

# **Blinder2 FC IP** User Manual



## Guangzhou Mitek Light Co., LTD

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## **TECHNICAL PARAMETERS**

#### Light source

Power and power Input voltage: AC 110V-240V 50/60Hz Rated power: 600 W Light source: 2x300W LED RGBAWW (1800K-10000K) Lifespan of light source: 20000 H

#### Optical

Beam Angle: 65° Light spot Angle: 97° A uniform mixing system can be adjusted to produce the effect of tungsten filament lamps Color rendering index: 95

#### Controls

2CH DWE 4CH DWE 9CH DWE+ 6CH STROBE 6CH RGB **10CH BASIC RGB 14CH BASIC RGB 13CH STANDARD RGB** 22CH STANDARD RGB 24CH STANDARD RGB 33CH STANDARD RGB **10CH DIRECT 12CH DIRECT 17CH DIRECT** 28CH DIRECT **41CH DIRECT** Protocol: Standard DMX512 protocol, RDM protocol Data connection: waterproof three-core XLR input/output Display: OLED display operation panel Easy and quick upgrade through DMX signal update software Effect

8 built-in programs are available Fast electronic flash 1-20 Hz Dimming mode: 5

#### Construction

Silent and waterproof fan, intelligent speed control Intelligent temperature protection to ensure the service life of LED Aluminum alloy die casting structure Fan cooling

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Protection class: IP65 Working environment:  $-40^{\circ}$ C ~  $45^{\circ}$ C Starting environment:  $-20^{\circ}$ C ~  $45^{\circ}$ C **Weight&Dimension** Size: 502 x 288 x 195 mm Net weight: 9 kg packing measurement

## SIZE DRAWING

1 piece: 57 x 36 x 27 cm 1 pack 2: 59 x 38 x 58 cm









#### direction for use:

1.After opening the packing box, carefully check whether the lighting equipment is damaged due to transportation, such as loose screws, broken lenses, etc.

2.Before power supply, please check whether the lamp is placed correctly and securely, and check whether the voltage of the power supply is the same as that of this product.

3. This equipment is a level 1 protection equipment, so the power ground must be grounded and completed by a professional. Check the power voltage before use.

#### container loading list:

When you open the lamp packing box, please check carefully whether there are the following items:

- 1.A set of lighting equipment
- 2. Power cable and signal cable set
- 3. One copy of the instructions

#### maintenance:

1. Try to prevent dust, dirt and smoke oil from being laid or even flowing into the lamp body artificially, and keep the equipment clean in the use environment;

2. Please use professional glass cleaning agent regularly every month and clean the glass plate with velvet cloth to ensure the maximum brightness output and prolong the service life of the light source.

#### **Illustrated section**



When the screen is displayed normally: key:

K1: Menu and return

K2 & K3: Adjustment options and the values of the options

K4: Confirm

When the screen is flipped to display: key: K3: Menu and return K1 & K4: Adjustment options and the values of the options K2: confirmed



#### pay attention to:

1.Lock screen password:

When normal display is enabled, K2-K3-K2-K3

When the flip display is displayed, K3-K2-K3-K2

2. When you are on the main interface, press the OK key to enter the menu interface

3. If the temperature control resistor is not successfully connected, the lamp power will be halved, and the main interface will be jumped to after 5 seconds, and an error message will be displayed

4. If no key operation is performed within 30 seconds, the interface will be transferred to the main interface

5. The bulb effect only works in the color temperature range of 2700K-3500K

#### Function comparison table on the front page (bold font in the table indicates the default

value for this item)

The	display	window	when	the	landuade	ic	set to	Chinese
ILIE	uispiay	window	WIIEII	uie	lanyuaye	15	201 10	CHINESE

main interface	The top menu	second-level menu	Three-level menu	explain
		2CH DWE		
		4CH DWE		
		9CH DWE+		
When the		6CH STROBE		
DMX signal		6CH RGB		
IS received,		10CH BASIC RGB		
the screen		14CH BASIC RGB		
The DMY	DMX pattorn	13CH STD. RGB		
		22CH STD. RGB		
can be		24CH EXT. RGB		
adjusted in		33CH EXT. RGB		
this		10CH DIRECT		
interface		12CH DIRECT		
interface		17CH DIRECT		
		28CH DIRECT		
		41CH DIRECT		
The effect		Total dimming 100		000-100
execution		Effect 00		00-10
can be	automatic			00: No effect is
adjusted in	mode			performed
this				01-10: Each effect
interface		Speed 100		000-100
		Total dimming 100		000-100
		Strobe 255		000-255
The total				(Reference to the strobe
dimming				interpretation of channel
can be	Manual	<b>D</b> 1000		mode)
adjusted in	dimming	Red 000		000-255
this		Green 000		000-255
Interface		Blue 000		000-255
		Amber 000		000-255
		Warm white 000		000-255
The color	a a la cuma al	Total dimming 100		000-100
paper can	coloured	Color paper 00		00-60
in this	paper			(For the corresponding
11 11 11 15				name of the color paper,

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interface				please refer to the color paper table below)	
The color		Total dimming 100		000-100	
temperatur		Color temperature 2900K		2000K-10000K	
e can be	colour	Tope $\pm 0.00$		-127~+127	
adjusted in	temperature			Negative values are red	
this				positive values are	
interface				green, and 0 is neutral	
			Total dimming 100		
			Strobe 255	-	
Vou con		Color 1	Red 000		
select the			Green 000	There are five custom	
programme	custom		Blue 000	colors in total and the	
d custom	colors		Amber 000	operation items are	
color in this			Warm white 000	shown as color 1	
interface		Color 2		-	
		Color 3		-	
		Color 4			
		Color 5	the Chinese	The earsen displays the	
			language	language in Chinese	
		language	English	The screen displays the	
				language in English	
		Master-slave switch	close	Do not send host data to slave	
			open	Send host data to slave	
		screensaver	close		
			open	No button operation for	
				30 seconds to enter the	
		The screen flips		screen saver	
			ciose	The agreen fline, and as	
			open	do the buttons	
			close		
		Screen lock	open	Lock after 30 seconds of	
			-	no button operation	
	advanced		In DMX mode, the data status of the LED is		
	setup		broken after the signal		
			clean up	The data is cleared after a while	
		DMX lose	keep	data-hold	
			light up	Keep the LED on at the	
				upper limit of power set	
				by the current power	
				setting	
			Use the console to e	execute the power curve	
			of regular dimming,	and do not apply the	
			tomporaturo, color n	build effect, color	
			mode itself has the	dimming curve then the	
			dimming curve chan	inel is the guide)	
			Ŭ	<b>č</b> ,	
			linear	Linear power curve	



		square	Square power curve	
		Anti-square	Anti-square power curve	
		Line S	S-shaped power curve	
		The process of lamp	o data change	
	Number of dimming positions	Eight places	The lamp data is switched directly	
		16th place	Smooth conversion of lamp data	
	Dimming speed	The speed at which channel mode itself channel with the dim guide) <b>fast</b> intermediate speed	the lights change (if the has a dimming speed, the aming speed is used as a	
		1kHz		
		2kHz		
	Dimming frequency	4kHz		
		12kHz		
		16kHz		
	The hulb effect	It only acts on the color temperature of 2700K-3500K		
		close		
		open	If the temperature	
	Fan mode	voluntarily become silent	control resistor is not connected, the fan will rotate when the lamp is bright. After the temperature control resistor is connected, the fan will rotate when the temperature is higher than 44 °C; when the temperature is lower than 40 °C, the fan will stop. The "automatic" speed can reach the maximum	
		close	speed is lower	
		maximum power	the lamp runs and the	
		light is dimmed		
	inverse mapping	CIOSE		
		open		
	LED pattern	The power limit of th full power	e rear platform is set to	
		nan-power		



			total power	
		Restore factory	The factory is restor parameters and lang restored, and the int main interface	ed, but the background guage Settings are not erface is redirected to the
			close	
			open	
		Firmware version	250213D5V1	
	system info	RDM ID		Each device ID number is different and consists of six hexadecimal arrays
		temperature	LED1: xx℃/xx°F LED2: xx℃/xx°F MAX: xx℃/xx°F	
		Power on time	0: 00	
		Lighting time	LED1: 0: 00 LED2: 0: 00	
		Fan status		
		error message		If the temperature control resistance detection fails, the failed temperature control is displayed

