

Medusa Star

With auxiliary light



Instructions

Please read the instructions carefully and keep it properly before using the product

一、Technical parameter

Voltage: AC100~240V 50 / 60 HZ

Power: 12 * 60W (800W)

Pearl: 124-P 60 watt LED beads, 4322015 golden beads, 4322015 cold white beads

Control mode: DMX512, self-travel, master-slave, voice control, with RDM function.

Channel: CH29.CH62.CH170.CH254.CH308.CH332

Dimming: 32bit 0~100% Linear dimming

Features: a single sway + staining + light beam

Operating temperature: -30 degrees ~50 degrees

Floribe frequency: 1-30 HZ

Appearance: metal, black

Connection mode: DMX512 input / output / power input / output.

IP grade: IP20

Dimensions: 1000 * 300 * 165MM

Weight: 26 KG

二、Display the panel and the key definition



Order key: enter / return to the main menu

Up key: menu function selection up / parameter pass add

Down key: Menu function selection down / parameter decreasing

Conkey: Select the menu function and save the menu function parameters.

三、Menu function

After the machine is reset, press the menu key and enter the main menu (exit after 30 seconds on the main menu interface), see the main menu function table (5 main menu options); select the main menu up or down, enter the function parameters of each menu, and then press the confirmation key to save the current function parameters (have the power loss memory after saving).

primary menu	submenu	Menu function description
1. System setting	1. The DMX address	Modify DMX address code up or down (address code optional range 001-512), confirm key save, default 001.
	2, encoder	Turn on / off
	3. Y reversal	Turn on / off
	4. Amplification and reversal	Turn on / off
	5. No signal	zero clearing
	6. Voice-control sensitivity	
	7. Restage	Yes / no
	8. Restore the factory Settings	Yes / no
	9. Advanced Settings	
2. Operation mode	1. Operation mode	Up or down select running mode DMX / voice / automatic, confirm key save, default DMX.
	2. Channel selection	Select up or down channel CH29.CH62.CH170.CH254.CH308.CH332 confirm key save, default CH29.
	3, the Y mode amplitude	
3. Manual control	1,Y	Up or down change the value (adjustable range 000-255), confirm the key save, default 000.
	2, Y fine-tuning	Up or down change the value (adjustable range 000-255), confirm the key save, default 000.
	3. Y speed	Up or down change the value (adjustable range 000-255), confirm the key save, default 000.
	4, Y pattern	Up or down change the value (adjustable range 000-255), confirm the key save, default 000.
	5,CTO	Up or down change the value (adjustable range 000-255), confirm the key save, default 000.
	6, the white CTO	Up or down change the value (adjustable range 000-255), confirm the key save, default 000.
	Color macro	Up or down change the value (adjustable range 000-255), confirm the key save, default 000.
	Pattern	Up or down change the value (adjustable range 000-255), confirm the key save, default 000.
	White light pattern	Up or down change the value (adjustable range 000-255), confirm the key save, default 000.
	10, LED pattern	Up or down change the value (adjustable range 000-255), confirm the key save, default

		000.	
	11, the LED speed	Up or down change the value (adjustable range 000-255), confirm the key save, default 000.	
	12, LED drag the tail	Up or down change the value (adjustable range 000-255), confirm the key save, default 000.	
	13. White light mode	Up or down change the value (adjustable range 000-255), confirm the key save, default 000.	
	14. White light speed	Up or down change the value (adjustable range 000-255), confirm the key save, default 000.	
	White light drags the tail	Up or down change the value (adjustable range 000-255), confirm the key save, default 000.	
	Background color	Up or down change the value (adjustable range 000-255), confirm the key save, default 000.	
	The background tone is the light	Up or down change the value (adjustable range 000-255), confirm the key save, default 000.	
	Tuning	Up or down change the value (adjustable range 000-255), confirm the key save, default 000.	
	White light dimming	Up or down change the value (adjustable range 000-255), confirm the key save, default 000.	
	Flash	Up or down change the value (adjustable range 000-255), confirm the key save, default 000.	
	21. White light strobe	Up or down change the value (adjustable range 000-255), confirm the key save, default 000.	
	Amplification	Up or down change the value (adjustable range 000-255), confirm the key save, default 000.	
	Function	Up or down change the value (adjustable range 000-255), confirm the key save, default 000.	
	Red	Up or down change the value (adjustable range 000-255), confirm the key save, default 000.	
	Green	Up or down change the value (adjustable range 000-255), confirm the key save, default 000.	
	Blue	Up or down change the value (adjustable range 000-255), confirm the key save, default 000.	
	White	Up or down change the value (adjustable range 000-255), confirm the key save, default 000.	
	Cold white dimming	Up or down change the value (adjustable range 000-255), confirm the key save, default 000.	
	Warm and white dimming	Up or down change the value (adjustable range 000-255), confirm the key save, default 000.	
4. Display Settings	1. Language selection	Select Chinese / EN (English) up or down, confirm the key to save, default Chinese.	
	2. Reverse setting	Select off / On up or down, confirm that the key is saved and close by default.	
	3. Screen protection	Up or down, confirm the key to save, open by default.	
	4. Software version	05TB program identification code, not modifiable.	
5. Factory	Show: Please	1, Y1 axis	Modify parameters up or down (range 000-255), confirm key save,

Settings	enter the password! Change up or down to 138, and then press the confirm key to enter the factory setting.	calibration	default 128.
		2, and F1 axis calibration	Modify parameters up or down (range 000-255), confirm key save, default 128.
		3, Y2 axis calibration	Modify parameters up or down (range 000-255), confirm key save, default 128.
		4, the F2 axis calibration	Modify parameters up or down (range 000-255), confirm key save, default 128.
		5, and Y3 axis calibration	Modify parameters up or down (range 000-255), confirm key save, default 128.
		6, and F3 axis calibration	Modify parameters up or down (range 000-255), confirm key save, default 128.
		7, Y4 axis calibration	Modify parameters up or down (range 000-255), confirm key save, default 128.
		8, and F4 axis calibration	Modify parameters up or down (range 000-255), confirm key save, default 128.
		9, Y5 axis calibration	Modify parameters up or down (range 000-255), confirm key save, default 128.
		10, and F5 axis calibration	Modify parameters up or down (range 000-255), confirm key save, default 128.
		11, Y6 axis calibration	Modify parameters up or down (range 000-255), confirm key save, default 128.
		12, and F6 axis calibration	Modify parameters up or down (range 000-255), confirm key save, default 128.
		13, and Y7 axis calibration	Modify parameters up or down (range 000-255), confirm key save, default 128.
		14, and F7 axis calibration	Modify parameters up or down (range 000-255), confirm key save, default 128.
		15, Y8 axis calibration	Modify parameters up or down (range 000-255), confirm key save, default 128.
		16, and F8 axis calibration	Modify parameters up or down (range 000-255), confirm key save, default 128.
		17, and Y9 axis calibration	Modify parameters up or down (range 000-255), confirm key save, default 128.
		18, and F9 axis calibration	Modify parameters up or down (range 000-255), confirm key save, default 128.
		19, Y10 axis calibration	Modify parameters up or down (range 000-255), confirm key save, default 128.
		20, and F10 axis calibration	Modify parameters up or down (range 000-255), confirm key save, default 128.
		21, Y11 axis calibration	Modify parameters up or down (range 000-255), confirm key save, default 128.
		22, F11 axis calibration	Modify parameters up or down (range 000-255), confirm key save, default 128.
		23, Y12 axis calibration	Modify parameters up or down (range 000-255), confirm key save, default 128.

