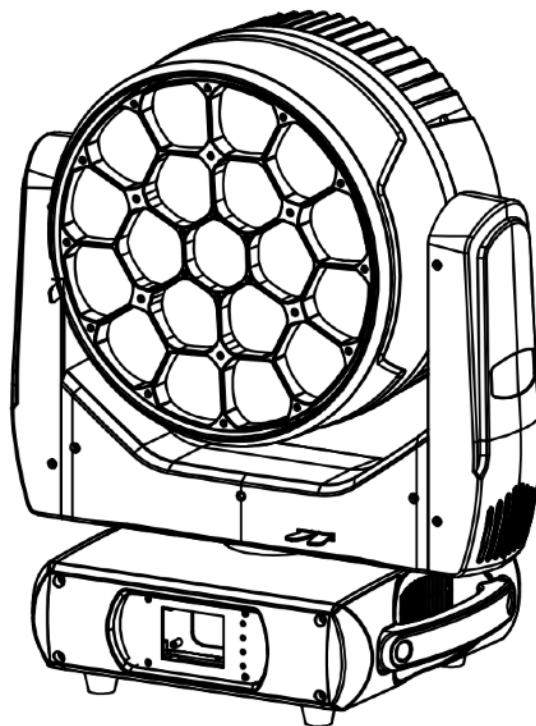


Clair Lighting LED STRATOS PRO

User's Manual



Version number 1.0

Please read the instructions carefully before use

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First of all, thank you! We have purchased the new, stable and durable LED lamps in the current market. Before the market, our company has developed, analysed and designed this product for many years, and passed comprehensive quality control in the production process to ensure the excellent quality and stability of the product. So feel free to use; before using the lamp, please read the instructions carefully containing important information such as safety instructions and maintenance; and teach you how to maximise the effect of the lamp. Each of our lamps was rigorously tested before shipment. Please check the carton or air box before unpacking for packaging damage during transportation. If any damage is found, please check your lamps and accessories for abnormalities. If the lights are damaged or accessories are lost, please contact your dealer.

Accessories included in the package:

- Power cord
- Signal cable
- Safety chain
- Users manual
- Hanging gear

For optional accessories such as air boxes and light hooks, please contact your dealer

Precautions for products

1. In order to ensure the service life of the product, this product should not be placed in a wet or leaky place. The highest working environment temperature should not exceed 40°, and the lowest temperature should not be lower than -5°
2. Do not place the product in a place that is easy to loosen or vibrate.
3. In order to avoid the danger of electric shock, please ask professionals for the maintenance of this product.
4. When the lamps are used, the change of the power supply voltage shall not exceed $\pm 10\%$.

5. The lamps are designed according to the type of electric shock protection, and the lamps should be connected with the power supply system with full grounding. And the earth line of the lamps must be connected with the earth line of the power supply system, and the earth sign of the metal shell of the lamps should be safely connected with the installation of the lamp frame.

6. Please do not look at the light source, it damages the eyes and may lead to visual blindness.

7. Check whether the voltage, frequency and other electrical data of the power supply line of the lamps are consistent with the voltage and frequency parameters marked by the lamps, so as to avoid voltage inconsistency and burn out the lamps.

Maintenance.

1. The lamp should be kept dry to avoid working in a wet environment.

2. The use of flash will effectively extend the life of the lamp.

3. In order to obtain a good ventilation effect and lighting effect, attention should be paid to the frequent cleaning of fans, fan nets and lenses. Do not wipe the shell of lamps with organic solution such as sprinkling essence to avoid damage.

Statement

This product in the factory, the performance is intact, complete packaging. All users shall strictly comply with the warnings and operating instructions stated above, any damage caused by misuse is not covered by the Company's warranty and the faults and problems caused by the neglect of the operating manual. Note: Based on our policy of continuous product improvement, the data contained in this specification may change in the future and no further notice will be given. The Company reserves the right to change the relevant specification data during the product improvement.

