255	Red 28
83	000-255	Green 28
84	000-255	Blue 28
85	000-255	Red 29
86	000-255	Green 29
87	000-255	Blue 29
88	000-255	Red 30
89	000-255	Green 30
90	000-255	Blue 30
91	000-255	Red 31
92	000-255	Green 31
93	000-255	Blue 31
94	000-255	Red 32
95	000-255	Green 32
96	000-255	Blue 32
97	000-255	Red 33
98	000-255	Green 33
99	000-255	Blue 33
100	000-255	Red 34
101	000-255	Green 34
102	000-255	Blue 34
103	000-255	Red 35
104	000-255	Green 35

105	000-255	Blue 35
106	000-255	Red 36
107	000-255	Green 36
108	000-255	Blue 36
109	000-255	Red 37
110	000-255	Green 37
111	000-255	Blue 37
112	000-255	Red 38
113	000-255	Green 38
114	000-255	Blue 38
115	000-255	Red 39
116	000-255	Green 39
117	000-255	Blue 39
118	000-255	Red 40
119	000-255	Green 40
120	000-255	Blue 40
121	000-255	Outer Color Macros
122	000-255	Outer Dimmer: 0% to 100%
123	000-255	Outer Dimmer Fine: 0% to 100%
124		**Outer Strobe Effect**
	0-31	Close
	32-63	Open
	64-95	Strobe slow to fast
	96-127	Open
	128-159	Strobe pluse slow to fast
	160-191	Open
	192-223	Random slow to fast
	224-255	Open
125		**Outer Program Macro**
	0-5	No function
	6-15	Macro1
	16-25	Macro2
	26-35	Macro3
	36-45	Macro4
	46-55	Macro5
	56-65	Macro6
	66-75	Macro7
	76-85	Macro8
	86-95	Macro9
	96-105	Macro10
	106-115	Macro11
	116-125	Macro12
	126-135	Macro13
	136-145	Macro14
	146-155	Macro15

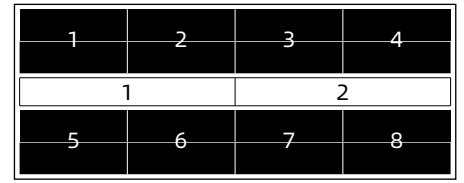
	156-165	Macro16
	166-175	Macro17
	176-185	Macro18
	186-195	Macro19
	196-205	Macro20
	206-215	Macro21
	216-225	Macro22
	226-235	Macro23
	236-245	Macro24
	246-255	Macro25
126	000-255	Outer Program Macro Speed
127	000-255	White 1
128	000-255	White 2
129	000-255	White 3
130	000-255	White 4
131	000-255	White 5
132	000-255	White 6
133	000-255	Inner Dimmer: 0% to 100%
134	000-255	Inner Dimmer Fine: 0% to 100%
135		**Inner Strobe Effect**
	0-31	Close
	32-63	Open
	64-95	Strobe slow to fast
	96-127	Open
	128-159	Strobe pluse slow to fast
	160-191	Open
	192-223	Random slow to fast
	224-255	Open
136		**Inner Program Macro**
	0-5	No function
	6-33	Macro1
	34-60	Macro2
	61-88	Macro3
	89-116	Macro4
	117-144	Macro5
	145-172	Macro6
	173-200	Macro7
	201-228	Macro8
	229-255	Macro9
137	0-255	Inner Program Macro Speed

Block distribution

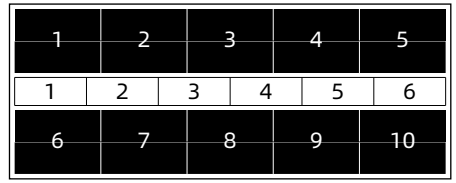
32CH Channel ■RGB □CW



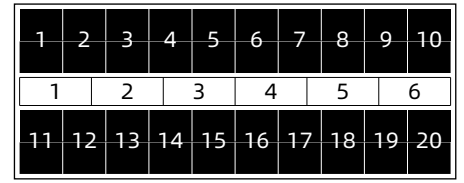
37CH Channel ■RGB □CW



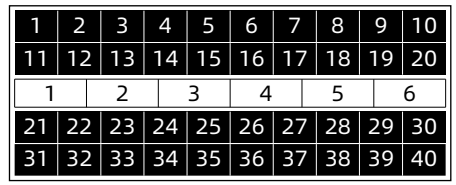
47CH Channel ■RGB □CW



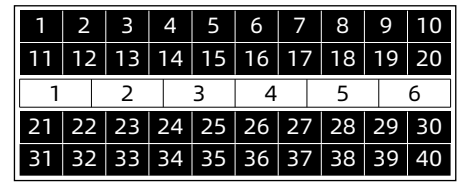
77CH Channel ■RGB □CW



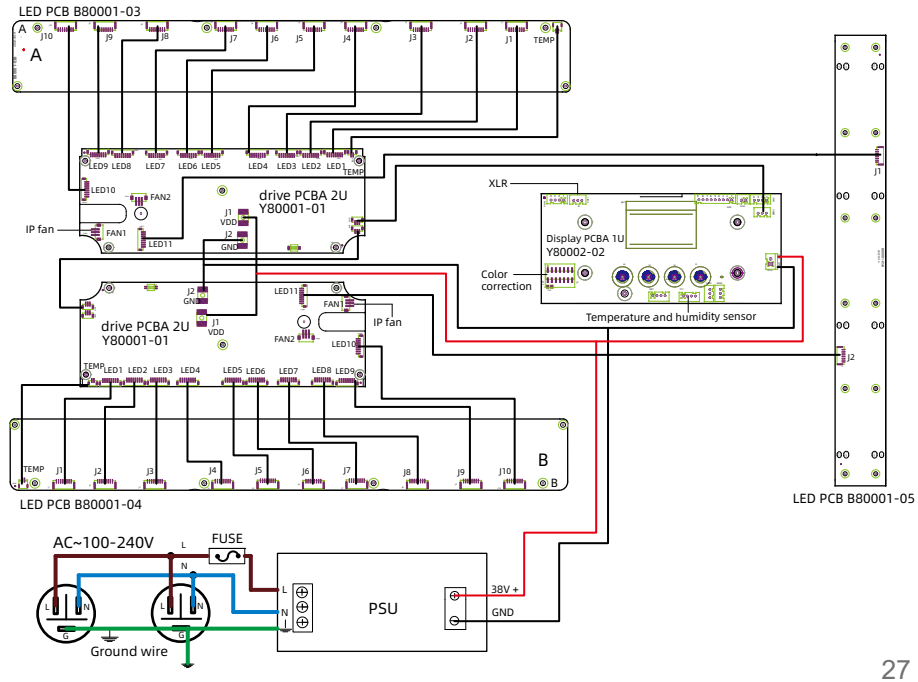
126CH Channel ■RGB □CW



138CH Channel ■RGB □CW



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.

Waining !

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 the 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 aing or damaged	Replace
	Power pcb malfunction	Check/ replace
	Loose or poor contact of the circuit	Reconnect
	Switching power supply malfunction	Replace
Automatically turn off or dim the lights	LED aging	Replace
	The temperature control switch is damaged	Replace
Weak light efficiency and uneven light spot	LED aging	Replace
	The optical mirror has accumulated dust or stains	Clean
	The optical mirror is damaged	Replace
Impure color	Weakening of light efficiency	Replace led pcb
Attention! The above analysis is for abnormal reference only. Non professionals are not allowed to disassemble and repair the machine		

