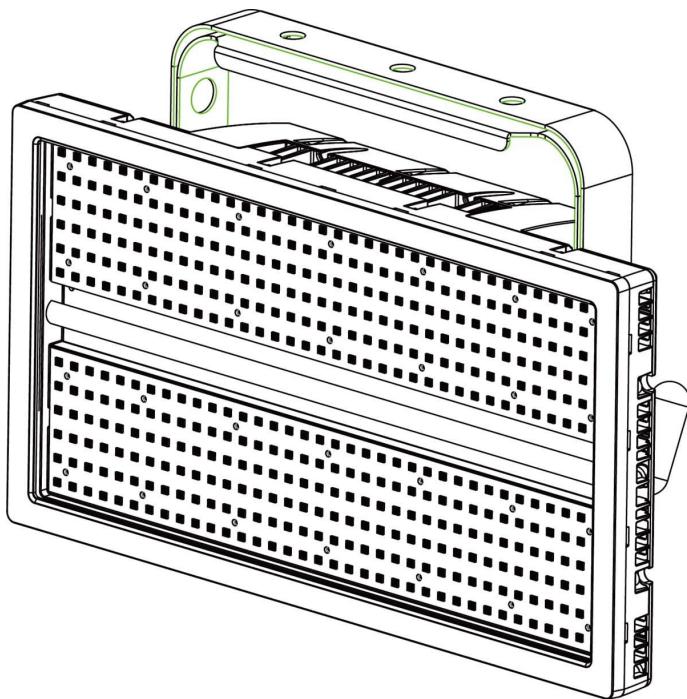


S800

IP65 400W Static Strobe Light



User Manual

Please read carefully before use

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Thank you for choosing our LED lights. Each facility has been rigorously tested. Please check whether the facility has been damaged during transportation. If you find any parts are missing or broken, please contact the manufacturer immediately. Please do not return the product without any notice!

1. Safety Instructions



Please read this manual carefully, which includes important information on installation, use and maintenance.

Attention

- Please keep this USER MANUAL for future consultation. If you sell the facility to another user, be sure that they also receive this USER MANUAL.
- Please open and check in details and make sure there is no transportation damage.
- Before operating, ensure that the voltage and frequency of power supply match the power requirements of the facility.
- It's important to ground the yellow/green conductor to earth in order to avoid electric shock.
- The facility must be installed in a location with adequate ventilation, at least 50 cm from adjacent surfaces. Be sure that no ventilation slots are blocked.
- Make sure the power is disconnected before removing the facility.
- Make sure there are no flammable materials close to the unit while operating as it is fire hazard.
- Use safety cable when fixes this facility. Do not handle the facility by taking its head only, but always by taking its base.
- Maximum ambient temperature is 40 °C. Do not operate it where the temperature is higher than this.
- Please stop using the facility for serious operating problems. Stop using the facility immediately. Never try to repair the facility by yourself, but be a professional technician. Please contact the supplier's service department

for technical support.

- Do not touch any wire during operation as high voltage might be causing electric shock.
- When the housing or lens is damaged, it must be replaced.

Caution

There are no accessories available, do not open the housing and try to repair the facilities yourself. Please contact our company for after service.

Installation

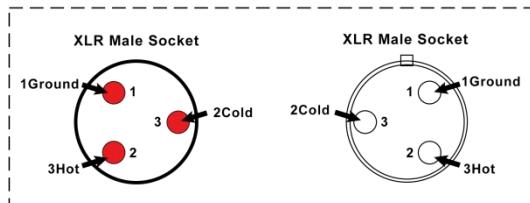
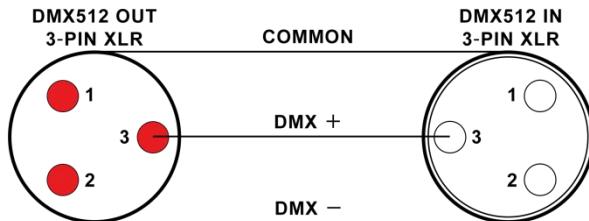
The unit should be mounted via its screw holes on the bracket. Always ensure that the unit is firmly fixed to avoid vibration and slipping while operating. And make sure that the structure to which you are attaching the unit is secure and is able to support a weight of 10 times of the unit's weight. Also always use a safety cable that can hold 12 times of the weight of the unit when installing the fixture.

The facility must be installed by professionals, and keep it far away from fire, walking road, and easy touched place.

2. Technical Specification

Light Source	Middle 36 pcs 5W Cold White; Both Side 432 pcs 3838 1W RGBW;
LED Lifetime	≥ 50000H
Power Voltage	100-240VAC 50/60Hz
Power Consumption	400W±5%; PF≥0.95; Standby Power: 3W;
Beam Angle	Middle CW: 45°; Both Sides RGBW: 120°
Control Protocol	DMX/ RDM
Control Modes	DMX512/ Auto/ Sound/ Manual/ RDM
Electrical Control Technology	Menu or console control for fixture reset; 0–100% dimming; constant current driving mode; temperature sensor detection, intelligent power adjustment; fixture information inquiry; intelligent fan speed control.
Channels	7/24/27/25/34/17/22/37/55/61 ten master control modes; seven channel modes in total
Protection Rating	IP65
Display	1.8" TFT reversible Display, EN/ CN, The font can be displayed rotated 180°.
Data In/Out Socket	3-pin XLR sockets(5-pin optional)
Power Socket	Power-Con in/ out
Work Temperature	-10°C ~ 45°C
MAX. Connection	2.5mm ² power cable: 8 units (230V), 4 units (120V)
Dimension	415*269*114mm
Net Weight	6.3kg
Carton Package	515*365*435mm; 2 in 1; G.W.:16.6kg
Flight Case	1012*525*477mm; 8 in 1; G.W.:81.4kg
Features	Full-spectrum dimming with 16-bit precision; rapid strobe from 1 to 25Hz; Both-side of 432 x 1W LEDs divided into 12 segments, middle of 36 LEDs divided into 6 segments; multiple preset color macro functions; multiple preset effect macro functions (color wash, segment control, strobe).
Configuration	Signal cable 1pc
	Power cable 1pc
	Manual 1pc

3. DMX Set Up



XLR Pin Configuration

pin 1=Ground

pin 2=Data Compliment (negative)

pin 3=Data true (positive)

Pin1: Ground

pin2: Negative

pin3: Positive

DMX Connection

To ensure optimal transmission of DMX data, please connect facilities in the shortest way. The connection order won't affect the DMX address code. For example, if the address code is set to 1, no matter where the facility is connected, its address code will not change. This is determined by the principle of the DMX controller.