The publisher of this package insert will not bear any responsibility for the related consequences arising as a result of this information.

Technical parameter

Input voltage: AC90-260V, 50 / 60Hz

Overall power: 850W

Lamp source: Osram 19pcs x 40W LED RGBW 4in1

LED lifespan : 50,000 hours

Color temperature: 2500K-9000K

Effects

Zoom range: 4-60°, 39,000 lux @ 5 m @ minimum Angle

With dyeing, beam, graphics, special effects

The front mirror plate can be bidirectional fast / slow infinite rotation

With the vortex, kaleidoscope, small pretty waist and other classic effect

Built-in rich effect program

40100% linear dimming modes

2 color-switching modes (RGBW / CMY)

Strobe slowest: 1 time / second, fastest: 25 times / second

Control mode:

Rotation angle of the XY axis: 540 / 270°

Control mode: DMX512 / RDM /

DMX channel: 21 / 35 / 78 / 92 / 97

DMX signal interface:3-core optional network port input and output

Net weight: 22kg

Lighting installation

Note: During the installation test, pedestrians should not pass under the lamp. In the light fixtures

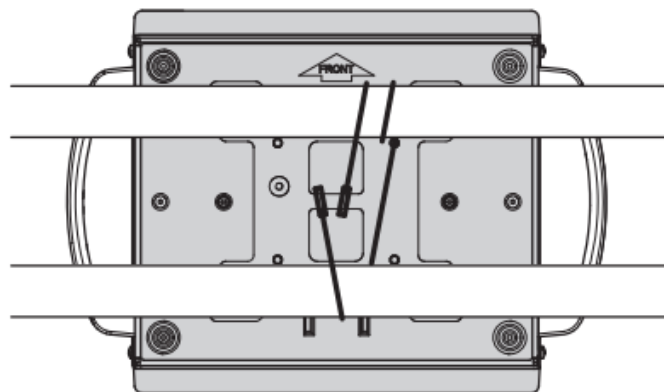
Before positioning and installation, ensure that the installation point (object) is at least able to withstand the weight of the product More than ten times the bearing capacity. The installed lamps and lanterns should check whether the safety cable is sent out regularly every week

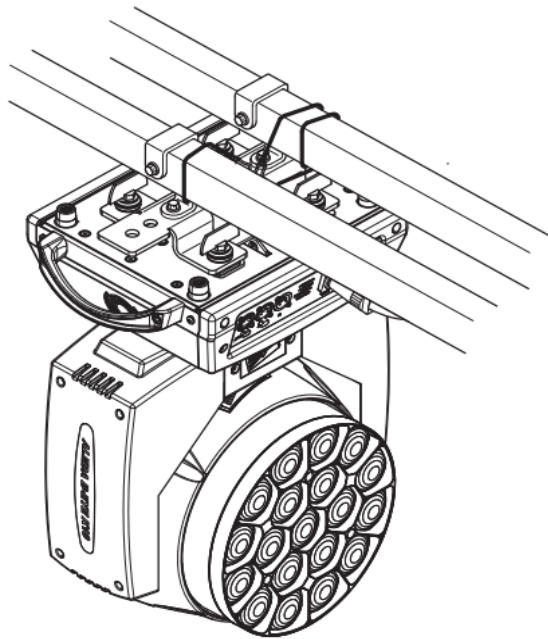
Now wear, hook, hanger is loose. This happens because of the unstable installation of the bridge frame

Solid, and cause the lamp fall of all the consequences, the manufacturer does not bear any responsibility.