#### The display window when the language is set to English

main interfac e	The top menu	second-level menu	Three-level menu	explain
When		2CH DWE		
the		4CH DWE		
DMX		9CH DWE+		
signal is		6CH STROBE		
receive		6CH RGB		
d, the		10CH BASIC RGB		
screen		14CH BASIC RGB		
display		13CH STANDARD RGB		
S "^". The	DMX pattern	22CH STANDARD RGB		
		24CH STANDARD RGB		
DIVIX		33CH STANDARD RGB		
address		10CH DIRECT		
odiusto		12CH DIRECT		
d in this		17CH DIRECT		
interfac		28CH DIRECT		
e		41CH DIRECT		
The		Dimmer 100		000-100
effect of		Effect 00		00-10
executi				00: No effect is performed
on can	Auto			01-10: Each effect
odiusto		Speed 100		
d in this				000-100
interfac				
intenac				



е					
		Dimmer 100		000-100	
The		Shutter 255		000-255	
total				(Reference to the strobe	
aimmin				interpretation of channel	
g can				mode)	
De		Red 000		000-255	
d in this		Green 000		000-255	
interfac		Blue 000		000-255	
P		Amber 000		000-255	
0		White 000		000-255	
The		Dimmer 100		000-100	
color		Color Macro 00			
paper				00-60	
can be	Color Macro			(For the corresponding name	
adjuste				of the color paper, please	
d in this				refer to the color paper table	
Interrac				below)	
The		Dimmer 100		000-100	
color		ССТ 2900К		2000K-10000K	
temper		Tipt +000			
ature	Tunable			107. 1107	
can be	White			$-127 \sim +127$	
adjuste				ne negative value is red, the	
d in this				is neutral	
interfac				is neutral	
e V			Dimmer 100		
YOU			Shuttor 255	-	
can		Color 1	Pod 000		
select			Groop 000	-	
brogro			Blue 000	There are five custom colors	
mmed	Liser Color		Amber 000	in total and the operation	
custom			White 000	items are shown as color 1	
color in		Color 2			
this		Color 3		-	
interfac		Color 4		-	
е		Color 5		-	
			the Chinese	The screen displays the	
		Language	language	language in Chinese	
			English	The screen displays English	
			Off	Do not send host data to	
		MOSI Switch	On	Slave Send host data to slave	
			01		
			Off	No button energian for 20	
	Settings	Screensaver	On	No button operation for 30	
Gennys			seconds to enter the screen		
			Off	Savei	
		Screenflip	On	The screen flips, and so do	
		ocreeninp	On	the buttons	
			Off		
		Screenlock	On	Lock after 30 seconds of no	
				button operation	
		DMX Fail	In DMX mode, the d	ata status of the LED is broken	



			after the signal is se	nt
			Clear	The data is cleared after a while
			Hold	data-hold
			Lit up	Keep the LED on at the upper limit of the current power setting
			Use the console to e regular dimming, and mode with bulb effect paper, etc. (if the cha dimming curve, then channel as guidance	execute the power curve of d do not apply the dimming ct, color temperature, color annel mode itself has a use the dimming curve e)
		Dimmer Curve	Linear	Linear power curve
			Square	Square power curve
			Anti-square	Anti-square power curve
			S-line	S-shaped power curve
			The process of lamp	data change
		Dimmer Bit	8 Bit	The lamp data is switched directly
			16 Bit	Smooth conversion of lamp data
		Dimmer Resp.	The speed at which channel mode itself channel with the dim guide) Led Medium	the lights change (if the has a dimming speed, the iming speed is used as a
		Halogen		
		LED Frequency	1KHZ 2kHz 4kHz 12kHz 16kHz 25kHz	
		Redshift	It only acts on the co 2700K-3500K Off <b>On</b>	olor temperature of
			Auto	If the temperature control
		Fan	Silent	fan will rotate when the lamp is bright. After the temperature control resistor is connected, the fan will rotate when the temperature is higher than $44^{\circ}$ C; when the temperature is lower than $40^{\circ}$ C, the fan will stop. The "automatic" speed can reach the maximum speed,



				and the "silent" speed is lower
			Off	
			Max.Power	
			The direction in whic adjusted	ch the lamp runs and the light is
		Invert Mapping	Off	
			On	
	LED Mode	The power limit of th power	e rear platform is set to full	
			Lower Power	
		The factory is restor	ed, but the background	
		Restore	parameters and lang restored, and the int interface	guage Settings are not erface is redirected to the main
			Off	
			On	
		Firmware VER	250213D5V1	
System Info		RDM ID		Each device ID number is different and consists of six hexadecimal numbers
		Temperature	LED1: xx℃/xx℉ LED2: xx℃/xx℉ MAX: xx℃/xx℉	
	System Info	Power on time	0: 00	
		LED on time	LED1: 0: 00 LED2: 0: 00	
		Fan state		
		Errors		If the temperature control resistance detection fails, the failed temperature control is displayed

#### Function comparison table on the background display (bold font in the table

indicates the default value for this item)

When in the primary menu, adjust the cursor to the DMX item, long press the menu key to enter the background

The display window when the language is set to Chinese

menu item	explain
Red current 207	020-255
Green current 217	020-255
Blue current 212	020-255
Amber Current 219	020-255
Warm white current 222	020-255
Power limit 180	050-255
Temperature 1	40-80
protection 70	When the lamp body temperature exceeds the set value, the power of the
	lamp bead decreases
	Note: The function of the lamp body will not work until the temperature control
	resistor is connected



Temperature 2 protection 70	40-80 When the lamp body temperature exceeds the set value, the lamp bead power is reduced Note: The function of the lamp body will not work until the temperature control resistor is connected
Push is closed	Push the background parameters of this machine to the slave machine to set parameters and channel mode. Close: Do not push Start: Push Note: Please ensure that the signal line between the host and the slave is connected and powered on, and the display interface of the slave is the DMX address interface. When pushing, wait for the LED of the slave device to flash (indicating that the data sent by the host has been received and saved), and then the host can exit the push state.

The display window when the language is set to English

menu item	explain
R current 207	020-255
G current 217	020-255
B current 212	020-255
A current 219	020-255
W current 222	020-255
P limit 180	050-255
T1 protect 70	40-80
	When the lamp body temperature exceeds the set value, the lamp bead power
	decreases
	Note: The function of the lamp body will not work until the temperature control
	resistor is connected
T2 protect 70	40-80
	When the lamp body temperature exceeds the set value, the lamp bead power
	decreases
	Note: The lamp body should be connected to the temperature control resistor to
	make this function work
Push Shut	Push the background parameters of this machine to the slave machine to set
down	parameters and channel mode.
	Shut down: No push
	Turn on: Push
	Note: Please ensure that the signal line between the host and the slave is
	connected and powered on, and the display interface of the slave is the DMX
	address interface. When pushing, wait for the LED of the slave device to flash
	(indicating that the data sent by the host has been received and saved) before the
	host can exit the push state.

#### DMX channel table

СН	2CH DWE	4CH DWE	9CH DWE+	6CH STROBE
1	Dimming 1	General dimming	General dimming	General dimming
2	Dimming 2	The dimming curve	stroboflash	stroboflash
3		Dimming speed	R aiming	duration
4		The bulb effect	G aiming	Dimming 1
5			B aiming	Dimming 2
6			colour temperature	colour temperature
7			The dimming curve	



8		Dimming speed	
9		The bulb effect	

СН	6CH RGB	10CH BASIC RGB	14CH BASIC RGB	13CH STANDARD RGB
1	R 1 dimming	General dimming	General dimming	General dimming
2	G1 dimming	stroboflash	General dimming fine adjustment	stroboflash
3	B1 dimming	R aiming	stroboflash	Dimming 1
4	R 2 dimming	G aiming	R aiming	R 1 dimming
5	G2 dimming	B aiming	R for fine tuning	G1 dimming
6	B2 dimming	colour temperature	G aiming	B1 dimming
7		hue	G for fine tuning	Dimming 2
8		coloured paper	B aiming	R 2 dimming
9		The color paper fades in and out	B Adjusts the dimming slightly	G2 dimming
10		Device Settings	colour temperature	B2 dimming
11			hue	colour temperature
1 2			coloured paper	hue
13			The color paper fades in and out	Device Settings
14			Device Settings	