		24, F12 axis calibration	Modify parameters up or down (range 000-255), confirm key save, default 128.
		Y trip	Modify parameters up or down (range 000-255), confirm key save, default 128.
		26, focus stroke	Modify parameters up or down (range 000-255), confirm key save, default 128.
		27. Red 1	Modify parameters up or down (range 000-255), confirm key save, default 252.
		Green 1	Modify parameters up or down (range 000-255), confirm key save, default 252.
		29. Blue 1	Modify parameters up or down (range 000-255), confirm key save, default 252.
		30. White 1	Modify parameters up or down (range 000-255), confirm key save, default 252.
		31. Red 2	Modify parameters up or down (range 000-255), confirm key save, default 252.
		Green 2	Modify parameters up or down (range 000-255), confirm key save, default 252.
		33. Blue 2	Modify parameters up or down (range 000-255), confirm key save, default 252.
		34. White 2	Modify parameters up or down (range 000-255), confirm key save, default 252.
		35. Red 3	Modify parameters up or down (range 000-255), confirm key save, default 252.
		Green 3	Modify parameters up or down (range 000-255), confirm key save, default 252.
		37. Blue 3	Modify parameters up or down (range 000-255), confirm key save, default 252.
		38. White 3	Modify parameters up or down (range 000-255), confirm key save, default 252.
		39. Red 4	Modify parameters up or down (range 000-255), confirm key save, default 252.
		40. Green 4	Modify parameters up or down (range 000-255), confirm key save, default 252.
		41. Blue 4	Modify parameters up or down (range 000-255), confirm key save, default 252.
		42. White 4	Modify parameters up or down (range 000-255), confirm key save, default 252.
		43. Red 5	Modify parameters up or down (range 000-255), confirm key save, default 252.
		Green 5	Modify parameters up or down (range 000-255), confirm key save, default 252.
		45. Blue 5	Modify parameters up or down (range 000-255), confirm key save, default 252.
		White 5	Modify parameters up or down (range 000-255), confirm key save, default 252.
		47. Red 6	Modify parameters up or down (range 000-255), confirm key save, default 000.

		Green 6	Modify parameters up or down (range 000-255), confirm key save, default 000.
		49. Blue 6	Modify parameters up or down (range 000-255), confirm key save, default 000.
		50. White 6	Modify parameters up or down (range 000-255), confirm key save, default 000.
		51. Red 7	Modify parameters up or down (range 000-255), confirm key save, default 000.
		Green 7	Modify parameters up or down (range 000-255), confirm key save, default 000.
		53. Blue 7	Modify parameters up or down (range 000-255), confirm key save, default 000.
		54. White 7	Modify parameters up or down (range 000-255), confirm key save, default 000.
		55. Red 8	Modify parameters up or down (range 000-255), confirm key save, default 000.
		Green 8	Modify parameters up or down (range 000-255), confirm key save, default 000.
		57. Blue 8	Modify parameters up or down (range 000-255), confirm key save, default 000.
		58. White 8	Modify parameters up or down (range 000-255), confirm key save, default 000.
		59. Red 9	Modify parameters up or down (range 000-255), confirm key save, default 000.
		Green 9	Modify parameters up or down (range 000-255), confirm key save, default 000.
		61. Blue 9	Modify parameters up or down (range 000-255), confirm key save, default 000.
		62. White 9	Modify parameters up or down (range 000-255), confirm key save, default 000.
		63, and the red color of 10	Modify parameters up or down (range 000-255), confirm key save, default 000.
		64, green, 10	Modify parameters up or down (range 000-255), confirm key save, default 000.
		65, and the blue color of 10	Modify parameters up or down (range 000-255), confirm key save, default 000.
		66, white, 10	Modify parameters up or down (range 000-255), confirm key save, default 000.
		67, red color 11	Modify parameters up or down (range 000-255), confirm key save, default 000.
		68, the green color of 11	Modify parameters up or down (range 000-255), confirm key save, default 000.
		69, and the blue color of 11	Modify parameters up or down (range 000-255), confirm key save, default 000.
		70, white and 11	Modify parameters up or down (range 000-255), confirm key save, default 000.

		71, red color 12	Modify parameters up or down (range 000-255), confirm key save, default 000.
		72, green color 12	Modify parameters up or down (range 000-255), confirm key save, default 000.
		73, blue color 12	Modify parameters up or down (range 000-255), confirm key save, default 000.
		74, white, 12	Modify parameters up or down (range 000-255), confirm key save, default 000.
		75, and the LEDYF direction	Modify parameters up or down (range 000-255), confirm key save, default 000.
		Current	Modify parameters up or down (range 000-255), confirm key save, default 200.
		77, Logo	Select 000 / 001 up or down, confirm key save, default 000.
		78, temperature	Modify temperature parameters up or down (range 40-70), confirm key save, default 050.
		79. Temperature-fan	Off / standard / quiet
		80, LED	LEDA/LEDB
		81. Mixed-color mode	
		82, the PWM frequency	
		83. The dimming curve	Linear / square rate / inverse square rate / S curve
		84. Dimming mode	Fast / smooth
		Exercise off the light	Linear / square rate / inverse square rate / S curve
		Time zero	Yes / no

四、Master-slave machine control

Two or more identical lamps are connected with DMX three-core signal line, all lamps are modified to 001~512 any address code, set as the host of the machine and step-changing, sound control and self-walking effect.

Special attention:

1、A group of lamps can only be set with one host, if there are more than one host, all the lamps will flash and not synchronized.

2、All lamps must be used when the DMX512 console is closed.

五、DMX512 Control

All the address codes of lamps are set, and all lamps are connected in parallel to the DMX512 console with DMX three-core signal lines. The address code stops flashing, indicating that the DMX512 console signal has been sent to the lamps, and the relevant functions are controlled with the DMX512 console according to the channel instructions.

Note: The Y mode amplitude of qianshou Guanyin V12 upgrade menu is 0. controls the Y mode amplitude as before Y mode amplitude is 1- -255 functional channel 205- -255 control Y mode amplitude Functional channel is 0- -204 to control the Y mode amplitude with the Y mode amplitude set by the menu.