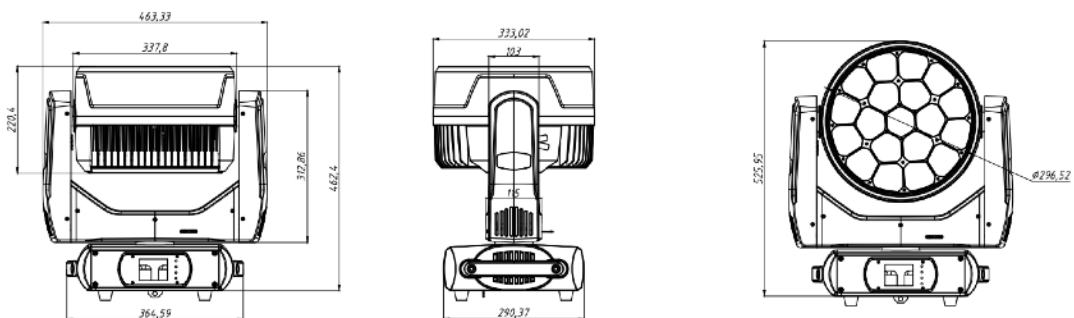
When installing with the lamp hook, please use the previous safety cable as the installation safety measure to avoid

The accident occurred. See the following installation





3 D size diagram

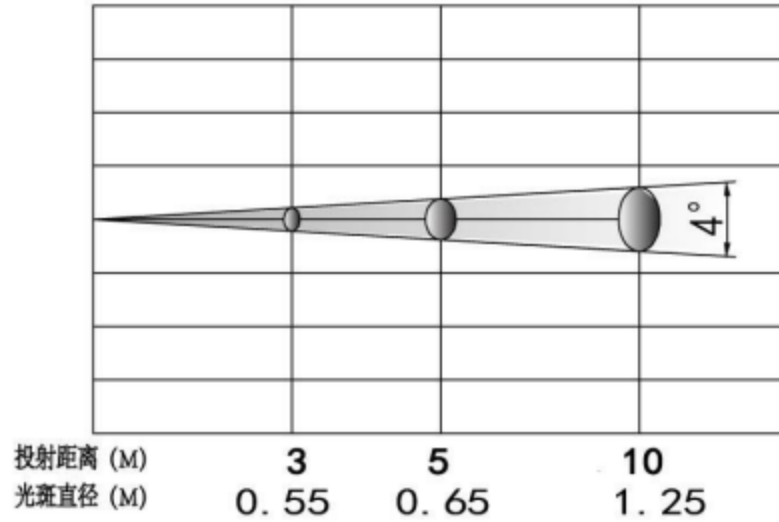


Electrical parameter

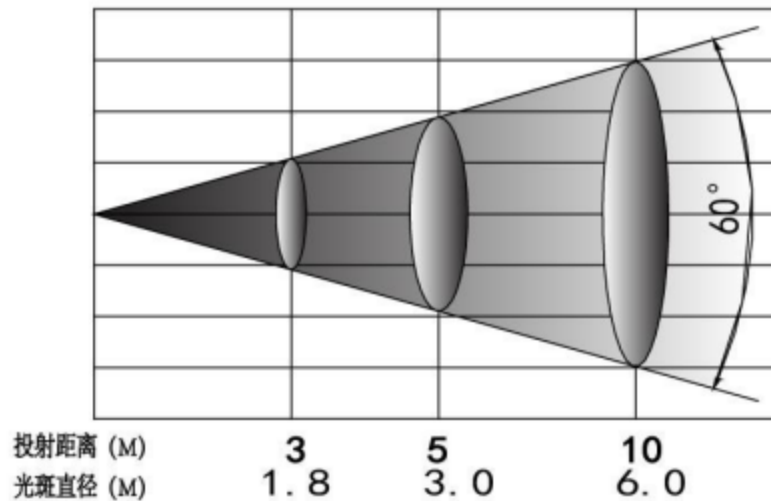
Voltage(V)	Current (A)	Power (W)	Power factor (PF)	Frequency (HZ)
240 .0	3 .956	820	0 .969	50 .0
220 .3	4 .271	800	0 .968	50 .0
120 .6	7 .819	850	1 .000	60 .0

Levels

R	(Lux)	19392	10481	2555
G	(Lux)	43800	23640	5832
B	(Lux)	11059	3744	1345
W	(Lux)	63828	32064	8316
RGBW	(Lux)	118043	37526	13260