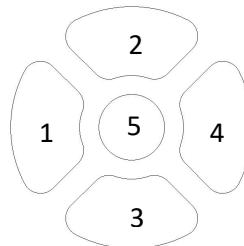
Operation method

You can operate in the following three modes:

- Auto mode - the light can automatically complete all color changes
- DMX control mode - each light can be individually controlled by a standard DMX512 console
- Master mode - any light can work as a host in any of the above modes, and the other lights will work synchronously as slaves

4. Display

Display



1 Previous-MENU

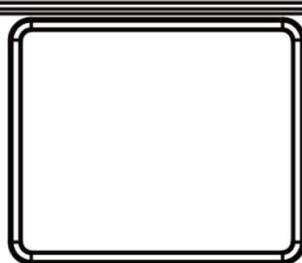
2 UP

3 DOWN

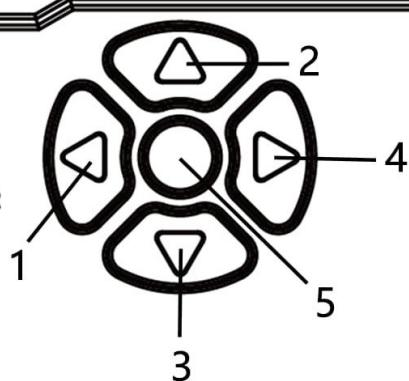
4 Lower-MENU

5 ENTER

Please press the "MENU" to exit or return to the previous menu, press "UP" or "DOWN" to select the upper and lower menus or adjust the values, and press "ENTER" to confirm.



↶ ESC
△ UP
▽ DOWN
↶ ENTER
✓ SAVE



After powering on, the facility will automatically return to the last operation when it was powered off, then get into standby status. For more details, please refer to the information below↓

5. Menu

Menu	1.Mic Sense	001--100	Mic sense adjust
	2.Language	1.English	Language
		2.Chinese	
	3.No Signal	1.BlackOut 2.Hold	
	4.Fan Set	1.Auto	
		2.Low	
		3.High	
	5.Dimmer Mode	1.Mode 1	Dimmer Mode
		2.Mode 2	
		3.Mode 3	
		4.Mode 4	
		5.Mode 5	
	6.Gamma Curve	1.Gamma2.0	Dimmer Curve
		2.Gamma2.2	
		3.Gamma2.4	
		4.Gamma2.6	
	7.Reset	1.Yes	Reset
		2.No	
	8.Default	1.Yes	Factory Reset
		2.No	
	9.Adjust	Password: ****	1.Red:0--255
			2.Green: 0--255
			3.Blue: 0--255
			4.White: 0--255
			5.CW: 0--255
Addr	001--512		Address setting 001--512
Rever	1.Display	1.YES 2.NO	
	2.Pixel	1.YES 2.NO	

Inform	1.CH Value			Channels info	
	2.Tem**°C			LED board temperature	
	3.Version			Software version	
	4.Use time			Displays the usage time	
	5.Clear time	000-255		Select 050 and then press the ENTER button to reset the time.	
Mode	1.DMX512			Control Mode setting	
	2.Auto	1.Master	2.Alone		
	3.Sound	1.Master	2.Alone		
	4.Manual	1.Master 2.Alone	1.Red:0--255	Manual Control	
			2.Green: 0--255		
			3.Blue: 0--255		
			4.White: 0--255		
			5.Strobe1: 0--255		
			6.Led Auto1: 0--255		
			7.Led1 Auto Speed: 0--255		
			8.CW: 0--255		
			9.Strobe2: 0--255		
			10.CW Auto: 0--255		
			11.CW Auto speed: 0--255		
Chann el	1.7Channels			Channel Mode setting	
	2.18Channels				
	3.24Channels				
	4.27Channels				
	5.A25Channels				
	6. A34Channels				
	7. A17Channels				

	8. A22Channels			
	9. A37Channels			
	10. A55Channels			
	11. A61Channels			

6. LUX Data

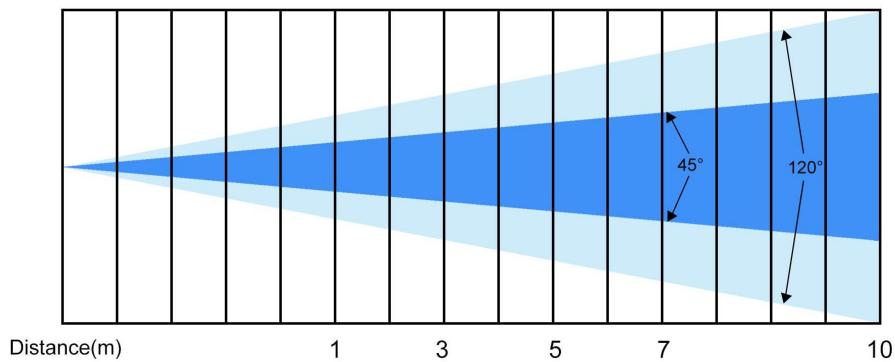
Middle LED:(36*5W) 45°

CW lux	10150	1127.8	406	207.1	101.5
--------	-------	--------	-----	-------	-------

Both sides LED:(432*1W) 120°

R lux	540	60	21.6	11	5.4
G lux	1095	121.7	43.8	22.4	11
B lux	170	18.9	6.8	3.5	1.7
W lux	1392.5	154.7	55.7	28.4	13.9
4in1 lux	3075	341.7	123	62.8	30.8

FULL	12875	1430.6	515	262.8	128.8
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7. DMX Channel List