CH29 channel description:

(1 effect for 2 main light, 1 effect for 8 auxiliary light, 1 effect for 4 motor values)

CH	The channel value	Basic function
1	000-255	Y coarse adjustment (Y mode direction)
2	000-255	Y fine-tuning overall (Y mode amplitude)
3	000-255	Y velocity
4	000-255	Y pattern
5	000-255	CTC
6	000-255	White light CTC
7	000-255	Color macro
8	000-255	pattern
9	000-255	White light pattern
10	000-255	LED built-in effect
11	000-255	LED built-in effect speed
12	000-255	LED built-in effect drag time
13	000-255	White light built-in effect
14	000-255	White light with built-in effect speed
15	000-255	White light built-in effect drag time
16	000-255	LED background colour
17	000-255	LED background tone light
18	000-255	Total dimming
19	000-255	The white lamp is always dimmed
20	000-255	strobe flash
21	000-255	White lights flash
22	000-255	Amplify the whole
23	000-255	function
24	000-255	Red color (effect-based color selection)
25	000-255	Green (effect-based color selection)
26	000-255	Blue (effect-color selection)
27	000-255	White (effect-based color selection)

28	000-255	Cold white total dimming
29	000-255	Warm white total dimming

CH 62 channel description:

(1 effect for 2 values of main light, 1 effect for 8 values of auxiliary light, 1 effect for 4 values of motor light)

CH	The channel value	Basic function
1	000-255	Y1 coarse tuning (Y mode direction)
2	000-255	Y1 fine-tuning
3	000-255	Y2 coarse tone (Y of mode amplitude)
4	000-255	Y2 fine-tuning
5	000-255	Y3 coarse tone
6	000-255	Y3 fine-tuning
7	000-255	Y4 thick tone
8	000-255	Y4 fine-tuning
9	000-255	Y5 thick tone
10	000-255	Y5 fine-tuning
11	000-255	Y6 thick tone
12	000-255	Y6 fine-tuning
13	000-255	Y7 thick tone
14	000-255	Y7 fine-tuning
15	000-255	Y8 thick tone
16	000-255	Y8 fine-tuning
17	000-255	Y9 thick tone
18	000-255	Y9 fine-tuning
19	000-255	Y10 thick tone
20	000-255	Y10 fine-tuning
21	000-255	Y11 coarse tone
22	000-255	Y11 fine-tuning
23	000-255	Y12 coarse tone
24	000-255	Y12 fine-tuning
25	000-255	Y velocity
26	000-255	Y pattern
27	000-255	CTC
28	000-255	White light CTC
29	000-255	Color macro
30	000-255	pattern
31	000-255	White light pattern
32	000-255	LED built-in effect
33	000-255	LED built-in effect speed
34	000-255	LED built-in effect drag time
35	000-255	White light built-in effect

36	000-255	White light with built-in effect speed
37	000-255	White light built-in effect drag time
38	000-255	LED background colour
39	000-255	LED background tone light thick tone
40	000-255	Total dimming
41	000-255	The white lamp is always dimmed
42	000-255	strobe flash
43	000-255	White lights flash
44	000-255	Amplification 1
45	000-255	Amplification 2
46	000-255	Amplification 3
47	000-255	Amplification 4
48	000-255	Amplification 5
49	000-255	Amplification 6
50	000-255	Amplification 7
51	000-255	Amplification 8
52	000-255	Amplification 9
53	000-255	Amplification 10
54	000-255	Amplification 11
55	000-255	Amplification 12
56	000-255	function
57	000-255	Red color (effect-based color selection)
58	000-255	Green (effect-based color selection)
59	000-255	Blue (effect-color selection)
60	000-255	White (effect-based color selection)
61	000-255	Cold white total dimming
62	000-255	Warm white total dimming

Description of CH 170 channel:

(1 effect for 2 values of main light, 1 effect for 8 values of auxiliary light, 1 effect for 4 values of motor)

CH	The channel value	Basic function
1	000-255	Total dimming
2	000-255	Total dimming fine-tuning
3	000-255	strobe flash
4	000-255	White lights flash
5	000-255	CTC
6	000-255	pattern
7	000-255	White light pattern
8	000-255	Color macro
9	000-255	White light built-in effect
10	000-255	White light with built-in effect speed

11	000-255	White light built-in effect drag time
12	000-255	function
13	000-255	Y1 coarse tuning (Y mode direction)
14	000-255	Y1 fine-tuning
15	000-255	Amplification 1
16	000-255	Red 1 thick tone
17	000-255	Red 1 fine-tuning
18	000-255	Green 1 thick tone
19	000-255	Green 1 fine-tuning
20	000-255	Blue 1 thick tone
21	000-255	Blue 1 fine-tuning
22	000-255	White 1 thick tone
23	000-255	White 1 fine-tuning
24	000-255	Cold white 1-2-3-70-71-72
25	000-255	Warm white 1-2-3-70-71-72
26	000-255	Y2 coarse tone (Y of mode amplitude)
27	000-255	Y2 fine-tuning
28	000-255	Amplification 2
29	000-255	Red 2 thick tone
30	000-255	Red 2 fine-tuning
31	000-255	Green 2 thick tone
32	000-255	Green 2 fine-tuning
33	000-255	Blue 2 thick tone
34	000-255	Blue 2 fine-tuning
35	000-255	White 2 thick tone
36	000-255	White 2 fine-tuning
37	000-255	Cold white 4-5-6-67-68-69
38	000-255	Warm white 4-5-6-67-68-69
39	000-255	Y3 coarse tone
40	000-255	Y3 fine-tuning
41	000-255	Amplification 3
42	000-255	Red 3 thick tone
43	000-255	Red 3 fine-tuning
44	000-255	Green 3 thick tone
45	000-255	Green 3 fine-tuning
46	000-255	Blue 3 thick tone
47	000-255	Blue 3 fine-tuning
48	000-255	White 3 thick tone
49	000-255	White 3 fine-tuning
50	000-255	Cold white 7-8-9-64-65-66
51	000-255	Warm White 7-8-9-64-65-66
52	000-255	Y4 thick tone
53	000-255	Y4 fine-tuning
54	000-255	Amplification 4
55	000-255	Red 4 thick tone
56	000-255	Red 4 fine-tuning

57	000-255	Green 4 thick tone
58	000-255	Green 4 fine-tuning
59	000-255	Blue 4 thick tone
60	000-255	Blue 4 fine-tuning
61	000-255	White 4 thick tone
62	000-255	White 4 fine-tuning
63	000-255	Cold-white 10-11-12-61-62-63
64	000-255	Narming White 10-11-12-61-62-63
65	000-255	Y5 thick tone
66	000-255	Y5 fine-tuning
67	000-255	Amplification 5
68	000-255	Red 5 thick tone
69	000-255	Red 5 fine-tuning
70	000-255	Green 5 thick tone
71	000-255	Green 5 fine-tuning
72	000-255	Blue 5 thick tone
73	000-255	Blue 5 fine-tuning
74	000-255	White 5 thick tone
75	000-255	White 5 fine-tuning
76	000-255	Cold white 13-14-15-58-59-60
77	000-255	Narming White 13-14-15-58-59-60
78	000-255	Y6 thick tone
79	000-255	Y6 fine-tuning
80	000-255	Amplification 6
81	000-255	Red 6 thick tone
82	000-255	Red 6 fine-tuned
83	000-255	Green 6 thick tone
84	000-255	Green 6 fine-tuning
85	000-255	Blue 6 thick tone
86	000-255	Blue 6 fine-tuning
87	000-255	White 6 thick tone
88	000-255	White 6 fine-tuning
89	000-255	Cold white 16-17-18-55-56-57
90	000-255	Narming White 16-17-18-55-56-57
91	000-255	Y7 thick tone
92	000-255	Y7 fine-tuning
93	000-255	Amplification 7
94	000-255	Red 7 thick tone
95	000-255	Red 7 fine-tuning
96	000-255	Green 7 thick tone
97	000-255	Green 7 fine-tuning
98	000-255	Blue 7 thick tone
99	000-255	Blue 7 fine-tuning
100	000-255	White 7 thick tone
101	000-255	White 7 fine-tuning
102	000-255	Cold white 19-20-21-52-53-54