R	(Lux)	1914	634	164
G	(Lux)	4249	1366	311
B	(Lux)	935	311	78
W	(Lux)	5717	1886	400
RGBW	(Lux)	9005	3089	821



Address setting	001 - 512	
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	channel pattern	21CH /35CH/78CH/97CH
	running mode	DMX / voice / self
	Horizontal reversal	On / off
Lighting setting	Vertical reversal	On / off
	Fan control	Silent / low / medium / high speed
	The dimming curve	Linear / reverse finger curve / forward finger curve / S curve
	Quick light	On / off
	No DMX status	Clear-up / hold

	red	000 - 255
	Red fine tuning	000 - 255
manual control	green	
	Green fine-tuning	

primary menu

	temporal information	available machine time
		total time
		Boot number
Lighting information	Sensing detection	Horizontal sensing
		Vertical sensing
		Focal sensing
		Rotation sensing
	software release	Displays the version
		Motor version
		Tuning version
		netversion

	Password input	000 - 255
	level correction	000 - 255
	Vertical correction	000 - 255

Factory setting	Amplification correction	000 - 255
	Amplification rotation	000 - 255
	Red correction	000 - 255

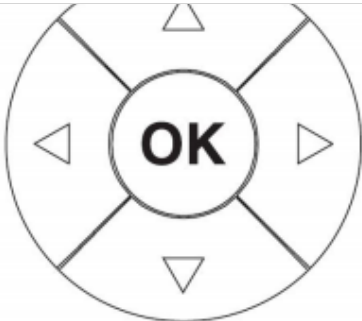




Lamps reset	XY axis reduction	Execute / cancel
	Effect reset	Execute / cancel
	Full reset	Execute / cancel
	Factory setting	Execute / cancel

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Display settings	Language setting	The Chinese / English language
	Displays the reversal	Normal / reversed
	Display mode	60s / bright

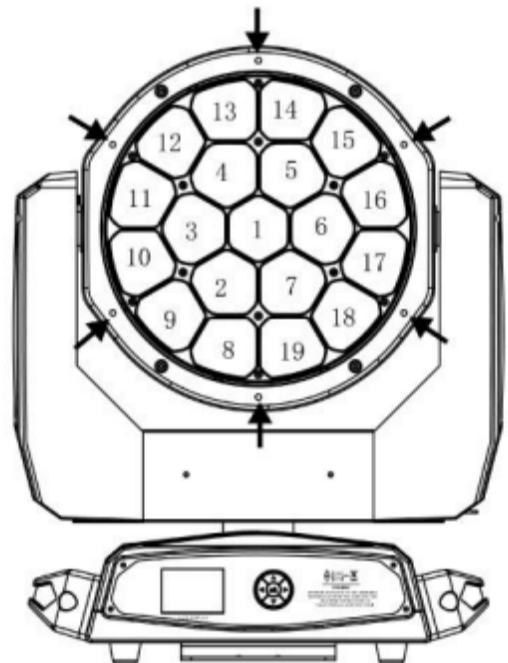
network settings	networking protocol	ArtNet / Sacn
	K1ingNet	On / off
	Network domain mouth	000 - 255
	IP address	000.000.000.000
	subnet mask	000.000.000.000

Operation description of the function buttons

	OK Confirm key
	 DOWN Next / reduced value
	 UP Previous / increased numerical value
	 LEFT Left key / menu
	 RIGHT Right click / fast rotate the screen 180 degrees

Order of the LED lamp beads

As shown on the right. Or select test mode in the Display board menu.