CH	22CH STANDARD RGB	24CH EXTENDED RGB	33CH EXTENDED RGB
1	General dimming	General dimming	General dimming
2	General dimming adjustment	stroboflash	General dimming fine
			adjustment
3	stroboflash	duration	stroboflash
4	Dimming 1	Dimming 1	duration
5	Dimming 1 fine adjustment	R 1 dimming	Dimming 1
6	R 1 dimming	G1 dimming	Dimming 1 fine adjustment
7	R 1 dimming fine adjustment	B1 dimming	R 1 dimmer
8	G 1 dimming	Color temperature 1	R 1 dimming fine adjustment
9	G1 dimming fine adjustment	Color tone 1	G 1 dimming
10	B1 dimming	Color paper 1	G1 dimming fine-tuning
11	B1 dimming fine adjustment	Color paper 1 fade in and out	B1 dimming
12	Dimming 2	Dimming 2	B1 dimming fine adjustment
13	Dimming 2 fine tuning	R 2 dimming	Color temperature 1
14	R 2 dimming	G2 dimming	Color tone 1
15	R 2 dimming fine adjustment	B2 dimming	Color paper 1
16	G 2 dimming	Color temperature 2	Color paper 1 fade in and out
17	G2 dimming fine tuning	Color tone 2	Dimming 2
18	B2 dimming	Color paper 2	Dimming 2 fine tuning
19	B2 dimming fine adjustment	Color paper 2 fade in and out	R 2 dimming
20	colour temperature	effect	R 2 dimming fine adjustment
21	hue	The dimming curve	G 2 dimming
22	Device Settings	Dimming speed	G2 dimming fine tuning
23		The bulb effect	B2 dimming
24		Device Settings	B2 dimming fine adjustment
25			Color temperature 2
26			Color tone 2
27			Color paper 2
28			Color paper 2 fade in and out



29	effect
30	The dimming curve
31	Dimming speed
32	The bulb effect
33	Device Settings

СН	10CH DIRECT	12CH DIRECT	17CH DIRECT	28CH DIRECT	41CH DIRECT
1	R1 dimmer	General dimming	General dimming	General dimming	General dimming
2	G1 dimming	stroboflash	stroboflash	stroboflash	General dimming fine adjustment
3	B1 dimming	R aiming	Dimming 1	duration	stroboflash
4	A 1 is dimmed	G aiming	R 1 dimming	Dimming 1	duration
5	W1 dimming	B aiming	G1 dimming	R 1 dimming	Dimming 1
6	R2 dimming	A aiming	B1 dimming	G1 dimming	Dimming 1 fine adjustment
7	G2 dimming	W aiming	A 1 is dimmed	B1 dimming	R 1 dimming
8	B2 dimming	colour temperature	W1 dimming	A 1 is dimmed	R 1 dimming fine adjustment
9	A2 is dimmed	hue	Dimming 2	W1 dimming	G 1 dimming
10	W2 dimming	coloured paper	R 2 dimming	Color temperature 1	G1 dimming fine adjustment
11		The color paper fades in and out	G2 dimming	Color tone 1	B1 dimming
12		Device Settings	B2 dimming	Color paper 1	B1 dimming fine adjustment
13			A 2 is dimmed	Color paper 1 fade in and out	A1 dimming
14			W2 dimming	Dimming 2	A1 dimming fine adjustment
15			colour temperature	R 2 dimming	W1 dimming
16			hue	G2 dimming	W1 dimming fine adjustment
17			Device Settings	B2 dimming	Color
					temperature 1
18				A 2 is dimmed	Color tone 1
19				W2 dimming	Color paper 1
20				Color temperature 2	Color paper 1 fade in and out
21				Color tone 2	Dimming 2
22				Color paper 2	Dimming 2 fine tuning
23				Color paper 2 fade in and out	R 2 dimming
24				effect	R 2 dimming fine adjustment
25				The dimming curve	G 2 dimming
26				Dimming speed	G2 dimming fine



		tuning
27	The bulb effect	B2 dimming
28	Device Settings	B2 dimming fine
		adjustment
29		A2 dimming
30		A2 dimming fine
		adjustment
31		W2 dimming
32		W2 dimming fine
		tuning
33		Color
		temperature 2
34		Color tone 2
35		Color paper 2
36		Color paper 2
		fade in and
		out
37		effect
38		The dimming
		curve
39		Dimming speed
40		The bulb effect
41		Device Settings

### 2CH DWE Channel description

channel	function	explain
1	Dimming 1	It shows the current color temperature mode
2	Dimming 2	It shows the current color temperature mode

## 4CH DWE Channel description

channel	function	explain
1	General dimming	It shows the current color temperature mode
2	The dimming curve	0-51, applies the current preset of the Settings menu 52-101, linear dimming 102-152, square dimming 153-203, inverse square dimming 204-255, S line dimming
3	Dimming speed	0-63, applies the current preset of the Settings menu 64-127, fast 128-191, medium speed 192-255, slow
4	The bulb effect	0-84, applies the current preset of the Settings menu 85-170, closed 171-255, open

## 9CH DWE+ Channel Description

channel	function	explain
1	General dimming	
2	stroboflash	If the relevant strobe is not executed, the value



		should be adjusted to at least the "on light" area
		0-19, light off 20-24, opening the light 25-64, normal strobe (fast to slow) 65-69, opening the light 70-109, slow bright flicker (fast to slow) 110-114, opening the light 115-154, slow extinction flicker (fast to slow) 155-159, opening the light 160-199, random strobe (fast to slow) 200-204, opening the light 205-244, Flash (fast to slow) 245-255, opening the light
3	R aiming	
4	Gaiming	
5	B aiming	
6	Color temperature (applies to RGB)	000-004,2900K 005-255, 2000K- 100 00K For every 3~4 increase in the push value, the color temperature increases by 100K
7	The dimming curve	0-51, applies the current preset of the Settings menu 52-101, linear dimming 102-152, square dimming 153-203, inverse square dimming 204-255, S line dimming
8	Dimming speed	0-63, applies the current preset of the Settings menu 64-127, fast 128-191, medium speed 192-255, slow
9	The bulb effect	0-84, applies the current preset of the Settings menu 85-170, closed 171-255, open

## 6CH STROBE Channel description

channel	function	explain
1	General dimming	
2	stroboflash	If the relevant strobe is not executed, the value should be adjusted to at least the "on light" area
		0-19, light off 20-24, opening the light 25-64, normal strobe (fast to slow) 65-69, opening the light 70-109, slow bright flicker (fast to slow) 110-114, opening the light 115-154, slow extinction flicker (fast to slow) 155-159, opening the light 160-199, random strobe (fast to slow) 200-204, opening the light



		205-244, Flash (fast to slow)
		245-255, opening the light
3	duration	Extend the flashing time of the light, which only applies to the
		ordinary flashing of channel 2 (025-064)
4	Dimming 1	
5	Dimming 2	
6	colour temperature	000-004,5600K
	•	005-255, 2000K- 100 00K
		For every 3~4 increase in the push rod value, the color
		temperature increases by 100K

## 6CH RGB Channel description

channel	function	explain
1	R1 dimming	
2	G1 dimming	
3	B1 dimming	
4	R2 dimming	
5	G2 dimming	
6	B2 dimming	

### **10CH BASIC RGB Channel description**

function	explain
General dimming	
stroboflash	If the relevant strobe is not executed, the value should be adjusted to at least the "on light" area
	0-19, light off
	20-24, opening the light 25-64, normal stroke (fast to slow)
	65-69 opening the light
	70-109, slow bright flicker (fast to slow)
	110-114, opening the light
	115-154, slow extinction flicker (fast to slow)
	155-159, opening the light
	160-199, random strobe (fast to slow)
	200-204, opening the light
	245-255, opening the light
R aiming	
G aiming	
B aiming	
Color temperature	000-004,5600K
(applies to RGB)	005-255,2000K- 100 00K
	For every 3~4 increase in the push rod value, the color
	temperature increases by 100K
Color tone (acts on	001-127, magenta-> neutral
color temperature	0, 128, neutral
and KGB)	
RGB/ color	000, emply 001-255 60 sheets of color paper are evenly distributed
	function General dimming stroboflash Stroboflash R aiming G aiming G aiming Color temperature (applies to RGB) Color tone (acts on color temperature and RGB) Color paper (over RGB/ color