►7CH Mode

CH	Function		DMX Value	Description
1	Dimmer		0--255	From dark to bright
2	Strobe		0--3	Strobe dimming
			4--203	Synchronous strobe speed from slow to fast (1Hz-25Hz)
			204--255	Random strobe
3	Middle 10W	W dimming	0--255	From dark to bright
4	Both Side	R dimming	0--255	From dark to bright
5		G dimming	0--255	From dark to bright
6		B dimming	0--255	From dark to bright
7		W dimming	0--255	From dark to bright

►18CH Mode

CH	Function		DMX Value	Description	
1	Dimmer		0--255	From dark to bright	
2	Dimmer adjust		0--255	Dimmer adjustment control	
3	Strobe		0--3	Strobe dimming	
			4--203	Synchronous strobe speed from slow to fast (1Hz-25Hz)	
			204--255	Random strobe	
4	Middle 10W	W dimming	0--255	From dark to bright	
5		Pattern	0--9	No function	
			10--14	Dynamic pattern 1	
			15--19	Dynamic pattern 2	
			..... (5 numbers 1 Pattern)	.....
			55--59	Dynamic pattern 10	
			60--255	Save	

6	Both Side	Pattern translation (With 5CH)	0--255	Pattern translation
7	Dynamic pattern speed (With 5CH)	0--9	No function	
		10--132	Go forward from fast to slow	
		133--255	Go backward from slow to fast	
8	Pattern fade	0--9	No function	
		10--132	Slow Light to Slow Dark	
		133--255	Sudden Light to Slow Dark	
9		R dimming	0--255	From dark to bright
10		G dimming	0--255	From dark to bright
11		B dimming	0--255	From dark to bright
12		W dimming	0--255	From dark to bright
13	Macro color	0--9	No function	
		10--19	Macro color 1	
		20--29	Macro color 2	
		..... (10 numbers 1 macro color)	.....
		240--249	Macro color 24	
		250--255	Macro color 25	
14	Pattern	0--9	No function	
		10--12	Dynamic pattern 1	
		13--15	Dynamic pattern 2	
		..... (3 numbers 1 Pattern)	.....
		142--144	Dynamic pattern 45	
		145--255	Reserved	
15	Pattern translation (With 14CH)	0--255	Pattern translation	
16	Dynamic	0--9	No function	

		pattern speed (With 14CH)	10--132	Go forward from fast to slow
17			133--255	Go backward from slow to fast
	Pattern fade	0--255	Slow Light to Slow Dark	
18	Function Channels	To activate the following functions, hold the DMX value for at least 3s		
		0-29	Reserved	
		30-39	Dimmer Curve Gamma2.0	
		40-49	Dimmer Curve Gamma2.2	
		50-59	Dimmer Curve Gamma2.4	
		60-69	Dimmer Curve Gamma2.6	
		70-89	Reserved	
		90-99	Dimmer Mode 1	
		100-109	Dimmer Mode 2	
		110-119	Dimmer Mode 3	
		120-129	Dimmer Mode 4	
		130-139	Dimmer Mode 5	
		140-159	Reserved	
		160-169	Pixel Inversion: No	
		170-179	Pixel Inversion: Yes	
		180-189	Reserved	
		190-194	Fan Auto	
		195-199	Fan Low Speed	
		200-204	Fan High Speed	
		205-255	Reserved	

►C24H Mode

CH	Function		DMX Value	Description
1	Middle 10W	Dimmer	0-255	From dark to bright
2		Dimmer Adjust	0-255	Dimmer adjustment control
3		Strobe	0--3	Strobe dimming

			4--203	Synchronous strobe speed from slow to fast (1Hz-25Hz)
			204--255	Random strobe
4		W dimming	0--255	W dimming
5		W dimming Adjust	0--255	W dimming Adjust
6		Pattern	0--9	No function
			10--14	Dynamic pattern 1
			15--19	Dynamic pattern 2
			..... (5 numbers 1 Pattern)	.....
			55--59	Dynamic pattern 10
			60--255	Save
7		Pattern translation (With 6CH)	0--255	Pattern translation
8		Dynamic pattern speed (With 6CH)	0--9	No function
			10--132	Go forward from fast to slow
			133--255	Go backward from slow to fast
9	Both Side	Dimmer	0--255	From dark to bright
10		Dimmer Adjust	0--255	Dimmer adjustment control
11		Strobe	0--3	Strobe dimming
			4--203	Synchronous strobe speed from slow to fast (1Hz-25Hz)
			204--255	Random strobe
12		R dimming	0--255	R dimming
13		R dimming Adjust	0--255	R dimming Adjust
14		G dimming	0--255	G dimming
15		G dimming Adjust	0--255	G dimming Adjust
16		B dimming	0--255	B dimming
17		B dimming Adjust	0--255	B dimming Adjust
18		W dimming	0--255	W dimming

19	W dimming Adjust	W dimming Adjust	0--255	W dimming Adjust	
20		0--9	No function		
		10--19	Macro color 1		
		20--29	Macro color 2		
		..... (10 numbers 1 macro color)	.....	.....
		240--249	Macro color 24		
		250--255	Macro color 25		
21	Pattern	0--9	No function		
		10--12	Dynamic pattern 1		
		13--15	Dynamic pattern 2		
		..... (3 numbers 1 Pattern)	.....	.....
		142--144	Dynamic pattern 45		
		145--255	Reserved		
22	Pattern translation (With 14CH)	0--255		Pattern translation	
23	Dynamic pattern speed (With 14CH)	0--9	No function		
		10--132	Go forward from fast to slow		
		133--255	Go backward from slow to fast		
24	Function Channels	To activate the following functions, hold the DMX value for at least 3s			
		0-29	Reserved		
		30-39	Dimmer Curve Gamma2.0		
		40-49	Dimmer Curve Gamma2.2		
		50-59	Dimmer Curve Gamma2.4		
		60-69	Dimmer Curve Gamma2.6		
		70-89	Reserved		
		90-99	Dimmer Mode 1		

100-109	Dimmer Mode 2
110-119	Dimmer Mode 3
120-129	Dimmer Mode 4
130-139	Dimmer Mode 5
140-159	Reserved
160-169	Pixel Inversion: No
170-179	Pixel Inversion: Yes
180-189	Reserved
190-194	Fan Auto
195-199	Fan Low Speed
200-204	Fan High Speed
205-255	Reserved