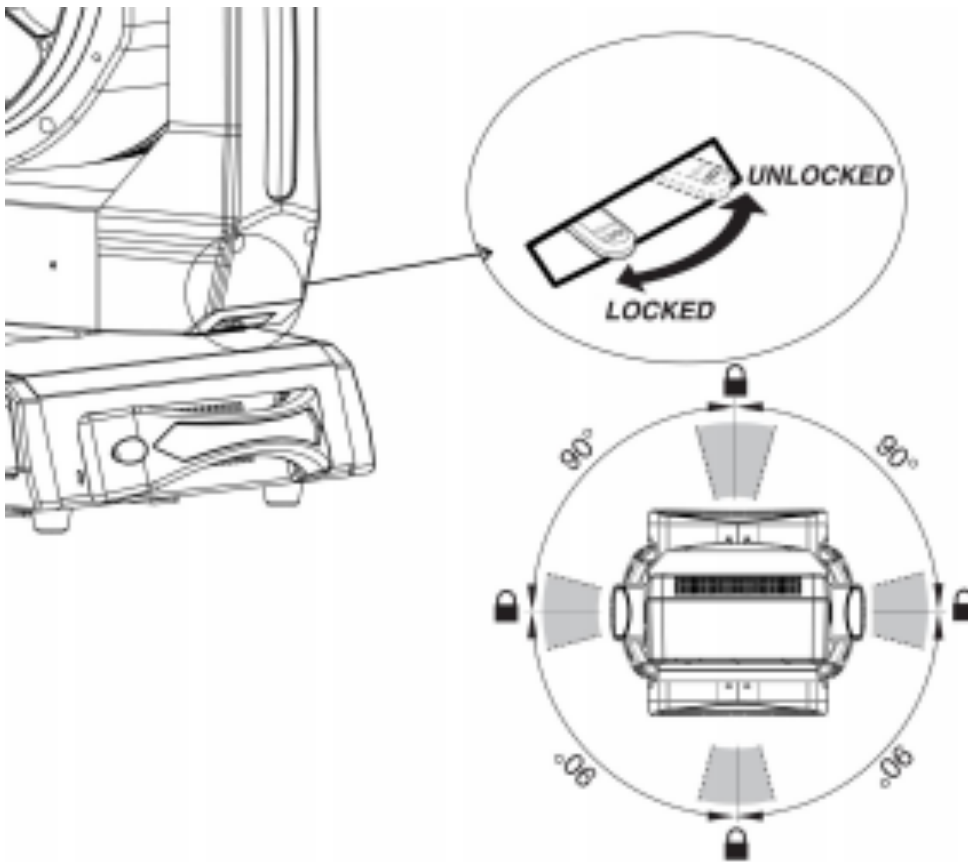
Automatic test, the light beads from the first to the 19th turn.

Pay attention to!

Always shrink the front lens when placing the lamp in the package

Back to the lamp. When manually retracting, hover the front mirror

Turn to the position shown in the arrow on the right picture to avoid damage lamps and lanterns.



The X-axis fast lock forward (LOCKED) is locked and backward (UNLOCKED) is open.