103	000-255	Narming White 19-20-21-52-53-54
104	000-255	Y8 thick tone
105	000-255	Y8 fine-tuning
106	000-255	Amplification 8
107	000-255	Red 8 thick tone
108	000-255	Red 8 fine-tuning
109	000-255	Green 8 thick tone
110	000-255	Green 8 fine-tuning
111	000-255	Blue 8 thick tone
112	000-255	Blue 8 fine-tuning
113	000-255	White 8 thick tone
114	000-255	White 8 fine-tuning
115	000-255	Cold white 22-23-24-49-50-51
116	000-255	Narming White 22-23-24-49-50-51
117	000-255	Y9 thick tone
118	000-255	Y9 fine-tuning
119	000-255	Amplification 9
120	000-255	Red 9 thick tone
121	000-255	Red 9 fine-tuning
122	000-255	Green 9 thick tone
123	000-255	Green 9 fine-tuning
124	000-255	Blue 9 thick tone
125	000-255	Blue 9 fine-tuning
126	000-255	White 9 thick tone
127	000-255	White 9 fine-tuning
128	000-255	Cold-White 25-26-27-46-47-48
129	000-255	Narming White 25-26-27-46-47-48
130	000-255	Y10 thick tone
131	000-255	Y10 fine-tuning
132	000-255	Amplification 10
133	000-255	Red 10 thick tone
134	000-255	Red 10 fine-tuned
135	000-255	Green 10 thick tone
136	000-255	Green 10 fine-tuning
137	000-255	Blue 10 thick tone
138	000-255	Blue 10 fine-tuned
139	000-255	White 10 thick tone
140	000-255	White 10 fine-tuned
141	000-255	Cold-White 28-29-30-43-44-45
142	000-255	Narming White 28-29-30-43-44-45
143	000-255	Y11 coarse tone
144	000-255	Y11 fine-tuning
145	000-255	Amplification 11
146	000-255	Red 11 thick tone
147	000-255	Red 11 fine-tuning
148	000-255	Green 11 thick tone

149	000-255	Green 11 fine-tuning
150	000-255	Blue 11 thick tone
151	000-255	Blue 11 fine-tuning
152	000-255	White 11 thick tone
153	000-255	White 11 fine-tuning
154	000-255	Cold-White 31-32-33-40-41-42
155	000-255	Narming White 31-32-33-40-41-42
156	000-255	Y12 coarse tone
157	000-255	Y12 fine-tuning
158	000-255	Amplification 12
159	000-255	Red 12 thick tone
160	000-255	Red 12 fine-tuned
161	000-255	Green 12 thick tone
162	000-255	Green 12 fine-tuning
163	000-255	Blue 12 thick tone
164	000-255	Blue 12 fine-tuned
165	000-255	White 12 thick tone
166	000-255	White 12 fine-tuning
167	000-255	Cold-White 34-35-36-37-38-39
168	000-255	Narming White 34-35-36-37-38-39
169	000-255	Cold white total dimming
170	000-255	Warm white total dimming

CH254 channel description:

(1 effect for 2 main light, 1 effect for 8 auxiliary light, 1 effect for 4 motor values)

CH	The channel value	Basic function
1	000-255	Y1 coarse tuning (Y mode direction)
2	000-255	Y1 fine-tuning
3	000-255	Y2 coarse tone (Y of mode amplitude)
4	000-255	Y2 fine-tuning
5	000-255	Y3 coarse tone
6	000-255	Y3 fine-tuning
7	000-255	Y4 thick tone
8	000-255	Y4 fine-tuning
9	000-255	Y5 thick tone
10	000-255	Y5 fine-tuning
11	000-255	Y6 thick tone
12	000-255	Y6 fine-tuning
13	000-255	Y7 thick tone
14	000-255	Y7 fine-tuning
15	000-255	Y8 thick tone
16	000-255	Y8 fine-tuning
17	000-255	Y9 thick tone
18	000-255	Y9 fine-tuning

19	000-255	Y10 thick tone
20	000-255	Y10 fine-tuning
21	000-255	Y11 coarse tone
22	000-255	Y11 fine-tuning
23	000-255	Y12 coarse tone
24	000-255	Y12 fine-tuning
25	000-255	Y velocity
26	000-255	Y pattern
27	000-255	CTC
28	000-255	White light CTC
29	000-255	Color macro
30	000-255	pattern
31	000-255	White light pattern
32	000-255	LED built-in effect
33	000-255	LED built-in effect speed
34	000-255	LED built-in effect drag time
35	000-255	White light built-in effect
36	000-255	White light with built-in effect speed
37	000-255	White light built-in effect drag time
38	000-255	LED background colour
39	000-255	LED background tone light thick tone
40	000-255	Total dimming
41	000-255	The white lamp is always dimmed
42	000-255	strobe flash
43	000-255	White lights flash
44	000-255	Amplification 1
45	000-255	Amplification 2
46	000-255	Amplification 3
47	000-255	Amplification 4
48	000-255	Amplification 5
49	000-255	Amplification 6
50	000-255	Amplification 7
51	000-255	Amplification 8
52	000-255	Amplification 9
53	000-255	Amplification 10
54	000-255	Amplification 11
55	000-255	Amplification 12
56	000-255	function
57	000-255	Red color (effect-based color selection)
58	000-255	Green (effect-based color selection)
59	000-255	Blue (effect-color selection)
60	000-255	White (effect-based color selection)
61	000-255	Cold white total dimming
62	000-255	Warm white total dimming
63	000-255	Red 1
64	000-255	Green 1

65	000-255	Blue 1
66	000-255	White 1
67	000-255	Red 2
68	000-255	Green 2
69	000-255	Blue 2
70	000-255	White 2
71	000-255	Red 3
72	000-255	Green 3
73	000-255	Blue 3
74	000-255	White 3
75	000-255	Red 4
76	000-255	Green 4
77	000-255	Blue 4
78	000-255	White 4
79	000-255	Red 5
80	000-255	Green 5
81	000-255	Blue 5
82	000-255	White 5
83	000-255	Red 6
84	000-255	Green 6
85	000-255	Blue 6
86	000-255	White 6
87	000-255	Red 7
88	000-255	Green 7
89	000-255	Blue 7
90	000-255	White 7
91	000-255	Red 8
92	000-255	Green 8
93	000-255	Blue 8
94	000-255	White 8
95	000-255	Red 9
96	000-255	Green 9
97	000-255	Blue 9
98	000-255	White 9
99	000-255	Red 10
100	000-255	Green 10
101	000-255	Blue 10
102	000-255	White 10
103	000-255	Red 11
104	000-255	Green 11
105	000-255	Blue 11
106	000-255	White 11
107	000-255	Red 12
108	000-255	Green 12
109	000-255	Blue 12
110	000-255	White 12