	temperature)	Refer to the color paper table below for details
9	Color paper fade in and out (the conversion time between color papers)	000-005, empty 006-255, the transition time is getting longer and longer
10	Device Settings	The first time you need to push the push rod, the value
		The following functions need to stay for 3 seconds to take
		effect
		000-029 No function
		030-034 8bit
		035-039 16bit
		040-044 No function
		045-049 DMX signal cleared
		050-054 DMX signal retention
		055-059 DMX, emergency light
		060-064 No function
		065-069 Linear dimming curve
		070-074 Square dimming curve
		075-079, inverse square dimming curve
		080-084 S line dimming curve
		085-089 No function
		090-094 The dimming speed is fast
		095-099 Dimming speed medium
		100-104 dimming speed is slow
		105-109 Non-functional
		110-114 Light bulb effect on (only for color temperature of 2700K-3500K)
		115-119 The bulb effect is off
		120-139 No function
		140-144 LED frequency 1kHz
		145-149 LED frequency 2kHz
		150-154 LED frequency 4kHz
		155-159 LED frequency 12kHz
		160-164 LED frequency 16kHz
		165-169 LED frequency 25kHz
		170-174 No function
		175-179 The fan is automatic
		180-184 The fan is silent
		185-189 The fan is turned off
		190-194 High power fan
		195-199 Non-functional
		200-214 Inverse mapping relationship
		215-219 Inverse mapping open
		220-224 No function
		225-229 LED mode-half power
		230-234 LED mode-full power
		235-239 Non-functional
		240-255 The current setting is invalid



channel	function	explain
1	General dimming	
2	General dimming fine adjustment	
3	stroboflash	If the relevant strobe is not executed, the value should be adjusted to at least the "on light" area
		0-19, light off 20-24, opening the light 25-64, normal strobe (fast to slow) 65-69, opening the light 70-109, slow bright flicker (fast to slow) 110-114, opening the light 115-154, slow extinction flicker (fast to slow) 155-159, opening the light 160-199, random strobe (fast to slow) 200-204, opening the light 205-244, Flash (fast to slow) 245-255, opening the light
4	R aiming	
5	R fine-tuning	
6	G aiming	
7	G fine-tuning	
8	B aiming	
9	B fine-tuning	
10	Color temperature (applies to RGB)	000-004,5600K 005-255, 2000K- 100 00K For every 3~4 increase in the push rod value, the color temperature increases by 100K
11	Color tone (acts on color temperature and RGB)	001-127, magenta to neutral 0, 128, neutral 129-255, neutral-> green
12	Color paper (over RGB/ color temperature)	000, empty 001-255,60 sheets of color paper are evenly distributed. Refer to the color paper table below for details
13	Color paper fade in and out (the conversion time between color papers)	000-005, empty 006-255, the transition time is getting longer and longer
14	Device Settings	The first time you need to push the push rod, the value changes once before it can be considered a setting. <b>The following functions need to stay for 3 seconds to</b> <b>take effect</b> 000-029 No function 030-034 8bit 035-039 16bit 040-044 No function 045-049 DMX signal cleared 050-054 DMX signal retention 055-059 DMX, emergency light 060-064 No function 065-069 Linear dimming curve 070-074 Square dimming curve

## 14CH BASIC RGB Channel description



075-079, inverse square dimming curve
080-084 S line dimming curve
085-089 No function
090-094 The dimming speed is fast
095-099 Dimming speed medium
100-104 dimming speed slow
105-109 Non-functional
110-114 Light bulb effect on (only for color temperature of
2700K-3500K)
115-119 The bulb effect is off
120-139 No function
140-144 LED frequency 1kHz
145-149 LED frequency 2kHz
150-154 LED frequency 4kHz
155-159 LED frequency 12kHz
160-164 LED frequency 16kHz
165-169 LED frequency 25kHz
170-174 No function
175-179 The fan is automatic
180-184 The fan is silent
185-189 The fan is turned off
190-194 High power fan
195-199 Non-functional
200-214 Inverse mapping relationship
215-219 Inverse mapping open
220-224 No function
225-229 LED mode-half power
230-234 LED mode-full power
235-239 Not functional
240-255 Current Settings Invalid

## 13CH STANDARD RGB Channel description

channel	function	explain
1	General dimming	
2	stroboflash	If the relevant strobe is not executed, the value should be adjusted to at least the "on light" area
		0-19, light off 20-24, opening the light 25-64, normal strobe (fast to slow) 65-69, opening the light 70-109, slow bright flicker (fast to slow) 110-114, opening the light 115-154, slow extinction flicker (fast to slow) 155-159, opening the light 160-199, random strobe (fast to slow) 200-204, opening the light 205-244, Flash (fast to slow) 245-255, opening the light
3	Dimming 1	
4	R1 dimming	
5	G1 dimming	
6	B1 dimming	
7	Dimming 2	



8	R2 dimming	
9	G2 dimming	
10	B2 dimming	
11	Color temperature (applies to RGB 1+2)	000-004,5600K 005-255, 2000K- 100 00K For every 3~4 increase in the push rod value, the color temperature increases by 100K
12	Color tone (acts on color temperature and RGB 1+2)	001-127, magenta to neutral 0, 128, neutral 129-255, neutral to green
13	Device Settings	The first time you need to push the push rod, the value changes once before it can be considered set. <b>The following functions need to stay for 3 seconds to</b> <b>take effect</b> 000-029 No function 030-034 8bit 035-039 16bit 040-044 No function 045-049 DMX signal cleared 050-054 DMX signal retention 055-059 DMX, emergency light 060-064 No function 065-069 Linear dimming curve 070-074 Square dimming curve 070-074 Square dimming curve 080-084 S line dimming curve 080-084 S line dimming speed is fast 095-099 Dimming speed medium 100-104 dimming speed is slow 105-109 Non-functional 110-114 Light bulb effect on (only for color temperature of 2700K-3500K) 115-119 The bulb effect is off 120-139 No function 140-144 LED frequency 1kHz 145-149 LED frequency 2kHz 150-154 LED frequency 12kHz 160-164 LED frequency 12kHz 160-164 LED frequency 16kHz 165-169 LED frequency 25kHz 170-174 No function 175-179 The fan is sultomatic 180-184 The fan is silent 185-189 The fan is silent 185-189 The fan is silent 185-189 The fan is off 190-194 High power fan 195-199 Non-functional 200-214 Inverse mapping relationship 215-229 LED mode-half power 230-234 LED mode-full power 230-234 LED mode-full power 230-234 LED mode-full power 235-239 Not functional 240-255 The current setting is invalid

channel	function	explain
1	General dimming	
2	General dimming fine-tuning	
3	stroboflash	If the relevant strobe is not executed, the value should be adjusted to at least the "on light" area 0-19, light off 20-24, opening the light 25-64, normal strobe (fast to slow) 65-69, opening the light 70-109, slow bright flicker (fast to slow) 110-114, lighting 115-154, slow extinction flicker (fast to slow) 155-159, opening the light 160-199, random strobe (fast to slow) 200-204, opening the light 205-244, Flash (fast to slow) 245-255, opening the light
4	Dimming 1	
5	Dimming 1 fine adjustment	
6	R1 dimming	
7	R1 dimming fine adjustment	
8	G1 dimming	
9	G1 dimming fine adjustment	
10	B1 dimming	
11	B1 dimming fine adjustment	
12	Dimming 2	
13	Dimming 2 fine tuning	
14	R2 dimming	
15	R2 dimming fine adjustment	
16	G2 dimming	
17	G2 dimming fine tuning	
18	B2 dimming	
19	B2 dimming fine adjustment	
20	Color temperature (applies to RGB 1+2)	000-004,5600K 005-255, 2000K- 100 00K For every 3~4 increase in the push rod value, the color temperature increases by 100K
21	Color tone (acts on color temperature and RGB 1+2)	001-127, magenta to neutral 0, 128, neutral 129-255, neutral to green
22	Device Settings	The first time you need to push the push rod, the value changes once before it can be considered a setting. <b>The following functions need to stay for 3 seconds to</b>

## Description of 22CH STANDARD RGB channel



take effect
000-029 No function
030-034 8bit
035-039 16bit
040-044 No function
045-049 DMX signal cleared
050-054 DMX signal retention
055-059 DMX, emergency light
060-064 No function
065-069 Linear dimming curve
070-074 Square dimming curve
075-079, inverse square dimming curve
080-084 S line dimming curve
085-089 No function
090-094 The dimming speed is fast
095-099 Dimming speed medium
100-104 dimming speed slow
105-109 Non-functional
110-114 Light bulb effect on (only for color temperature of
2700K-3500K)
115-119 The bulb effect is off
120-139 No function
140-144 LED frequency 1kHz
145-149 LED frequency 2kHz
150-154 LED frequency 4kHz
155-159 LED frequency 12kHz
160-164 LED frequency 16kHz
165-169 LED frequency 25kHz
170-174 Non-functional
175-179 The fan is automatic
180-184 Fan is silent
185-189 The fan is turned off
190-194 High power fan
195-199 Non-functional
200-214 Inverse mapping relationship
215-219 Inverse mapping open
220-224 No function
225-229 LED mode-half power
230-234 LED mode-full power
235-239 Non-functional
240-255 The current setting is invalid