1940W large bee eye channels table

CH	STANDARD 标准模式	CH	SHAPE 内置形状模式	CH	EXTENDED 拓展模式	CH	EXTENDED RGBW 拓展RGBW模式
1	Red红色	1	Red红色	1	Red红色	1	Red红色
2	Red fine红色微调	2	Red fine红色微调	2	Red fine红色微调	2	Red fine红色微调
3	Green绿色	3	Green绿色	3	Green绿色	3	Green绿色
4	Green fine绿色微调	4	Green fine绿色微调	4	Green fine绿色微调	4	Green fine绿色微调
5	Blue蓝色	5	Blue蓝色	5	Blue蓝色	5	Blue蓝色
6	Blue fine蓝色微调	6	Blue fine蓝色微调	6	Blue fine蓝色微调	6	Blue fine蓝色微调
7	White白色	7	White白色	7	White白色	7	White白色
8	White fine白色微调	8	White fine白色微调	8	White fine白色微调	8	White fine白色微调
9	Linear CTO色温控制	9	Linear CTO色温控制	9	Linear CTO色温控制	9	Linear CTO色温控制
10	Marco color颜色宏	10	Marco color颜色宏	10	Marco color颜色宏	10	Marco color颜色宏
11	Strobe频闪	11	Strobe频闪	11	Strobe频闪	11	Strobe频闪
12	Dimmer调光	12	Dimmer调光	12	Dimmer调光	12	Dimmer调光
13	Dimmer fine调光微调	13	Dimmer fine调光微调	13	Dimmer fine调光微调	13	Dimmer fine调光微调
14	Pan水平	14	Pan水平	14	Pan水平	14	Pan水平
15	Pan fine水平微调	15	Pan fine水平微调	15	Pan fine水平微调	15	Pan fine水平微调
16	Tilt垂直	16	Tilt垂直	16	Tilt垂直	16	Tilt垂直
17	Tilt fine垂直微调	17	Tilt fine垂直微调	17	Tilt fine垂直微调	17	Tilt fine垂直微调
18	Function功能	18	Function功能	18	Function功能	18	Function功能
19	Reset复位	19	Reset复位	19	Reset复位	19	Reset复位
20	Zoom变焦	20	Zoom变焦	20	Zoom变焦	20	Zoom变焦
21	Zoom Rotation 旋转	21	Zoom Rotation 旋转	21	Zoom Rotation 旋转	21	Zoom Rotation 旋转
		22	Shape selection 前层选择	22	Red Led 1 红色1	22	Red Led 1 红色1
		23	Shape speed 前层速度	23	Green Led 1 绿色1	23	Green Led 1 绿色1
		24	Shape fade 前层淡化	24	Blue Led 1 蓝色1	24	Blue Led 1 蓝色1
		25	Shape R 前层红色	...	Red Led...红色...	25	White Led 1 白色1
		26	Shape G 前层绿色	...	Green Led...绿色...	26	Red Led 2 红色2
		27	Shape B 前层蓝色	...	Blue Led...蓝色...	27	Green Led2 绿色2
		28	Shape W 前层白色	76	Red Led19 红色19	28	Blue Led2 蓝色2
		29	Shape dimmer 前层调光	77	Green Led19 绿色19	29	White Led2 白色2
		30	Background dimmer后层调光	78	Blue Led19 蓝色19	...	Red Led...红色...
		31	Shape transitionin 前层淡化			...	Green Led...绿色...
		32	Shape offset 前层密度			...	Blue Led...蓝色...
		33	Foreground strobe前层频闪			...	White Led...白色...
		34	Background strobe后层频闪			94	Red Led19 红色19
		35	Background select后层选择			95	Green Led19 绿色19
						96	Blue Led19 蓝色19
						97	White Led19 白色19

Shape Built-in shape pattern description

The front layer follows the rear layer

In the built-in shape mode channel, 22 CH front layer graphics selection and 35 CH back layer graphics selection, a total of 61 kinds of graphics, users can according to different graphics, with 23 / 24 / 31 / 31 / 32 effect channel and the front mirror rotation, can combine rich and colorful, incomparable animation effect.

for instance:

The LED beads has three circles (the first one is the middle one, the second one is six, and the third one is the 12 outermost one).

Suppose we choose the graphic effect of the third circle of 22 CH, then the third circle belongs to the "front layer", and the selected first and second circle belongs to the "back layer".

Shape Built-in shape exclusive channel description:

Shape select	There are 54 Shape optional, each Shape can form a single static or multi-frame dynamic picture
Shape velocity	Control of the Shape, the dynamic speed of the
Shape desalination	Control the desalination effect of multiple images in Shape
Shape Red / Green / Blue / white	Control Shape, color of the effect, Shape is not shown if all RGBW all values are 0
Shape aiming	Control the Shape, the dimming of the mode
The rear layer dimming	Control the dimming of the rear layer mode and control the color in the regular RGBW channel
Shape Downplay the time	The dilution time of the two Shapes is controlled by the DMX
Shape density	Control of the density or angle of the Shape
Shape stroboflash	Control the frequency strobe of the front layer Shape
The rear layer flashes	Control the strobe of the rear layer
Back layer selection	Select 6 kinds of Shape, select the back layer of the screen.(Ring 1, circle 2 combination or full light)