111	000-255	Cold white 1
112	000-255	Warm white 1
113	000-255	Cold white 2
114	000-255	Warm white 2
115	000-255	Cold white 3
116	000-255	Warm white 3
117	000-255	Cold white 4
118	000-255	Warm white 4
119	000-255	Cold white 5
120	000-255	Warm white 5
121	000-255	Cold white 6
122	000-255	Warm white 6
123	000-255	Cold white 7
124	000-255	Warm white 7
125	000-255	Cold white 8
126	000-255	Warm white 8
127	000-255	Cold white 9
128	000-255	Warm white 9
129	000-255	Cold white 10
130	000-255	Warm white 10
131	000-255	Cold white 11
132	000-255	Warm white 11
133	000-255	Cold white 12
134	000-255	Warm white 12
135	000-255	Cold white 13
136	000-255	Warm white 13
137	000-255	Cold white 14
138	000-255	Warm white 14
139	000-255	Cold white 15
140	000-255	Warm white 15
141	000-255	Cold white 16
142	000-255	Warm white 16
143	000-255	Cold white 17
144	000-255	Warm white 17
145	000-255	Cold white 18
146	000-255	Warm white 18
147	000-255	Cold white 19
148	000-255	Warm white 19
149	000-255	Cold white 20
150	000-255	Warm white 20
151	000-255	Cold white 21
152	000-255	Warm white 21
153	000-255	Cold white 22
154	000-255	Warm white 22
155	000-255	Cold white 23
156	000-255	Warm white 23

157	000-255	Cold white 24
158	000-255	Warm white 24
159	000-255	Cold white 25
160	000-255	Warm white 25
161	000-255	Cold white 26
162	000-255	Warm white 26
163	000-255	Cold white 27
164	000-255	Warm white 27
165	000-255	Cold white 28
166	000-255	Warm white 28
167	000-255	Cold white 29
168	000-255	Warm white 29
169	000-255	Cold white 30
170	000-255	Warm white 30
171	000-255	Cold white 31
172	000-255	Warm white 31
173	000-255	Cold white 32
174	000-255	Warm white 32
175	000-255	Cold white 33
176	000-255	Warm white 33
177	000-255	Cold white 34
178	000-255	Warm white 34
179	000-255	Cold white 35
180	000-255	Warm white 35
181	000-255	Cold white 36
182	000-255	Warm white 36
183	000-255	Cold white 37
184	000-255	Warm white 37
185	000-255	Cold white 38
186	000-255	Warm white 38
187	000-255	Cold white 39
188	000-255	Warm white 39
189	000-255	Cold white 40
190	000-255	Warm white 40
191	000-255	Cold white 41
192	000-255	Warm white 41
193	000-255	Cold white 42
194	000-255	Warm white 42
195	000-255	Cold white 43
196	000-255	Warm white 43
197	000-255	Cold white 44
198	000-255	Warm white 44
199	000-255	Cold white 45
200	000-255	Warm white 45
201	000-255	Cold white 46
202	000-255	Warm white 46

203	000-255	Cold white 47
204	000-255	Warm white 47
205	000-255	Cold white 48
206	000-255	Warm white 48
207	000-255	Cold white 49
208	000-255	Warm white 49
209	000-255	Cold white 50
210	000-255	Warm white 50
211	000-255	Cold white 51
212	000-255	Warm white 51
213	000-255	Cold white 52
214	000-255	Warm white 52
215	000-255	Cold white 53
216	000-255	Warm white 53
217	000-255	Cold white 54
218	000-255	Warm white 54
219	000-255	Cold white 55
220	000-255	Warm white 55
221	000-255	Cold white 56
222	000-255	Warm white 56
223	000-255	Cold white 57
224	000-255	Warm white 57
225	000-255	Cold white 58
226	000-255	Warm white 58
227	000-255	Cold white 59
228	000-255	Warm white 59
229	000-255	Cold white 60
230	000-255	Warm white 60
231	000-255	Cold white 61
232	000-255	Warm white 61
233	000-255	Cold white 62
234	000-255	Warm white 62
235	000-255	Cold white 63
236	000-255	Warm white 63
237	000-255	Cold white 64
238	000-255	Warm white 64
239	000-255	Cold white 65
240	000-255	Warm white 65
241	000-255	Cold white 66
242	000-255	Warm white 66
243	000-255	Cold white 67
244	000-255	Warm white 67
245	000-255	Cold white 68
246	000-255	Warm white 68
247	000-255	Cold white 69
248	000-255	Warm white 69

249	000-255	Cold white 70
250	000-255	Warm white 70
251	000-255	Cold white 71
252	000-255	Warm white 71
253	000-255	Cold white 72
254	000-255	Warm white 72

CH308 channel description:

(1 effect for 2 main light, 1 effect for 8 auxiliary light, 1 effect for 4 motor values)

CH	The channel value	Basic function
1	000-255	Y1 coarse tuning (Y mode direction)
2	000-255	Y1 fine-tuning
3	000-255	Y2 coarse tone (Y of mode amplitude)
4	000-255	Y2 fine-tuning
5	000-255	Y3 coarse tone
6	000-255	Y3 fine-tuning
7	000-255	Y4 thick tone
8	000-255	Y4 fine-tuning
9	000-255	Y5 thick tone
10	000-255	Y5 fine-tuning
11	000-255	Y6 thick tone
12	000-255	Y6 fine-tuning
13	000-255	Y7 thick tone
14	000-255	Y7 fine-tuning
15	000-255	Y8 thick tone
16	000-255	Y8 fine-tuning
17	000-255	Y9 thick tone
18	000-255	Y9 fine-tuning
19	000-255	Y10 thick tone
20	000-255	Y10 fine-tuning
21	000-255	Y11 coarse tone
22	000-255	Y11 fine-tuning
23	000-255	Y12 coarse tone
24	000-255	Y12 fine-tuning
25	000-255	Y velocity
26	000-255	Y pattern
27	000-255	CTC
28	000-255	White light CTC
29	000-255	Color macro
30	000-255	pattern
31	000-255	White light pattern
32	000-255	LED built-in effect
33	000-255	LED built-in effect speed

34	000-255	LED built-in effect drag time
35	000-255	White light built-in effect
36	000-255	White light with built-in effect speed
37	000-255	White light built-in effect drag time
38	000-255	LED background colour
39	000-255	LED background tone light thick tone
40	000-255	LED background tone light fine-tuning
41	000-255	Total dimming
42	000-255	Total dimming fine-tuning
43	000-255	The white lamp is always dimmed
44	000-255	strobe flash
45	000-255	White lights flash
46	000-255	Amplification 1
47	000-255	Amplification 2
48	000-255	Amplification 3
49	000-255	Amplification 4
50	000-255	Amplification 5
51	000-255	Amplification 6
52	000-255	Amplification 7
53	000-255	Amplification 8
54	000-255	Amplification 9
55	000-255	Amplification 10
56	000-255	Amplification 11
57	000-255	Amplification 12
58	000-255	function
59	000-255	Red color (effect-based color selection)
60	000-255	Red trim (effect color selection)
61	000-255	Green (effect-based color selection)
62	000-255	Green trim (effect color selection)
63	000-255	Blue (effect-color selection)
64	000-255	Blue trim (effect color selection)
65	000-255	White (effect-based color selection)
66	000-255	White fine-tuning (effect and color selection)
67	000-255	Cold white total dimming
68	000-255	Warm white total dimming
69	000-255	Red 1 thick tone
70	000-255	Red 1 fine-tuning
71	000-255	Green 1 thick tone
72	000-255	Green 1 fine-tuning
73	000-255	Blue 1 thick tone
74	000-255	Blue 1 fine-tuning
75	000-255	White 1 thick tone
76	000-255	White 1 fine-tuning
77	000-255	Red 2 thick tone
78	000-255	Red 2 fine-tuning
79	000-255	Green 2 thick tone