## Description of 24CH EXTENDED RGB channel

channel	function	explain
1	General dimming	
2	stroboflash	If the relevant strobe is not executed, the value should be adjusted to at least the "on" area
		0-19, light off 20-24, opening the light 25-64, normal strobe (fast to slow) 65-69, opening the light 70-109, slow bright flicker (fast to slow) 110-114, opening the light 115-154, slow extinction flicker (fast to slow)



		155-159, opening the light
		160-199, random strobe (fast to slow)
		205-244 Flash (fast to slow)
		245-255, opening the light
3	duration	Extend the brightening time of the strobe, which only applies to the ordinary strobe (025-064) of channel 2
4	Dimming 1	
5	R1 dimming	
6	G1 dimming	
7	B1 dimming	
8	Color temperature 1 (applies to RGB 1)	000-004,5600K 005-255, 2000K- 100 00K For every 3~4 increase in the push rod value, the color temperature increases by 100K
9	Hue 1 (acts on color temperature and RGB 1)	001-127, magenta to neutral 0, 128, neutral 129-255, neutral to green
10	Color paper 1 (priority over RGB1/ color temperature 1)	000, empty 001-255,60 sheets of color paper are evenly distributed. Refer to the color paper table below for details
11	Color paper 1 fade in and out (the conversion time between color papers)	000-005, empty 006-255, the transition time is getting longer and longer
12	Dimming 2	
13	R2 dimming	
14	G2 dimming	
15	B2 dimming	
16	Color temperature 2 (applies to RGB 2)	000-004,5600K 005-255, 2000K- 100 00K For every 3~4 increase in the push rod value, the color temperature increases by 100K
17	Color tone 2 (acts on color temperature and RGB 2)	001-127, magenta to neutral 0, 128, neutral 129-255, neutral to green
18	Color paper 2 (priority over RGB2/ color temperature 2)	000, empty 001-255, evenly distribute 60 color papers, refer to the color paper table below for details
19	Color paper 2 fade in and out (the conversion time between color papers)	000-005, empty 006-255, the transition time is getting longer and longer
20	Effect (priority over RGB 1+2/ color temperature 1+2/color paper 1+2)	000-015, empty 016-039, effect 1 (from slow to fast) 040-063, effect 2 (from slow to fast) 064-087, effect 3 (from slow to fast) 088-111, effect 4 (from slow to fast) 112-135, effect 5 (from slow to fast) 136-159, effect 6 (from slow to fast) 160-183, effect 7 (from slow to fast) 184-207, effect 8 (from slow to fast) 208-231, effect 9 (from slow to fast)



		232-255, effect 10 (from slow to fast)
21	The dimming curve	0-51, applies the current preset of the Settings menu 52-101, linear dimming 102-152, square dimming 153-203, inverse square dimming 204-255, S line dimming
22	Dimming speed	0-63, applies the current preset of the Settings menu 64-127, fast 128-191, medium speed 192-255, slow
23	The bulb effect	0-84, applies the current preset of the Settings menu 85-170, closed 171-255, open
24	Device Settings	The first time you need to push the push rod, the value changes once before it can be considered set. <b>The following functions need to stay for 3 seconds to</b> <b>take effect</b> 000-029 No function 030-034 8bit 035-039 16bit 040-044 No function 045-049 DMX signal cleared 050-054 DMX signal retention 055-059 DMX, emergency light 060-064 No function 065-069 Linear dimming curve 070-074 Square dimming curve 075-079, inverse square dimming curve 080-084 S line dimming curve 080-084 S line dimming speed is fast 095-099 Dimming speed medium 100-104 dimming speed slow 105-109 Non-functional 110-114 Light bulb effect on (only for color temperature of 2700K-3500K) 115-119 The bulb effect is off 120-139 No function 140-144 LED frequency 1kHz 145-149 LED frequency 2kHz 150-154 LED frequency 2kHz 150-154 LED frequency 12kHz 160-164 LED frequency 16kHz 165-169 LED frequency 25kHz 170-174 No function 175-179 The fan is automatic 180-184 The fan is silent 185-189 The fan is shut down 190-194 High power fan 195-199 Non-functional 200-214 Inverse mapping relationship 215-219 Inverse mapping open 220-224 No function 225-229 LED mode-full power 235-239 Not functional
		240-255 The current setting is invalid



channel	function	explain
1	General dimming	
2	General dimming fine-tuning	
3	stroboflash	If the relevant strobe is not executed, the value should be adjusted to at least the "on light" area
		0-19, light off 20-24, opening the light
		25-64, normal strobe (fast to slow) 65-69, opening the light
		70-109, slow bright flicker (fast to slow)
		110-114, opening the light
		155-159 opening the light
		160-199, random strobe (fast to slow)
		200-204, opening the light
		205-244, Flash (fast to slow)
4	duration	Extend the flashing time of the light which only applies to the
•	duluion	ordinary flashing of channel 2 (025-064)
5	Dimming 1	
6	Dimming 1 fine adjustment	
7	R1 dimming	
8	R1 dimming fine adjustment	
9	G1 dimming	
10	G1 dimming fine adjustment	
11	B1 dimming	
12	B1 dimming fine adjustment	
13	Color temperature 1	000-004,5600K
	(applies to RGB 1)	005-255, 2000K- 100 00K
		temperature increases by 100K
14	Hue 1 (acts on color	001-127, magenta to neutral
	temperature and	0, 128, neutral
15	Color paper 1	129-255, heutral to green
10	(priority over RGB1/	001-255,60 sheets of color paper are evenly distributed.
	color temperature 1)	Refer to the color paper table below for details
16	Color paper 1 fade	000-005, empty
	transition time	
	between color	
4 -7	papers)	
1/	Dimming 2	
18	Dimming 2 fine	
19	R2 dimming	
20	R2 dimming fine	
	adjustment	

## 33CH EXTENDED RGB Channel description

21	G2 dimming	
22	G2 dimming fine	
23	B2 dimming	
24	B2 dimming fine adjustment	
25	Color temperature 2 (applies to RGB 2)	000-004,5600K 005-255, 2000K- 100 00K For every 3~4 increase in the push rod value, the color temperature increases by 100K
26	Color tone 2 (acts on color temperature and RGB 2)	001-127, magenta to neutral 0, 128, neutral 129-255, neutral to green
27	Color paper 2 (priority over RGB2/color temperature 2)	000, empty 001-255, evenly distribute 60 color papers, refer to the color paper table below for details
28	Color paper 2 fade in and out (the conversion time between color papers)	000-005, empty 006-255, the transition time is getting longer and longer
29	Effect (priority over RGB 1+2/ color temperature 1+2/color paper 1+2)	000-015, empty 016-039, effect 1 (from slow to fast) 040-063, effect 2 (from slow to fast) 064-087, effect 3 (from slow to fast) 088-111, effect 4 (from slow to fast) 112-135, effect 5 (from slow to fast) 136-159, effect 6 (from slow to fast) 160-183, effect 7 (from slow to fast) 184-207, effect 8 (from slow to fast) 208-231, effect 9 (from slow to fast) 232-255, effect 10 (from slow to fast)
30	The dimming curve	0-51, applies the current preset of the Settings menu 52-101, linear dimming 102-152, square dimming 153-203, inverse square dimming 204-255, S line dimming
31	Dimming speed	0-63, applies the current preset of the Settings menu 64-127, fast 128-191, medium speed 192-255, slow
32	The bulb effect	0-84, applies the current preset of the Settings menu 85-170, closed 171-255, open
33	Device Settings	The first time you need to push the push rod, the value changes once before it can be considered set. <b>The following functions need to stay for 3 seconds to</b> <b>take effect</b> 000-029 No function 030-034 8bit 035-039 16bit 040-044 No function 045-049 DMX signal cleared 050-054 DMX signal retention 055-059 DMX, emergency light