►27CH Mode

CH	Function	DMX Value	Description
1	Middle 10W	Dimmer	0-255 From dark to bright
2		Dimmer Adjust	0-255 Dimmer adjustment control
3		Strobe	0-3 Strobe dimming
4			4-203 Synchronous strobe speed from slow to fast (1Hz-25Hz)
5			204--255 Random strobe
4		W dimming	0-255 W dimming
5		Pattern	0-9 No function
6			10-14 Dynamic pattern 1
7			15-19 Dynamic pattern 2
8			..... (5 numbers 1 Pattern)
9			55-59 Dynamic pattern 10
10			60--255 Save
11		Pattern translation	0-255 Pattern translation

		(With 5CH)			
7		Dynamic pattern speed (With 5CH)	0--9	No function	
			10--132	Go forward from fast to slow	
			133--255	Go backward from slow to fast	
8		Pattern fade	0--9	No function	
			10--132	Slow Light to Slow Dark	
			133--255	Sudden Light to Slow Dark	
9	Both Side	Dimmer	0--255	From dark to bright	
10		Dimmer Adjust	0--255	Dimmer adjustment control	
11		Strobe	0--3	Strobe dimming	
			4--203	Synchronous strobe speed from slow to fast (1Hz-25Hz)	
			204--255	Random strobe	
12		R dimming	0--255	R dimming	
13		G dimming	0--255	G dimming	
14		B dimming	0--255	B dimming	
15		W dimming	0--255	W dimming	
16		Macro color	0--9	No function	
			10--19	Macro color 1	
			20--29	Macro color 2	
			..... (10 numbers 1 macro color)	.....
			240--249	Macro color 24	
			250--255	Macro color 25	
			0--9	No function	
17		Pattern	10--12	Dynamic pattern 1	
			13--15	Dynamic pattern 2	
			..... (3 numbers 1 Pattern)	.....
			142--144	Dynamic pattern 45	

			145--255	Reserved
18		Pattern translation (With 14CH)	0--255	Pattern translation
19		Dynamic pattern speed (With 14CH)	0--9	No function
			10--132	Go forward from fast to slow
			133--255	Go backward from slow to fast
20		Pattern fade	0--9	No function
			10--132	Slow Light to Slow Dark
			133--255	Sudden Light to Slow Dark
21		Background Dimmer	0--255	Background 0-100% Dimmer
22		Background Strobe	0--255	Background Strobe
23		Pattern Background Color R	0--255	Pattern Background Color R
24		Pattern Background Color G	0--255	Pattern Background Color G
25		Pattern Background Color B	0--255	Pattern Background Color B
26		Pattern Background Color W	0--255	Pattern Background Color W
27	Function Channels	To activate the following functions, hold the DMX value for at least 3s		
		0-29	Reserved	
		30-39	Dimmer Curve Gamma2.0	
		40-49	Dimmer Curve Gamma2.2	
		50-59	Dimmer Curve Gamma2.4	
		60-69	Dimmer Curve Gamma2.6	
		70-89	Reserved	
		90-99	Dimmer Mode 1	
		100-109	Dimmer Mode 2	

110-119	Dimmer Mode 3
120-129	Dimmer Mode 4
130-139	Dimmer Mode 5
140-159	Reserved
160-169	Pixel Inversion: No
170-179	Pixel Inversion: Yes
180-189	Reserved
190-194	Fan Auto
195-199	Fan Low Speed
200-204	Fan High Speed
205-255	Reserved

► 25CH Pixel Definition

S1	S2
M1	M2
S3	S4

► 25CH Mode

CH	Function	DMX Value	Description
1	Function Channels	0-29	To activate the following functions, hold the DMX value for at least 3s
		30-39	Reserved
		40-49	Dimmer Curve Gamma2.0
		50-59	Dimmer Curve Gamma2.2
		60-69	Dimmer Curve Gamma2.4
		70-89	Dimmer Curve Gamma2.6
		90-99	Reserved
		100-109	Dimmer Mode 1
		110-119	Dimmer Mode 2
			Dimmer Mode 3

			120-129	Dimmer Mode 4
			130-139	Dimmer Mode 5
			140-159	Reserved
			160-169	Pixel Inversion: No
			170-179	Pixel Inversion: Yes
			180-189	Reserved
			190-194	Fan Auto
			195-199	Fan Low Speed
			200-204	Fan High Speed
			205-255	Reserved
2	Middle 10W	Dimmer	0--255	From dark to bright
3		Dimmer Adjust	0--255	Dimmer adjustment control
4		Strobe	0--3	Strobe dimming
			4--203	Synchronous strobe speed from slow to fast (1Hz-25Hz)
			204--255	Random strobe
5		W1 dimming	0--255	From dark to bright
6		W2 dimming	0--255	From dark to bright
7	Both Side	Dimmer	0--255	From dark to bright
8		Dimmer Adjust	0--255	From dark to bright
9		Strobe	0--3	Strobe dimming
			4--203	Synchronous strobe speed from slow to fast (1Hz-25Hz)
			204--255	Random strobe
10		R1 dimming	0--255	From dark to bright
11		G1 dimming	0--255	From dark to bright
12		B1 dimming	0--255	From dark to bright
13		W1 dimming	0--255	From dark to bright
14		R2 dimming	0--255	From dark to bright
15		G2 dimming	0--255	From dark to bright

16		B2 dimming	0--255	From dark to bright
17		W2 dimming	0--255	From dark to bright
18		R3 dimming	0--255	From dark to bright
19		G3 dimming	0--255	From dark to bright
20		B3 dimming	0--255	From dark to bright
21		W3 dimming	0--255	From dark to bright
22		R4 dimming	0--255	From dark to bright
23		G4 dimming	0--255	From dark to bright
24		B4 dimming	0--255	From dark to bright
25		W4 dimming	0--255	From dark to bright