Shape Built-in shape front layer opening step play:

- 1 . Open total dimming and total strobe (ch11 and ch12)
- 2 . Open the front layer dimmer front layer strobe (ch29 with ch33)
- 3 . Select the front layer color shape RGBW (ch25 to ch28)
- 4 . Select a Drawing (ch22)
- 5 . Adjust the figure effects (ch23,24,31,32)

Opening steps for the back-layerdrawing:

- 1 . Open total dimming and total strobe (channel11 and channel 12)
- 2 . Open rear dimming and rear strobe (channel 30 and 34)
- 3 . Open rear layer color RGBW (channel 1,3,5,7)
- 4 . Select a Drawing (channel 35)

Shape Detailed explanation of the front layer selection

numeric value	shape position	shape name description	remarks
0-7	0	Function is closed	
8	1	inner ring	
9	2	center washer	
10	3	housing washer	
11	4		No function (L20 reserved)
12	5	Inner circle + middle circle	
13	6	Inner circle + outer circle	
14	7		No function (L20 reserved)
15	8	Inner-middle-outer single loop switch	Random color is activated at anterior layer Shape RGBW=0
16	9	Inside + middle + outer full circle switch	Random color is activated at anterior layer Shape RGBW=0
17	10	Inside-center-outside single loop switch, open and close the switch	Random color is activated at anterior layer Shape RGBW=0
18	11	Inside + middle + outer full circle switch, open and close the switch	Random color is activated at anterior layer Shape RGBW=0
19	12	Single random	Random color is activated at anterior layer Shape RGBW=0
20	13	Double random	Random color is activated at anterior layer Shape RGBW=0

21	14	Rainbow 1 (adjustable)	
22	15	Rainbow 2 (dynamic speed is not adjustable + color change speed is adjustable)	
23	16	fan-shaped	
24	17	Stick shape 1	
25	18	semilune	
26	19	Large triangular water	
27	20	Split shape 1	
28	21	Arc 1	
29	22	Arc 2	
30	23	Bar shape 2 (size change)	
31	24	Random explosion shape	Random color is activated at anterior layer Shape RGBW=0
32	25	Split shape 2	
33	26		No function (L20 reserved)
34	27		No function (L20 reserved)
35	28	Small triangle switch	
36	29	Oblique shape with 6 pieces	
37	30	Object shape of 4	
38	31	Stick shape left and right switch	
39	32	The bar switches up and down	
40	33	Bar shape 3 (spiral switch)	
41	34		No function (L20 reserved)
42	35	Arc left and right switch	
43	36		No function (L20 reserved)
44	37	The arc switches up and down	
45	38	Mirror shape	
46	39	Pixel animation of 1	

numeric value	Shape position	Shape Name description	remarks
47	40	Pixel animation of 2	
48	41	Pixel animation of 3	
49	42	Pixel animation of 4	
50	43	Pixel animation of 5	
51	44	Half arc	
52	45	The concave and convex arc	
53	46	Pixel animation of 6	
54	47	Vertical double switch	
55	48	Double piecewise jump	
56	49	Outer circle double + middle circle single cut-off	
57	50	The concave convex shape 1	
58	51	The concave and convex shape 2	
59	52	The concave convex shape 3	
60	53	Single vertical jump	
61	54	Vertical random jump	
62	55	Horizontal random jump	Random color is activated at anterior layer Shape RGBW=0
63	56	The outer circle jumps randomly	Random color is activated at anterior layer Shape RGBW=0
64	57		No function (L20 reserved)
65	58	Outer circle + middle circle is random	
66	59		
67	60	Single switch in the middle circle	
68	61	External circle single switch	
69	62		No function (L20 reserved)
70	63	Single helix switching in the outer, middle and inner circles	
71-255	64	obligate	