	060-064 No function
	065-069 Linear dimming curve
	070-074 Square dimming curve
	075-079, inverse square dimming curve
	080-084 S line dimming curve
	085-089 No function
	090-094 The dimming speed is fast
	095-099 Dimming speed medium
	100-104 dimming speed is slow
	105-109 Non-functional
	110-114 Light bulb effect on (only for color temperature of
	2700K-3500K)
	115-119 The bulb effect is off
	120-139 No function
	140-144 LED frequency 1kHz
	145-149 LED frequency 2kHz
	150-154 LED frequency 4kHz
	155-159 LED frequency 12kHz
	160-164 LED frequency 16kHz
	165-169 LED frequency 25kHz
	170-174 No function
	175-179 The fan is automatic
	180-184 The fan is silent
	185-189 The fan is turned off
	190-194 High power fan
	195-199 Non-functional
	200-214 Inverse mapping relationship
	215-219 Inverse mapping open
	220-224 No function
	225-229 LED mode-half power
	230-234 LED mode-full power
	235-239 Not functional
	240-255 The current setting is invalid

## **10CH DIRECT Channel description**

channel	function	explain
1	R1 dimming	
2	G1 dimming	
3	B1 dimming	
4	A1 dimming	
5	W1 dimming	
6	R2 dimming	
7	G2 dimming	
8	B2 dimming	
9	A2 dimming	
10	W2 dimming	

## 12CH DIRECT Channel description

channel	function	explain
1	General dimming	
2	stroboflash	If the relevant strobe is not executed, the value should be



		adjusted to at least the "on" area
		0-19, light off
		20-24, opening the light
		65-69, opening the light
		70-109, slow bright flicker (fast to slow)
		110-114, opening the light
		115-154, slow extinction flicker (fast to slow)
		155-159, opening the light
		160-199, random strobe (fast to slow)
		200-204, opening the light
		245-255 opening the light
3	R aiming	
4	G aiming	
5	B aiming	
6	A aiming	
7	Waiming	
8	Color temperature	000-004.5600K
	(applies to RGB)	005-255, 2000K- 100 00K
		For every 3~4 increase in the push rod value, the color
0		temperature increases by 100K
9	Color tone (acts on	001-127, magenta to neutral
	and RGB)	129-255 neutral to green
10	Color paper (over	000, empty
	RGB/ color	001-255, evenly distribute 60 color papers, refer to the color
	temperature)	paper table below for details
11	Color paper fade in	000-005, empty
	and out (the	006-255, the transition time is getting longer and longer
	between color	
	papers)	
12	Device Settings	The first time you need to push the push rod, the value
		changes once before it can be considered a setting.
		The following functions need to stay for 3 seconds to take
		effect
		000-029 No function
		030-034 8bit
		0.35-0.39 16bit
		040-044 NO TUNCTION
		050-054 DMX signal retention
		055-059 DMX emergency light
		060-064 No function
		065-069 Linear dimming curve
		070-074 Square dimming curve
		075-079, inverse square dimming curve
		080-084 S line dimming curve
		085-089 No function
		090-094 The dimming speed is fast
		095-099 Dimming speed medium
		100-104 dimming speed slow



105-109 Non-functional
110-114 Light bulb effect on (only for color temperature
2700K-3500K)
115-119 The bulb effect is off
120-139 No function
140-144 LED frequency 1kHz
145-149 LED frequency 2kHz
150-154 LED frequency 4kHz
155-159 LED frequency 12kHz
160-164 LED frequency 16kHz
165-169 LED frequency 25kHz
170-174 No function
175-179 The fan is automatic
180-184 The fan is silent
185-189 The fan is shut down
190-194 High power fan
195-199 Non-functional
200-214 Inverse mapping relationship
215-219 Inverse mapping open
220-224 No function
225-229 LED mode-half power
230-234 LED mode-full power
235-239 Not functional
240-255 The current setting is invalid

## **17CH DIRECT Channel description**

channel	function	explain
1	General dimming	
2	stroboflash	If the relevant strobe is not executed, the value should be adjusted to at least the "on light" area
		0-19, light off 20-24, opening the light 25-64, normal strobe (fast to slow) 65-69, opening the light 70-109, slow bright flicker (fast to slow) 110-114, opening the light 115-154, slow extinction flicker (fast to slow) 155-159, opening the light 160-199, random strobe (fast to slow) 200-204, opening the light 205-244, Flash (fast to slow)
3	Dimming 1	
4	R1 dimming	
5	G1 dimming	
6	B1 dimming	
7	A1 dimming	
8	W1 dimming	
9	Dimming 2	



10	R2 dimming	
11	G2 dimming	
12	B2 dimming	
13	A2 dimming	
14	W2 dimming	
15	Color temperature	000-004.5600K
	(acting on RGBAW	005-255, 2000K- 100 00K
	1+2)	For every 3~4 increase in the push rod value, the color
		temperature increases by 100K
16	Tone (acts on color	001-127, magenta to neutral
	temperature and $P_{CBAW}(1+2)$	0, 128, neutral to groop
17	Device Settings	The first time you need to push the push rod, the value
.,	Device Cettings	changes once before it can be considered set.
		The following functions need to stay for 3 seconds to
		take effect
		000-029 No function
		030-034 8bit
		035-039 16DII 040 044 No function
		045-049 DMX signal cleared
		050-054 DMX signal retention
		055-059 DMX, emergency light
		060-064 No function
		065-069 Linear dimming curve
		070-074 Square dimming curve
		075-079, inverse square dimining curve
		085-089 No function
		090-094 The dimming speed is fast
		095-099 Dimming speed medium
		100-104 dimming speed is slow
		105-109 Non-functional
		2700K-3500K)
		115-119 The bulb effect is off
		120-139 No function
		140-144 LED frequency 1kHz
		145-149 LED frequency 2kHz
		155-159 LED frequency 12kHz
		160-164 LED frequency 16kHz
		165-169 LED frequency 25kHz
		170-174 No function
		1/5-1/9 The fan is automatic
		100-104 The fan is slient 185-180 The fan is turned off
		190-194 High power fan
		195-199 Non-functional
		200-214 Inverse mapping relationship
		215-219 Inverse mapping open
		220-224 No function
		220-229 LED mode-nall power
		235-239 Not functional
		240-255 The current setting is invalid



#### channel function explain 1 General dimming 2 stroboflash If the relevant strobe is not executed, the value should be adjusted to at least the "on light" area 0-19, light off 20-24, opening the light 25-64, normal strobe (fast to slow) 65-69, opening the light 70-109, slow bright flicker (fast to slow) 110-114, opening the light 115-154, slow extinction flicker (fast to slow) 155-159, opening the light 160-199, random strobe (fast to slow) 200-204, opening the light 205-244, Flash (fast to slow) 245-255, opening the light 3 Extend the flashing time of the light, which only applies to the duration ordinary flashing of channel 2 (025-064) 4 Dimming 1 5 R1 dimming 6 G1 dimming 7 **B1** dimming 8 A1 dimming 9 W1 dimming 10 Color temperature 1 000-004.5600K (acting on RGBAW 005-255, 2000K- 100 00K For every 3~4 increase in the push rod value, the color 1) temperature increases by 100K 001-127, magenta to neutral 11 Hue 1 (acts on color temperature 1 and 0, 128, neutral RGBAW 1) 129-255, neutral to green 12 Color paper 1 000. empty (priority over 001-255,60 sheets of color paper are evenly distributed. RGBAW1/color Refer to the color paper table below for details temperature 1) 000-005, empty 13 Color paper 1 fade in and out (the 006-255, the transition time is getting longer and longer conversion time between color paper 1) 14 Dimming 2 15 R2 dimming 16 G2 dimming 17 B2 dimming 18 A2 dimming 19 W2 dimming 20 Color temperature 2 000-004,5600K (acting on RGBAW 005-255, 2000K- 100 00K For every 3~4 increase in the push rod value, the color 2) temperature increases by 100K 21 Color tone 2 (acts 001-127, magenta to neutral