►34CH Pixel Definition

S1	S2	S3
M1	M2	M3
S4	S5	S6

►34CH Mode

CH	Function	DMX Value	Description
1	Function Channels	To activate the following functions, hold the DMX value for at least 3s	
		0-29	Reserved
		30-39	Dimmer Curve Gamma2.0
		40-49	Dimmer Curve Gamma2.2
		50-59	Dimmer Curve Gamma2.4
		60-69	Dimmer Curve Gamma2.6
		70-89	Reserved
		90-99	Dimmer Mode 1
		100-109	Dimmer Mode 2
		110-119	Dimmer Mode 3
		120-129	Dimmer Mode 4

			130-139	Dimmer Mode 5	
			140-159	Reserved	
			160-169	Pixel Inversion: No	
			170-179	Pixel Inversion: Yes	
			180-189	Reserved	
			190-194	Fan Auto	
			195-199	Fan Low Speed	
			200-204	Fan High Speed	
			205-255	Reserved	
2	Middle 10W	Dimmer	0--255	From dark to bright	
3		Dimmer Adjust	0--255	From dark to bright	
4		Strobe	0--3	Strobe dimming	
			4--203	Synchronous strobe speed from slow to fast (1Hz-25Hz)	
			204--255	Random strobe	
5		W1 dimming	0--255	From dark to bright	
6		W2 dimming	0--255	From dark to bright	
7		W3 dimming	0--255	From dark to bright	
8	Both Side	Dimmer	0--255	From dark to bright	
9		Dimmer Adjust	0--255	From dark to bright	
10		Strobe	0--3	Strobe dimming	
			4--203	Synchronous strobe speed from slow to fast (1Hz-25Hz)	
			204--255	Random strobe	
11		R1 dimming	0--255	From dark to bright	
12		G1 dimming	0--255	From dark to bright	
13		B1 dimming	0--255	From dark to bright	
14		W1 dimming	0--255	From dark to bright	
15		R2 dimming	0--255	From dark to bright	
16		G2 dimming	0--255	From dark to bright	
17		B2 dimming	0--255	From dark to bright	
18		W2 dimming	0--255	From dark to bright	
19		R3 dimming	0--255	From dark to bright	
20		G3 dimming	0--255	From dark to bright	
21		B3 dimming	0--255	From dark to bright	

22		W3 dimming	0--255	From dark to bright
23		R4 dimming	0--255	From dark to bright
24		G4 dimming	0--255	From dark to bright
25		B4 dimming	0--255	From dark to bright
26		W4 dimming	0--255	From dark to bright
27		R5 dimming	0--255	From dark to bright
28		G5 dimming	0--255	From dark to bright
29		B5 dimming	0--255	From dark to bright
30		W5 dimming	0--255	From dark to bright
31		R6 dimming	0--255	From dark to bright
32		G6 dimming	0--255	From dark to bright
33		B6 dimming	0--255	From dark to bright
34		W6 dimming	0--255	From dark to bright

►17CH Pixel Definition

S1	S2
M1	M2
S1	S2

►17CH Mode

CH	Function	DMX Value	Description
1	Function Channels	To activate the following functions, hold the DMX value for at least 3s	
		0-29	Reserved
		30-39	Dimmer Curve Gamma2.0
		40-49	Dimmer Curve Gamma2.2
		50-59	Dimmer Curve Gamma2.4
		60-69	Dimmer Curve Gamma2.6
		70-89	Reserved
		90-99	Dimmer Mode 1
		100-109	Dimmer Mode 2

			110-119	Dimmer Mode 3	
			120-129	Dimmer Mode 4	
			130-139	Dimmer Mode 5	
			140-159	Reserved	
			160-169	Pixel Inversion: No	
			170-179	Pixel Inversion: Yes	
			180-189	Reserved	
			190-194	Fan Auto	
			195-199	Fan Low Speed	
			200-204	Fan High Speed	
			205-255	Reserved	
2	Middle 10W	Dimmer	0--255	From dark to bright	
3		Dimmer Adjust	0--255	From dark to bright	
4		Strobe	0--3	Strobe dimming	
			4--203	Synchronous strobe speed from slow to fast (1Hz-25Hz)	
			204--255	Random strobe	
5		W1 dimming	0--255	From dark to bright	
6		W2 dimming	0--255	From dark to bright	
7	Both Side	Dimmer	0--255	From dark to bright	
8		Dimmer Adjust	0--255	From dark to bright	
9		Strobe	0--3	Strobe dimming	
			4--203	Synchronous strobe speed from slow to fast (1Hz-25Hz)	
			204--255	Random strobe	
10		R1 dimming	0--255	From dark to bright	
11		G1 dimming	0--255	From dark to bright	
12		B1 dimming	0--255	From dark to bright	
13		W1 dimming	0--255	From dark to bright	
14		R2 dimming	0--255	From dark to bright	

15		G2 dimming	0--255	From dark to bright
16		B2 dimming	0--255	From dark to bright
17		W2 dimming	0--255	From dark to bright

►22CH Pixel Definition

S1	S2	S3
M1	M2	M3
S1	S2	S3

►22CH Mode

CH	Function	DMX Value	Description
1	Function Channels	0-29	To activate the following functions, hold the DMX value for at least 3s
		30-39	Reserved
		40-49	Dimmer Curve Gamma2.0
		50-59	Dimmer Curve Gamma2.2
		60-69	Dimmer Curve Gamma2.4
		70-89	Dimmer Curve Gamma2.6
		90-99	Reserved
		100-109	Dimmer Mode 1
		110-119	Dimmer Mode 2
		120-129	Dimmer Mode 3
		130-139	Dimmer Mode 4
		140-159	Dimmer Mode 5
		160-169	Reserved
		170-179	Pixel Inversion: No
		180-189	Pixel Inversion: Yes
		190-194	Reserved
		195-199	Fan Auto
		200-204	Fan Low Speed
			Fan High Speed