80	000-255	Green 2 fine-tuning
81	000-255	Blue 2 thick tone
82	000-255	Blue 2 fine-tuning
83	000-255	White 2 thick tone
84	000-255	White 2 fine-tuning
85	000-255	Red 3 thick tone
86	000-255	Red 3 fine-tuning
87	000-255	Green 3 thick tone
88	000-255	Green 3 fine-tuning
89	000-255	Blue 3 thick tone
90	000-255	Blue 3 fine-tuning
91	000-255	White 3 thick tone
92	000-255	White 3 fine-tuning
93	000-255	Red 4 thick tone
94	000-255	Red 4 fine-tuning
95	000-255	Green 4 thick tone
96	000-255	Green 4 fine-tuning
97	000-255	Blue 4 thick tone
98	000-255	Blue 4 fine-tuning
99	000-255	White 4 thick tone
100	000-255	White 4 fine-tuning
101	000-255	Red 5 thick tone
102	000-255	Red 5 fine-tuning
103	000-255	Green 5 thick tone
104	000-255	Green 5 fine-tuning
105	000-255	Blue 5 thick tone
106	000-255	Blue 5 fine-tuning
107	000-255	White 5 thick tone
108	000-255	White 5 fine-tuning
109	000-255	Red 6 thick tone
110	000-255	Red 6 fine-tuned
111	000-255	Green 6 thick tone
112	000-255	Green 6 fine-tuning
113	000-255	Blue 6 thick tone
114	000-255	Blue 6 fine-tuning
115	000-255	White 6 thick tone
116	000-255	White 6 fine-tuning
117	000-255	Red 7 thick tone
118	000-255	Red 7 fine-tuning
119	000-255	Green 7 thick tone
120	000-255	Green 7 fine-tuning
121	000-255	Blue 7 thick tone
122	000-255	Blue 7 fine-tuning
123	000-255	White 7 thick tone
124	000-255	White 7 fine-tuning
125	000-255	Red 8 thick tone

126	000-255	Red 8 fine-tuning
127	000-255	Green 8 thick tone
128	000-255	Green 8 fine-tuning
129	000-255	Blue 8 thick tone
130	000-255	Blue 8 fine-tuning
131	000-255	White 8 thick tone
132	000-255	White 8 fine-tuning
133	000-255	Red 9 thick tone
134	000-255	Red 9 fine-tuning
135	000-255	Green 9 thick tone
136	000-255	Green 9 fine-tuning
137	000-255	Blue 9 thick tone
138	000-255	Blue 9 fine-tuning
139	000-255	White 9 thick tone
140	000-255	White 9 fine-tuning
141	000-255	Red 10 thick tone
142	000-255	Red 10 fine-tuned
143	000-255	Green 10 thick tone
144	000-255	Green 10 fine-tuning
145	000-255	Blue 10 thick tone
146	000-255	Blue 10 fine-tuned
147	000-255	White 10 thick tone
148	000-255	White 10 fine-tuned
149	000-255	Red 11 thick tone
150	000-255	Red 11 fine-tuning
151	000-255	Green 11 thick tone
152	000-255	Green 11 fine-tuning
153	000-255	Blue 11 thick tone
154	000-255	Blue 11 fine-tuning
155	000-255	White 11 thick tone
156	000-255	White 11 fine-tuning
157	000-255	Red 12 thick tone
158	000-255	Red 12 fine-tuned
159	000-255	Green 12 thick tone
160	000-255	Green 12 fine-tuning
161	000-255	Blue 12 thick tone
162	000-255	Blue 12 fine-tuned
163	000-255	White 12 thick tone
164	000-255	White 12 fine-tuning
165	000-255	Cold white 1
166	000-255	Warm white 1
167	000-255	Cold white 2
168	000-255	Warm white 2
169	000-255	Cold white 3
170	000-255	Warm white 3
171	000-255	Cold white 4

172	000-255	Warm white 4
173	000-255	Cold white 5
174	000-255	Warm white 5
175	000-255	Cold white 6
176	000-255	Warm white 6
177	000-255	Cold white 7
178	000-255	Warm white 7
179	000-255	Cold white 8
180	000-255	Warm white 8
181	000-255	Cold white 9
182	000-255	Warm white 9
183	000-255	Cold white 10
184	000-255	Warm white 10
185	000-255	Cold white 11
186	000-255	Warm white 11
187	000-255	Cold white 12
188	000-255	Warm white 12
189	000-255	Cold white 13
190	000-255	Warm white 13
191	000-255	Cold white 14
192	000-255	Warm white 14
193	000-255	Cold white 15
194	000-255	Warm white 15
195	000-255	Cold white 16
196	000-255	Warm white 16
197	000-255	Cold white 17
198	000-255	Warm white 17
199	000-255	Cold white 18
200	000-255	Warm white 18
201	000-255	Cold white 19
202	000-255	Warm white 19
203	000-255	Cold white 20
204	000-255	Warm white 20
205	000-255	Cold white 21
206	000-255	Warm white 21
207	000-255	Cold white 22
208	000-255	Warm white 22
209	000-255	Cold white 23
210	000-255	Warm white 23
211	000-255	Cold white 24
212	000-255	Warm white 24
213	000-255	Cold white 25
214	000-255	Warm white 25
215	000-255	Cold white 26
216	000-255	Warm white 26
217	000-255	Cold white 27

218	000-255	Warm white 27
219	000-255	Cold white 28
220	000-255	Warm white 28
221	000-255	Cold white 29
222	000-255	Warm white 29
223	000-255	Cold white 30
224	000-255	Warm white 30
225	000-255	Cold white 31
226	000-255	Warm white 31
227	000-255	Cold white 32
228	000-255	Warm white 32
229	000-255	Cold white 33
230	000-255	Warm white 33
231	000-255	Cold white 34
232	000-255	Warm white 34
233	000-255	Cold white 35
234	000-255	Warm white 35
235	000-255	Cold white 36
236	000-255	Warm white 36
237	000-255	Cold white 37
238	000-255	Warm white 37
239	000-255	Cold white 38
240	000-255	Warm white 38
241	000-255	Cold white 39
242	000-255	Warm white 39
243	000-255	Cold white 40
244	000-255	Warm white 40
245	000-255	Cold white 41
246	000-255	Warm white 41
247	000-255	Cold white 42
248	000-255	Warm white 42
249	000-255	Cold white 43
250	000-255	Warm white 43
251	000-255	Cold white 44
252	000-255	Warm white 44
253	000-255	Cold white 45
254	000-255	Warm white 45
255	000-255	Cold white 46
256	000-255	Warm white 46
257	000-255	Cold white 47
258	000-255	Warm white 47
259	000-255	Cold white 48
260	000-255	Warm white 48
261	000-255	Cold white 49
262	000-255	Warm white 49
263	000-255	Cold white 50