#### **28CH DIRECT Channel description**



	on color temperature 2 and RGBAW 2)	0,128, neutral 129-255, neutral-> green
22	Color paper 2 (priority over RGBAW2/color temperature 2)	000, empty 001-255, evenly distribute 60 color papers, refer to the color paper table below for details
23	Color paper 2 fade in and out (the transition time between color paper 2)	000-005, empty 006-255, the transition time is getting longer and longer
24	Effect (priority over RGB 1+2/color temperature 1+2/color paper 1+2)	000-015, empty 016-039, Effect 1 (from slow to fast) 040-063, effect 2 (from slow to fast) 064-087, effect 3 (from slow to fast) 088-111, effect 4 (from slow to fast) 112-135, effect 5 (from slow to fast) 136-159, effect 6 (from slow to fast) 160-183, effect 7 (from slow to fast) 184-207, effect 8 (from slow to fast) 208-231, effect 9 (from slow to fast) 232-255, effect 10 (from slow to fast)
25	The dimming curve	0-51, applies the current preset of the Settings menu 52-101, linear dimming 102-152, square dimming 153-203, inverse square dimming 204-255, S line dimming
26	Dimming speed	0-63, applies the current preset of the Settings menu 64-127, fast 128-191, medium speed 192-255, slow
27	The bulb effect	0-84, applies the current preset of the Settings menu 85-170, closed 171-255, open
28	Device Settings	The first time you need to push the push rod, the value changes once before it can be considered a setting. <b>The following functions need to stay for 3 seconds to</b> <b>take effect</b> 000-029 No function 030-034 8bit 035-039 16bit 040-044 No function 045-049 DMX signal cleared 050-054 DMX signal retention 055-059 DMX, emergency light 060-064 No function 065-069 Linear dimming curve 070-074 Square dimming curve 075-079, inverse square dimming curve 080-084 S line dimming curve 085-089 No function 090-094 The dimming speed is fast 095-099 Dimming speed medium 100-104 dimming speed slow 105-109 Non-functional 110-114 Light bulb effect on (only for color temperature of 2700K-3500K)



11	5-119 The bulb effect is off
12	0-139 No function
14	0-144 LED frequency 1kHz
14	5-149 LED frequency 2kHz
15	0-154 LED frequency 4kHz
15	5-159 LED frequency 12kHz
16	0-164 LED frequency 16kHz
16	5-169 LED frequency 25kHz
17	0-174 No function
17	5-179 The fan is automatic
18	0-184 The fan is silent
18	5-189 The fan is turned off
19	0-194 High power fan
19	5-199 Non-functional
20	0-214 Inverse mapping relationship
21	5-219 Inverse mapping open
22	0-224 No function
22	5-229 LED mode-half power
23	0-234 LED mode-full power
23	5-239 Not functional
24	0-255 The current setting is invalid

### **Channel 41 description**

channel	function	explain
1	General dimming	
2	General dimming fine adjustment	
3	stroboflash	If the relevant strobe is not executed, the value should be adjusted to at least the "on light" area 0-19, light off 20-24, opening the light 25-64, normal strobe (fast to slow) 65-69, opening the light 70-109, slow bright flicker (fast to slow) 110-114, opening the light 115-154, slow extinction flicker (fast to slow) 155-159, opening the light 160-199, random strobe (fast to slow) 200-204, opening the light 205-244, Flash (fast to slow) 245-255, opening the light
4	duration	Extend the flashing time of the light, only for the ordinary flashing of channel 2 (025-064)
5	Dimming 1	
6	Dimming 1 fine adjustment	
7	R1 dimming	
8	R1 dimming fine adjustment	
9	G1 dimming	
10	G1 dimming fine adjustment	
11	B1 dimming	

12	B1 dimming fine	
13	A1 dimming	
14	A1 dimming fine	
15	W1 dimming	
16	W1 dimming fine adjustment	
17	Color temperature 1 (acting on RGBAW 1)	000-004,5600K 005-255, 2000K- 100 00K For every 3~4 increase in the push rod value, the color temperature increases by 100K
18	Hue 1 (acts on color temperature 1 and RGBAW 1)	001-127, magenta to neutral 0, 128, neutral 129-255, neutral to green
19	Color paper 1 (priority over RGBAW1/color temperature 1)	000, empty 001-255,60 sheets of color paper are evenly distributed. Refer to the color paper table below for details
20	Color paper 1 fade in and out (the conversion time between color paper 1)	000-005, empty 006-255, the transition time is getting longer and longer
21	Dimming 2	
22	Dimming 2 fine tuning	
23	R2 dimming	
24	R2 dimming fine adjustment	
25	G2 dimming	
26	G2 dimming fine-tuning	
27	B2 dimming	
28	B2 dimming fine adjustment	
29	A2 dimming	
30	A2 dimming fine adjustment	
31	W2 dimming	
32	W2 dimming fine tuning	
33	Color temperature 2 (acting on RGBAW 2)	000-004,5600K 005-255, 2000K- 100 00K For every 3~4 increase in the push rod value, the color temperature increases by 100K
34	Color tone 2 (acts on color temperature 2 and RGBAW 2)	001-127, magenta-> neutral 0, 128, neutral 129-255, neutral to green
35	Color paper 2 (priority over RGBAW2/color temperature 2)	000, empty 001-255,60 sheets of color paper are evenly distributed. Refer to the color paper table below for details
36	Color paper 2 fade	000-005, empty