			205-255	Reserved	
2	Middle 10W	Dimmer	0--255	From dark to bright	
3		Dimmer Adjust	0--255	From dark to bright	
4		Strobe	0--3	Strobe dimming	
			4--203	Synchronous strobe speed from slow to fast (1Hz-25Hz)	
			204--255	Random strobe	
5		W1 dimming	0--255	From dark to bright	
6		W2 dimming	0--255	From dark to bright	
7		W3 dimming	0--255	From dark to bright	
8	Both Side	Dimmer	0--255	From dark to bright	
9		Dimmer Adjust	0--255	From dark to bright	
10		Strobe	0--3	Strobe dimming	
			4--203	Synchronous strobe speed from slow to fast (1Hz-25Hz)	
			204--255	Random strobe	
11		R1 dimming	0--255	From dark to bright	
12		G1 dimming	0--255	From dark to bright	
13		B1 dimming	0--255	From dark to bright	
14		W1 dimming	0--255	From dark to bright	
15		R2 dimming	0--255	From dark to bright	
16		G2 dimming	0--255	From dark to bright	
17		B2 dimming	0--255	From dark to bright	
18		W2 dimming	0--255	From dark to bright	
19		R3 dimming	0--255	From dark to bright	
20		G3 dimming	0--255	From dark to bright	
21		B3 dimming	0--255	From dark to bright	
22		W3 dimming	0--255	From dark to bright	

►37CH Pixel Definition

S1	S2	S3	S4	S5	S6
M1	M2	M3	M4	M5	M6
S1	S2	S3	S4	S5	S6

►37CH Mode

CH	Function	DMX Value	Description		
1	Function Channels	0-29	Reserved		
		30-39	Dimmer Curve Gamma2.0		
		40-49	Dimmer Curve Gamma2.2		
		50-59	Dimmer Curve Gamma2.4		
		60-69	Dimmer Curve Gamma2.6		
		70-89	Reserved		
		90-99	Dimmer Mode 1		
		100-109	Dimmer Mode 2		
		110-119	Dimmer Mode 3		
		120-129	Dimmer Mode 4		
		130-139	Dimmer Mode 5		
		140-159	Reserved		
		160-169	Pixel Inversion: No		
		170-179	Pixel Inversion: Yes		
		180-189	Reserved		
		190-194	Fan Auto		
		195-199	Fan Low Speed		
		200-204	Fan High Speed		
		205-255	Reserved		
2	Middle 10W	Dimmer	0--255	From dark to bright	
3		Dimmer Adjust	0--255	From dark to bright	
4		Strobe	0--3	Strobe dimming	
			4--203	Synchronous strobe speed from slow to fast (1Hz-25Hz)	
			204--255	Random strobe	

5	Both Side	W1 dimming	0--255	From dark to bright
6		W2 dimming	0--255	From dark to bright
7		W3 dimming	0--255	From dark to bright
8		W4 dimming	0--255	From dark to bright
9		W5 dimming	0--255	From dark to bright
10		W6 dimming	0--255	From dark to bright
11	Both Side	Dimmer	0--255	From dark to bright
12		Dimmer Adjust	0--255	From dark to bright
13		Strobe	0--3	Strobe dimming
14			4--203	Synchronous strobe speed from slow to fast (1Hz-25Hz)
15			204--255	Random strobe
16		R1 dimming	0--255	From dark to bright
17		G1 dimming	0--255	From dark to bright
18		B1 dimming	0--255	From dark to bright
19		W1 dimming	0--255	From dark to bright
20		R2 dimming	0--255	From dark to bright
21	Both Side	G2 dimming	0--255	From dark to bright
22		B2 dimming	0--255	From dark to bright
23		W2 dimming	0--255	From dark to bright
24		R3 dimming	0--255	From dark to bright
25		G3 dimming	0--255	From dark to bright
26		B3 dimming	0--255	From dark to bright
27		W3 dimming	0--255	From dark to bright
28		R4 dimming	0--255	From dark to bright
29		G4 dimming	0--255	From dark to bright
30		B4 dimming	0--255	From dark to bright
31		W4 dimming	0--255	From dark to bright
		R5 dimming	0--255	From dark to bright
		G5 dimming	0--255	From dark to bright

32		B5 dimming	0--255	From dark to bright
33		W5 dimming	0--255	From dark to bright
34		R6 dimming	0--255	From dark to bright
35		G6 dimming	0--255	From dark to bright
36		B6 dimming	0--255	From dark to bright
37		W6 dimming	0--255	From dark to bright

►55CH Pixel Definition

S1	S2	S3	S4	S5	S6
M1	M2	M3	M4	M5	M6
S6	S7	S9	S10	S11	S12

►55CH Mode

CH	Function	DMX Value	Description
1	Function Channels	To activate the following functions, hold the DMX value for at least 3s	
		0-29	Reserved
		30-39	Dimmer Curve Gamma2.0
		40-49	Dimmer Curve Gamma2.2
		50-59	Dimmer Curve Gamma2.4
		60-69	Dimmer Curve Gamma2.6
		70-89	Reserved
		90-99	Dimmer Mode 1
		100-109	Dimmer Mode 2
		110-119	Dimmer Mode 3
		120-129	Dimmer Mode 4
		130-139	Dimmer Mode 5
		140-159	Reserved
		160-169	Pixel Inversion: No
		170-179	Pixel Inversion: Yes

			180-189	Reserved
			190-194	Fan Auto
			195-199	Fan Low Speed
			200-204	Fan High Speed
			205-255	Reserved
2	Middle 10W	W1 dimming	0--255	From dark to bright
3		W2 dimming	0--255	From dark to bright
4		W3 dimming	0--255	From dark to bright
5		W4 dimming	0--255	From dark to bright
6		W5 dimming	0--255	From dark to bright
7		W6 dimming	0--255	From dark to bright
8	Both Side	R1 dimming	0--255	From dark to bright
9		G1 dimming	0--255	From dark to bright
10		B1 dimming	0--255	From dark to bright
11		W1 dimming	0--255	From dark to bright
12		R2 dimming	0--255	From dark to bright
13		G2 dimming	0--255	From dark to bright
14		B2 dimming	0--255	From dark to bright
15		W2 dimming	0--255	From dark to bright
16		R3 dimming	0--255	From dark to bright
17		G3 dimming	0--255	From dark to bright
18		B3 dimming	0--255	From dark to bright
19		W3 dimming	0--255	From dark to bright
20		R4 dimming	0--255	From dark to bright
21		G4 dimming	0--255	From dark to bright
22		B4 dimming	0--255	From dark to bright
23		W4 dimming	0--255	From dark to bright
24		R5 dimming	0--255	From dark to bright
25		G5 dimming	0--255	From dark to bright
26		B5 dimming	0--255	From dark to bright