264	000-255	Warm white 50
265	000-255	Cold white 51
266	000-255	Warm white 51
267	000-255	Cold white 52
268	000-255	Warm white 52
269	000-255	Cold white 53
270	000-255	Warm white 53
271	000-255	Cold white 54
272	000-255	Warm white 54
273	000-255	Cold white 55
274	000-255	Warm white 55
275	000-255	Cold white 56
276	000-255	Warm white 56
277	000-255	Cold white 57
278	000-255	Warm white 57
279	000-255	Cold white 58
280	000-255	Warm white 58
281	000-255	Cold white 59
282	000-255	Warm white 59
283	000-255	Cold white 60
284	000-255	Warm white 60
285	000-255	Cold white 61
286	000-255	Warm white 61
287	000-255	Cold white 62
288	000-255	Warm white 62
289	000-255	Cold white 63
290	000-255	Warm white 63
291	000-255	Cold white 64
292	000-255	Warm white 64
293	000-255	Cold white 65
294	000-255	Warm white 65
295	000-255	Cold white 66
296	000-255	Warm white 66
297	000-255	Cold white 67
298	000-255	Warm white 67
299	000-255	Cold white 68
300	000-255	Warm white 68
301	000-255	Cold white 69
302	000-255	Warm white 69
303	000-255	Cold white 70
304	000-255	Warm white 70
305	000-255	Cold white 71
306	000-255	Warm white 71
307	000-255	Cold white 72
308	000-255	Warm white 72

CH332 channel description:**(1 effect for 2 main light, 1 effect for 8 auxiliary light, 1 effect for 4 motor values)**

CH	The channel value	Basic function
1	000-255	Y1 coarse tuning (Y mode direction)
2	000-255	Y1 fine-tuning
3	000-255	Y2 coarse tone (Y of mode amplitude)
4	000-255	Y2 fine-tuning
5	000-255	Y3 coarse tone
6	000-255	Y3 fine-tuning
7	000-255	Y4 thick tone
8	000-255	Y4 fine-tuning
9	000-255	Y5 thick tone
10	000-255	Y5 fine-tuning
11	000-255	Y6 thick tone
12	000-255	Y6 fine-tuning
13	000-255	Y7 thick tone
14	000-255	Y7 fine-tuning
15	000-255	Y8 thick tone
16	000-255	Y8 fine-tuning
17	000-255	Y9 thick tone
18	000-255	Y9 fine-tuning
19	000-255	Y10 thick tone
20	000-255	Y10 fine-tuning
21	000-255	Y11 coarse tone
22	000-255	Y11 fine-tuning
23	000-255	Y12 coarse tone
24	000-255	Y12 fine-tuning
25	000-255	Y velocity
26	000-255	Y pattern
27	000-255	CTC
28	000-255	White light CTC
29	000-255	Color macro
30	000-255	pattern
31	000-255	White light pattern
32	000-255	LED built-in effect
33	000-255	LED built-in effect speed
34	000-255	LED built-in effect drag time
35	000-255	White light built-in effect
36	000-255	White light with built-in effect speed
37	000-255	White light built-in effect drag time
38	000-255	LED background colour
39	000-255	LED background tone light thick tone
40	000-255	LED background tone light fine-tuning

41	000-255	Total dimming
42	000-255	Total dimming fine-tuning
43	000-255	The white lamp is always dimmed
44	000-255	stroboflash
45	000-255	White lights flash
46	000-255	Amplification 1
47	000-255	Amplification 2
48	000-255	Amplification 3
49	000-255	Amplification 4
50	000-255	Amplification 5
51	000-255	Amplification 6
52	000-255	Amplification 7
53	000-255	Amplification 8
54	000-255	Amplification 9
55	000-255	Amplification 10
56	000-255	Amplification 11
57	000-255	Amplification 12
58	000-255	function
59	000-255	Red color (effect-based color selection)
60	000-255	Red trim (effect color selection)
61	000-255	Green (effect-based color selection)
62	000-255	Green trim (effect color selection)
63	000-255	Blue (effect-color selection)
64	000-255	Blue trim (effect color selection)
65	000-255	White (effect-based color selection)
66	000-255	White fine-tuning (effect and color selection)
67	000-255	Cold white total dimming
68	000-255	Warm white total dimming
69	000-255	Tuning 1 rough adjustment
70	000-255	Tuning 1 fine-tuning
71	000-255	Red 1 thick tone
72	000-255	Red 1 fine-tuning
73	000-255	Green 1 thick tone
74	000-255	Green 1 fine-tuning
75	000-255	Blue 1 thick tone
76	000-255	Blue 1 fine-tuning
77	000-255	White 1 thick tone
78	000-255	White 1 fine-tuning
79	000-255	Tuning 2 rough adjustment
80	000-255	Tuning 2 fine-tuning
81	000-255	Red 2 thick tone
82	000-255	Red 2 fine-tuning
83	000-255	Green 2 thick tone
84	000-255	Green 2 fine-tuning
85	000-255	Blue 2 thick tone
86	000-255	Blue 2 fine-tuning

87	000-255	White 2 thick tone
88	000-255	White 2 fine-tuning
89	000-255	Tuning 3 thick tone
90	000-255	Tuning 3 fine-tuning
91	000-255	Red 3 thick tone
92	000-255	Red 3 fine-tuning
93	000-255	Green 3 thick tone
94	000-255	Green 3 fine-tuning
95	000-255	Blue 3 thick tone
96	000-255	Blue 3 fine-tuning
97	000-255	White 3 thick tone
98	000-255	White 3 fine-tuning
99	000-255	Tuning 4 thick tone
100	000-255	Tuning 4 fine-tuning
101	000-255	Red 4 thick tone
102	000-255	Red 4 fine-tuning
103	000-255	Green 4 thick tone
104	000-255	Green 4 fine-tuning
105	000-255	Blue 4 thick tone
106	000-255	Blue 4 fine-tuning
107	000-255	White 4 thick tone
108	000-255	White 4 fine-tuning
109	000-255	Tuning 5 thick tone
110	000-255	Tuning 5 fine-tuning
111	000-255	Red 5 thick tone
112	000-255	Red 5 fine-tuning
113	000-255	Green 5 thick tone
114	000-255	Green 5 fine-tuning
115	000-255	Blue 5 thick tone
116	000-255	Blue 5 fine-tuning
117	000-255	White 5 thick tone
118	000-255	White 5 fine-tuning
119	000-255	Dim 6 thick tone
120	000-255	Tuning 6 fine-tuning
121	000-255	Red 6 thick tone
122	000-255	Red 6 fine-tuned
123	000-255	Green 6 thick tone
124	000-255	Green 6 fine-tuning
125	000-255	Blue 6 thick tone
126	000-255	Blue 6 fine-tuning
127	000-255	White 6 thick tone
128	000-255	White 6 fine-tuning
129	000-255	Tuning 7 thick tone
130	000-255	Tuning 7 fine-tuning
131	000-255	Red 7 thick tone
132	000-255	Red 7 fine-tuning