	in and out (the	006-255, the transition time is getting longer and longer
	transition time	······································
	between color paper	
	2)	
37	Effect (priority over	000-015. empty
-	RGB 1+2/ color	016-039, effect 1 (from slow to fast)
	temperature	040-063, Effect 2 (from slow to fast)
	1+2/color paper	064-087, effect 3 (from slow to fast)
	1+2)	088-111, effect 4 (from slow to fast)
		112-135, effect 5 (from slow to fast)
		136-159, effect 6 (from slow to fast)
		160-183, effect 7 (from slow to fast)
		184-207, effect 8 (from slow to fast)
		208-231, effect 9 (from slow to fast)
		232-255, effect 10 (from slow to fast)
38	The dimming curve	0-51, applies the current preset of the Settings menu
		52-101, linear dimming
		102-152, square dimming
		153-203, inverse square dimming
		204-255, S line dimming
39	Dimming speed	0-63, applies the current preset of the Settings menu
		04-127, Tast 129, 101, medium encod
		120-191, medium speed
40	The hulb offect	0.84 applies the current preset of the Settings monu
40		85-170 closed
		171-255 open
41	Device Settings	The first time you need to push the push rod, the value
	Dovice Collinge	changes once before it can be considered set.
		The following functions need to stay for 3 seconds to take
		The following functions need to stay for 3 seconds to take effect
		The following functions need to stay for 3 seconds to take effect
		The following functions need to stay for 3 seconds to take effect 000-029 No function 030-034 Rhit
		The following functions need to stay for 3 seconds to take effect 000-029 No function 030-034 8bit 025-020 16bit
		The following functions need to stay for 3 seconds to take effect 000-029 No function 030-034 8bit 035-039 16bit
		The following functions need to stay for 3 seconds to take effect 000-029 No function 030-034 8bit 035-039 16bit 040-044 No function
		The following functions need to stay for 3 seconds to take effect 000-029 No function 030-034 8bit 035-039 16bit 040-044 No function 045-049 DMX signal cleared
		The following functions need to stay for 3 seconds to take effect 000-029 No function 030-034 8bit 035-039 16bit 040-044 No function 045-049 DMX signal cleared 050-054 DMX signal retention
		The following functions need to stay for 3 seconds to take effect 000-029 No function 030-034 8bit 035-039 16bit 040-044 No function 045-049 DMX signal cleared 050-054 DMX signal retention 055-059 DMX, emergency light
		The following functions need to stay for 3 seconds to take effect 000-029 No function 030-034 8bit 035-039 16bit 040-044 No function 045-049 DMX signal cleared 050-054 DMX signal retention 055-059 DMX, emergency light 060-064 No function
		The following functions need to stay for 3 seconds to take effect 000-029 No function 030-034 8bit 035-039 16bit 040-044 No function 045-049 DMX signal cleared 050-054 DMX signal retention 055-059 DMX, emergency light 060-064 No function 065-069 Linear dimming curve
		The following functions need to stay for 3 seconds to take effect 000-029 No function 030-034 8bit 035-039 16bit 040-044 No function 045-049 DMX signal cleared 050-054 DMX signal retention 055-059 DMX, emergency light 060-064 No function 065-069 Linear dimming curve 070-074 Square dimming curve
		The following functions need to stay for 3 seconds to take effect 000-029 No function 030-034 8bit 035-039 16bit 040-044 No function 045-049 DMX signal cleared 050-054 DMX signal retention 055-059 DMX, emergency light 060-064 No function 065-069 Linear dimming curve 070-074 Square dimming curve
		The following functions need to stay for 3 seconds to take effect 000-029 No function 030-034 8bit 035-039 16bit 040-044 No function 045-049 DMX signal cleared 050-054 DMX signal retention 055-059 DMX, emergency light 060-064 No function 065-069 Linear dimming curve 070-074 Square dimming curve 080-084 S line dimming curve
		The following functions need to stay for 3 seconds to take effect 000-029 No function 030-034 8bit 035-039 16bit 040-044 No function 045-049 DMX signal cleared 050-054 DMX signal retention 055-059 DMX, emergency light 060-064 No function 065-069 Linear dimming curve 070-074 Square dimming curve 075-079, inverse square dimming curve 080-084 S line dimming curve 085-089 No function
		The following functions need to stay for 3 seconds to take effect 000-029 No function 030-034 8bit 035-039 16bit 040-044 No function 045-049 DMX signal cleared 050-054 DMX signal retention 055-059 DMX, emergency light 060-064 No function 065-069 Linear dimming curve 070-074 Square dimming curve 075-079, inverse square dimming curve 080-084 S line dimming curve 085-089 No function 090-094 The dimming speed is fast
		The following functions need to stay for 3 seconds to take effect 000-029 No function 030-034 8bit 035-039 16bit 040-044 No function 045-049 DMX signal cleared 050-054 DMX signal retention 055-059 DMX, emergency light 060-064 No function 065-069 Linear dimming curve 070-074 Square dimming curve 075-079, inverse square dimming curve 080-084 S line dimming curve 085-089 No function 090-094 The dimming speed is fast 095-099 Dimming speed medium
		The following functions need to stay for 3 seconds to take effect 000-029 No function 030-034 8bit 035-039 16bit 040-044 No function 045-049 DMX signal cleared 050-054 DMX signal retention 055-059 DMX, emergency light 060-064 No function 065-069 Linear dimming curve 070-074 Square dimming curve 075-079, inverse square dimming curve 080-084 S line dimming curve 085-089 No function 090-094 The dimming speed is fast 095-099 Dimming speed medium 100-104 dimming speed slow
		The following functions need to stay for 3 seconds to take effect 000-029 No function 030-034 8bit 035-039 16bit 040-044 No function 045-049 DMX signal cleared 050-054 DMX signal retention 055-059 DMX, emergency light 060-064 No function 065-069 Linear dimming curve 070-074 Square dimming curve 075-079, inverse square dimming curve 080-084 S line dimming curve 085-089 No function 090-094 The dimming speed is fast 095-099 Dimming speed slow 105-109 Non-functional
		The following functions need to stay for 3 seconds to take effect 000-029 No function 030-034 8bit 035-039 16bit 040-044 No function 045-049 DMX signal cleared 050-054 DMX signal retention 055-059 DMX, emergency light 060-064 No function 065-069 Linear dimming curve 070-074 Square dimming curve 075-079, inverse square dimming curve 080-084 S line dimming curve 085-089 No function 090-094 The dimming speed is fast 095-099 Dimming speed medium 100-104 dimming speed slow 105-109 Non-functional 110-114 Light hulb effect on (only for color temperature
		The following functions need to stay for 3 seconds to take effect 000-029 No function 030-034 8bit 035-039 16bit 040-044 No function 045-049 DMX signal cleared 050-054 DMX signal retention 055-059 DMX, emergency light 060-064 No function 065-069 Linear dimming curve 070-074 Square dimming curve 075-079, inverse square dimming curve 080-084 S line dimming curve 085-089 No function 090-094 The dimming speed is fast 095-099 Dimming speed medium 100-104 dimming speed slow 105-109 Non-functional 110-114 Light bulb effect on (only for color temperature of 2700K-3500K)
		The following functions need to stay for 3 seconds to take effect 000-029 No function 030-034 8bit 035-039 16bit 040-044 No function 045-049 DMX signal cleared 050-054 DMX signal retention 055-059 DMX, emergency light 060-064 No function 065-069 Linear dimming curve 070-074 Square dimming curve 075-079, inverse square dimming curve 080-084 S line dimming curve 085-089 No function 090-094 The dimming speed is fast 095-099 Dimming speed medium 100-104 dimming speed slow 105-109 Non-functional 110-114 Light bulb effect on (only for color temperature of 2700K-3500K) 115-110 The bulb effect is off
		The following functions need to stay for 3 seconds to take effect 000-029 No function 030-034 8bit 035-039 16bit 040-044 No function 045-049 DMX signal cleared 050-054 DMX signal retention 055-059 DMX, emergency light 060-064 No function 065-069 Linear dimming curve 070-074 Square dimming curve 075-079, inverse square dimming curve 080-084 S line dimming curve 085-089 No function 090-094 The dimming speed is fast 095-099 Dimming speed medium 100-104 dimming speed slow 105-109 Non-functional 110-114 Light bulb effect on (only for color temperature of 2700K-3500K) 115-119 The bulb effect is off 120 No function
		The following functions need to stay for 3 seconds to take effect 000-029 No function 030-034 8bit 035-039 16bit 040-044 No function 045-049 DMX signal cleared 050-054 DMX, signal retention 055-059 DMX, emergency light 060-064 No function 065-069 Linear dimming curve 070-074 Square dimming curve 075-079, inverse square dimming curve 080-084 S line dimming curve 085-089 No function 090-094 The dimming speed is fast 095-099 Dimming speed medium 100-104 dimming speed slow 105-109 Non-functional 110-114 Light bulb effect on (only for color temperature of 2700K-3500K) 115-119 The bulb effect is off 120-139 No function
		The following functions need to stay for 3 seconds to take effect 000-029 No function 030-034 8bit 035-039 16bit 040-044 No function 045-049 DMX signal cleared 050-054 DMX, signal retention 055-059 DMX, emergency light 060-064 No function 065-069 Linear dimming curve 070-074 Square dimming curve 075-079, inverse square dimming curve 080-084 S line dimming curve 085-089 No function 090-094 The dimming speed is fast 095-099 Dimming speed medium 100-104 dimming speed slow 105-109 Non-functional 110-114 Light bulb effect on (only for color temperature of 2700K-3500K) 115-119 The bulb effect is off 120-139 No function 140-144 LED frequency 1kHz
		The following functions need to stay for 3 seconds to take effect 000-029 No function 030-034 8bit 035-039 16bit 040-044 No function 045-049 DMX signal cleared 050-054 DMX signal retention 055-059 DMX, emergency light 060-064 No function 065-069 Linear dimming curve 070-074 Square dimming curve 075-079, inverse square dimming curve 080-084 S line dimming curve 085-089 No function 090-094 The dimming speed is fast 095-099 Dimming speed medium 100-104 dimming speed slow 105-109 Non-functional 110-114 Light bulb effect on (only for color temperature of 2700K-3500K) 115-119 The bulb effect is off 120-139 No function 140-144 LED frequency 1kHz 145-149 LED frequency 2kHz



155	-159 LED frequency 12kHz
160	-164 LED frequency 16kHz
165	-169 LED frequency 25kHz
170	-174 No function
175	-179 The fan is automatic
180	-184 Fan noise
18	-189 The fan is off
190	-194 High power fan
195	-199 Non-functional
200	-214 Inverse mapping relationship
215	-219 Inverse mapping open
220	-224 No function
225	-229 LED mode-half power
230	-234 LED mode-full power
235	-239 Not functional
240	-255 The current setting is invalid

#### colour atla

VALUE	COLOR	VALUE	COLOR
1	Oyster white	31	Stone South Purple
2	cream-coloured	32	Clover blue
3	auratus	33	Purple pearls
4	Magenta	34	Blackberries in the pearl
5	ivory tint	35	The pigeons are blue
6	Light ivory	36	azure-blue
7	deep yellow	37	nattier blue
8	popcorn	38	Dragon blue
9	Light orange-yellow	39	sapphirine
10	yellowish orange	40	The changing blue
11	Pale orange	41	water blue
12	Pure orange	42	Far blue
13	Salmon orange	43	wathet
14	Pearl oranges	44	Purple gentian blue
15	The flames are red	45	Pearl night blue
16	The red light is on	46	The copper is green
17	carminum	47	jadite
18	ruby red	48	leaf green
19	amaranth	49	grass green
20	Tomatoes	50	Kelly
21	Pale pink	51	Green traffic
22	rose pink	52	The fern is green
23	coral red	53	Cats eye green
24	rose pink	54	reseda
25	Traffic is red	55	Sunglue blue
26	amaranth	56	Silk grey

27	Dongfang hong	57	cream color
28		58	The signal is white
29	Oxidized red	59	light brown
30	Ding Xianghong	60	Orange-brown

#### REMARK

The product has perfect performance and intergrity packing. All users should be strictly comply with the warning and operating instructions as stated. Or we aren 't in charge of any result by misusing. Any damage resulting by misuse is not within the Company 's warranty. Any fault or problem caused by neglecting the manual is also not in the charge of dealers. Errors and omissions for every information given in this manual excepted. All information is subject to change without prior notice.