27		W5 dimming	0--255	From dark to bright
28		R6 dimming	0--255	From dark to bright
29		G6 dimming	0--255	From dark to bright
30		B6 dimming	0--255	From dark to bright
31		W6 dimming	0--255	From dark to bright
32		R7 dimming	0--255	From dark to bright
33		G7 dimming	0--255	From dark to bright
34		B7 dimming	0--255	From dark to bright
35		W7 dimming	0--255	From dark to bright
36		R8 dimming	0--255	From dark to bright
37		G8 dimming	0--255	From dark to bright
38		B8 dimming	0--255	From dark to bright
39		W8 dimming	0--255	From dark to bright
40		R9 dimming	0--255	From dark to bright
41		G9 dimming	0--255	From dark to bright
42		B9 dimming	0--255	From dark to bright
43		W9 dimming	0--255	From dark to bright
44		R10 dimming	0--255	From dark to bright
45		G10 dimming	0--255	From dark to bright
46		B10 dimming	0--255	From dark to bright
47		W10 dimming	0--255	From dark to bright
48		R11 dimming	0--255	From dark to bright
49		G11 dimming	0--255	From dark to bright
50		B11 dimming	0--255	From dark to bright
51		W11 dimming	0--255	From dark to bright
52		R12 dimming	0--255	From dark to bright
53		G12 dimming	0--255	From dark to bright
54		B12 dimming	0--255	From dark to bright
55		W12 dimming	0--255	From dark to bright

►61CH Pixel Definition

S1	S2	S3	S4	S5	S6
M1	M2	M3	M4	M5	M6
S6	S7	S9	S10	S11	S12

►61CH Mode

CH	Function	DMX Value	Description
1	Function Channels	0-29	To activate the following functions, hold the DMX value for at least 3s
		30-39	Reserved
		40-49	Dimmer Curve Gamma2.0
		50-59	Dimmer Curve Gamma2.2
		60-69	Dimmer Curve Gamma2.4
		70-89	Dimmer Curve Gamma2.6
		90-99	Reserved
		100-109	Dimmer Mode 1
		110-119	Dimmer Mode 2
		120-129	Dimmer Mode 3
		130-139	Dimmer Mode 4
		140-159	Dimmer Mode 5
		160-169	Reserved
		170-179	Pixel Inversion: No
		180-189	Pixel Inversion: Yes
		190-194	Reserved
		195-199	Fan Auto
		200-204	Fan Low Speed
		205-255	Fan High Speed
2	Middle	0--255	From dark to bright

3	10W	Dimmer Adjust	0--255	From dark to bright
4		Strobe	0--3	Strobe dimming
			4--203	Synchronous strobe speed from slow to fast (1Hz-25Hz)
			204--255	Random strobe
5		W1 dimming	0--255	From dark to bright
6		W2 dimming	0--255	From dark to bright
7		W3 dimming	0--255	From dark to bright
8		W4 dimming	0--255	From dark to bright
9		W5 dimming	0--255	From dark to bright
10		W6 dimming	0--255	From dark to bright
11	Both Side	Dimmer	0--255	From dark to bright
12		Dimmer Adjust	0--255	From dark to bright
13		Strobe	0--3	Strobe dimming
			4--203	Synchronous strobe speed from slow to fast (1Hz-25Hz)
			204--255	Random strobe
14		R1 dimming	0--255	From dark to bright
15		G1 dimming	0--255	From dark to bright
16		B1 dimming	0--255	From dark to bright
17		W1 dimming	0--255	From dark to bright
18		R2 dimming	0--255	From dark to bright
19		G2 dimming	0--255	From dark to bright
20		B2 dimming	0--255	From dark to bright
21		W2 dimming	0--255	From dark to bright
22		R3 dimming	0--255	From dark to bright
23		G3 dimming	0--255	From dark to bright
24		B3 dimming	0--255	From dark to bright
25		W3 dimming	0--255	From dark to bright
26		R4 dimming	0--255	From dark to bright

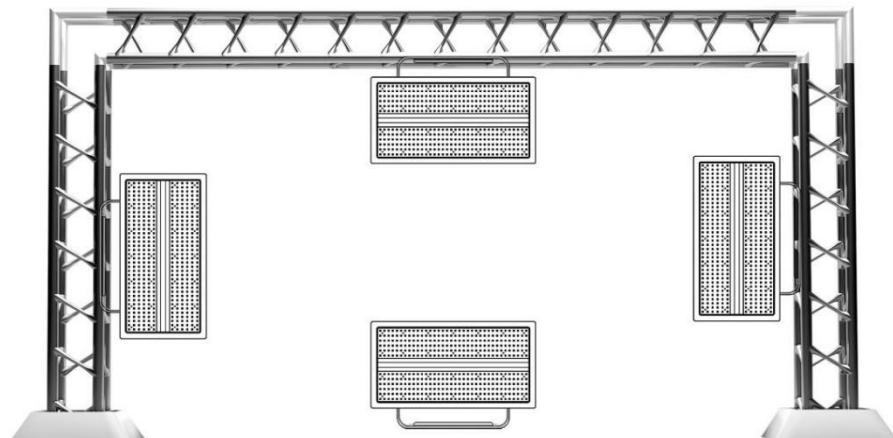
27		G4 dimming	0--255	From dark to bright
28		B4 dimming	0--255	From dark to bright
29		W4 dimming	0--255	From dark to bright
30		R5 dimming	0--255	From dark to bright
31		G5 dimming	0--255	From dark to bright
32		B5 dimming	0--255	From dark to bright
33		W5 dimming	0--255	From dark to bright
34		R6 dimming	0--255	From dark to bright
35		G6 dimming	0--255	From dark to bright
36		B6 dimming	0--255	From dark to bright
37		W6 dimming	0--255	From dark to bright
38		R7 dimming	0--255	From dark to bright
39		G7 dimming	0--255	From dark to bright
40		B7 dimming	0--255	From dark to bright
41		W7 dimming	0--255	From dark to bright
42		R8 dimming	0--255	From dark to bright
43		G8 dimming	0--255	From dark to bright
44		B8 dimming	0--255	From dark to bright
45		W8 dimming	0--255	From dark to bright
46		R9 dimming	0--255	From dark to bright
47		G9 dimming	0--255	From dark to bright
48		B9 dimming	0--255	From dark to bright
49		W9 dimming	0--255	From dark to bright
50		R10 dimming	0--255	From dark to bright
51		G10 dimming	0--255	From dark to bright
52		B10 dimming	0--255	From dark to bright
53		W10 dimming	0--255	From dark to bright
54		R11 dimming	0--255	From dark to bright
55		G11 dimming	0--255	From dark to bright
56		B11 dimming	0--255	From dark to bright