133	000-255	Green 7 thick tone
134	000-255	Green 7 fine-tuning
135	000-255	Blue 7 thick tone
136	000-255	Blue 7 fine-tuning
137	000-255	White 7 thick tone
138	000-255	White 7 fine-tuning
139	000-255	Dim 8 thick tone
140	000-255	Tuning 8 fine-tuning
141	000-255	Red 8 thick tone
142	000-255	Red 8 fine-tuning
143	000-255	Green 8 thick tone
144	000-255	Green 8 fine-tuning
145	000-255	Blue 8 thick tone
146	000-255	Blue 8 fine-tuning
147	000-255	White 8 thick tone
148	000-255	White 8 fine-tuning
149	000-255	Tune 9 thick tone
150	000-255	Tuning 9 fine-tuning
151	000-255	Red 9 thick tone
152	000-255	Red 9 fine-tuning
153	000-255	Green 9 thick tone
154	000-255	Green 9 fine-tuning
155	000-255	Blue 9 thick tone
156	000-255	Blue 9 fine-tuning
157	000-255	White 9 thick tone
158	000-255	White 9 fine-tuning
159	000-255	Tuning 10 thick tone
160	000-255	Tuning 10 fine-tuning
161	000-255	Red 10 thick tone
162	000-255	Red 10 fine-tuned
163	000-255	Green 10 thick tone
164	000-255	Green 10 fine-tuning
165	000-255	Blue 10 thick tone
166	000-255	Blue 10 fine-tuned
167	000-255	White 10 thick tone
168	000-255	White 10 fine-tuned
169	000-255	Tuning 11 thick tone
170	000-255	Tuning 11 fine-tuning
171	000-255	Red 11 thick tone
172	000-255	Red 11 fine-tuning
173	000-255	Green 11 thick tone
174	000-255	Green 11 fine-tuning
175	000-255	Blue 11 thick tone
176	000-255	Blue 11 fine-tuning
177	000-255	White 11 thick tone
178	000-255	White 11 fine-tuning

179	000-255	Tuning 12 thick tone
180	000-255	Tuning 12 fine-tuning
181	000-255	Red 12 thick tone
182	000-255	Red 12 fine-tuned
183	000-255	Green 12 thick tone
184	000-255	Green 12 fine-tuning
185	000-255	Blue 12 thick tone
186	000-255	Blue 12 fine-tuned
187	000-255	White 12 thick tone
188	000-255	White 12 fine-tuning
189	000-255	Cold white 1
190	000-255	Warm white 1
191	000-255	Cold white 2
192	000-255	Warm white 2
193	000-255	Cold white 3
194	000-255	Warm white 3
195	000-255	Cold white 4
196	000-255	Warm white 4
197	000-255	Cold white 5
198	000-255	Warm white 5
199	000-255	Cold white 6
200	000-255	Warm white 6
201	000-255	Cold white 7
202	000-255	Warm white 7
203	000-255	Cold white 8
204	000-255	Warm white 8
205	000-255	Cold white 9
206	000-255	Warm white 9
207	000-255	Cold white 10
208	000-255	Warm white 10
209	000-255	Cold white 11
210	000-255	Warm white 11
211	000-255	Cold white 12
212	000-255	Warm white 12
213	000-255	Cold white 13
214	000-255	Warm white 13
215	000-255	Cold white 14
216	000-255	Warm white 14
217	000-255	Cold white 15
218	000-255	Warm white 15
219	000-255	Cold white 16
220	000-255	Warm white 16
221	000-255	Cold white 17
222	000-255	Warm white 17
223	000-255	Cold white 18
224	000-255	Warm white 18

225	000-255	Cold white 19
226	000-255	Warm white 19
227	000-255	Cold white 20
228	000-255	Warm white 20
229	000-255	Cold white 21
230	000-255	Warm white 21
231	000-255	Cold white 22
232	000-255	Warm white 22
233	000-255	Cold white 23
234	000-255	Warm white 23
235	000-255	Cold white 24
236	000-255	Warm white 24
237	000-255	Cold white 25
238	000-255	Warm white 25
239	000-255	Cold white 26
240	000-255	Warm white 26
241	000-255	Cold white 27
242	000-255	Warm white 27
243	000-255	Cold white 28
244	000-255	Warm white 28
245	000-255	Cold white 29
246	000-255	Warm white 29
247	000-255	Cold white 30
248	000-255	Warm white 30
249	000-255	Cold white 31
250	000-255	Warm white 31
251	000-255	Cold white 32
252	000-255	Warm white 32
253	000-255	Cold white 33
254	000-255	Warm white 33
255	000-255	Cold white 34
256	000-255	Warm white 34
257	000-255	Cold white 35
258	000-255	Warm white 35
259	000-255	Cold white 36
260	000-255	Warm white 36
261	000-255	Cold white 37
262	000-255	Warm white 37
263	000-255	Cold white 38
264	000-255	Warm white 38
265	000-255	Cold white 39
266	000-255	Warm white 39
267	000-255	Cold white 40
268	000-255	Warm white 40
269	000-255	Cold white 41
270	000-255	Warm white 41

271	000-255	Cold white 42
272	000-255	Warm white 42
273	000-255	Cold white 43
274	000-255	Warm white 43
275	000-255	Cold white 44
276	000-255	Warm white 44
277	000-255	Cold white 45
278	000-255	Warm white 45
279	000-255	Cold white 46
280	000-255	Warm white 46
281	000-255	Cold white 47
282	000-255	Warm white 47
283	000-255	Cold white 48
284	000-255	Warm white 48
285	000-255	Cold white 49
286	000-255	Warm white 49
287	000-255	Cold white 50
288	000-255	Warm white 50
289	000-255	Cold white 51
290	000-255	Warm white 51
291	000-255	Cold white 52
292	000-255	Warm white 52
293	000-255	Cold white 53
294	000-255	Warm white 53
295	000-255	Cold white 54
296	000-255	Warm white 54
297	000-255	Cold white 55
298	000-255	Warm white 55
299	000-255	Cold white 56
300	000-255	Warm white 56
301	000-255	Cold white 57
302	000-255	Warm white 57
303	000-255	Cold white 58
304	000-255	Warm white 58
305	000-255	Cold white 59
306	000-255	Warm white 59
307	000-255	Cold white 60
308	000-255	Warm white 60
309	000-255	Cold white 61
310	000-255	Warm white 61
311	000-255	Cold white 62
312	000-255	Warm white 62
313	000-255	Cold white 63
314	000-255	Warm white 63
315	000-255	Cold white 64
316	000-255	Warm white 64

317	000-255	Cold white 65
318	000-255	Warm white 65
319	000-255	Cold white 66
320	000-255	Warm white 66
321	000-255	Cold white 67
322	000-255	Warm white 67
323	000-255	Cold white 68
324	000-255	Warm white 68
325	000-255	Cold white 69
326	000-255	Warm white 69
327	000-255	Cold white 70
328	000-255	Warm white 70
329	000-255	Cold white 71
330	000-255	Warm white 71
331	000-255	Cold white 72
332	000-255	Warm white 72

六、Product maintenance and cleaning

Please note the following points when testing this product:

1. All the screws and parts of the installed products must be tightly connected and do not rust.
2. The shell, lens, fixture and installation site (e. g., ceiling, hanger, truss, etc.) cannot be deformed
3. Mechanical moving parts should not have wear and tear, can not rotate unbalanced.
4. The power cord should not have any damage, material broken skin or scar, etc

The installation and use of the product must be carried out by trained professional and technical personnel, and must ensure that the safety risks are eliminated.

In order to maintain the product in good condition and extend the service life, we recommend routine cleaning of the product.

1. Clean the external lens and internal lens of the product every week to prevent the light output of the product from weakening due to the dust of the lens.
2. Clean the fan every week.
3. Every three months, a professional electrical engineer will check the product in a detailed circuit, to ensure that the circuit contact is good, to prevent the circuit contact from aging due to overheating.

We recommend that the products be cleaned regularly. Be careful not to use damp or linen, or never use alcohol or solvents.

This product is not equipped with replacement parts, please refer to the "Installation Instructions" section.

If users need any spare parts, please purchase them from any local dealer.