57		W11 dimming	0--255	From dark to bright
58		R12 dimming	0--255	From dark to bright
59		G12 dimming	0--255	From dark to bright
60		B12 dimming	0--255	From dark to bright
61		W12 dimming	0--255	From dark to bright

8. Mounting

When installing the unit, the trussing or area of installation must be able to hold 10 times the weight without any deformation. When installing the unit must be secured with a secondary safety attachment, e.g. an appropriate safety cable. Never stand directly under the facility while mounting, uninstalling or repairing facilities.

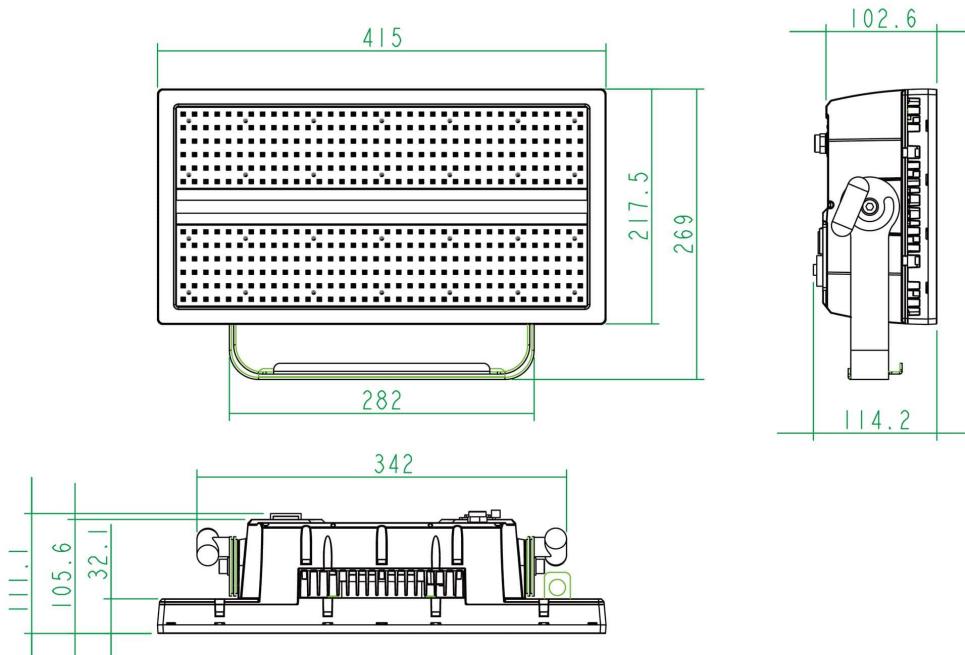
High-altitude mounting requires for extensive experience, including working load limits calculating , installation material, and periodic safety check of installation materials and facilities. If you're lack of mentioned qualifications, do not attempt the installation yourself. These installation should be checked by a skilled person annually.



S800 works properly in above different mounting, hanging upside-down from a ceiling, sideways on trussing, or set on smooth horizontal surface. Be sure this facility is at least 1m (3.5ft) away from flammable materials (decoration etc.). Always use and install the safety cable to prevent accidental damage or injury from the facility failure. Never use handles for secondary attachment.

NOTICE: The suitable environment temperature of the facility is from -10°C to 45°C. Do not place this facility in an environment where the temperatures are under or above the temperatures stated. This will help the fixture run at its best and extend the lifetime.

9. Product Size



10. Attention

1. When the facility is powered on, please avoid looking directly at the facility.
1. When assembling/ replacing LED, be sure to cut off the main power of facilities before opening the cover upon the LED board.

11. Trouble Shooting

Following are a few common problems that may occur during operation. Here are some suggestions for easy troubleshooting:

A. The unit does not work, no light and the fan does not work

1. Check the status of power connection and fuse.
2. Check the voltage.
3. Check the power indicator.

B. No response to DMX controller

1. If the display screen flashes, check the DMX signal connector and signal line whether the connection is correct.
 1. If the display screen does not flash, but no response to channel control, check whether the address code or channel setting is correct.
 1. If the DMX signal transmission is intermittent, check if the XLR and DMX cables are in good condition.
 2. Try using another controller.
 3. Check if the DMX cables is too close to the high-voltage wire, which may damage or interfere with the signal circuit.
6. The facility has not completed the self-check.

C. One of the channels is not working well

1. The stepper motor might be damaged or the cable connected to the PCB is broken.
2. The motor's drive IC on the PCB might be out of condition.

12. Fixture Cleaning

The lens and diffuser should be clean frequently to get better light effect. Wipe frequency according to the environment. Humidity, excessive smoke, and dirty environment will make lens dusty.

- Use soft cloth and special glass cleaner.
- Wipe lens surface at least every 30 days.
- Use vacuum cleaners or air guns to clean the interior structure of the facility, at least twice a year.



Warning:

To avoid the danger of lighting strikes and fire, please do not place the facility in a humid environment. Do not disassemble it without permission, otherwise, the manufacturer will not provide warranty. If the facility fails, please contact the manufacturer first.

Product Warranty Card

Product:: IP65 400W Static Strobe Light

Model NO.: S800

Manufacture Date:

User:

Purchase Date:

Manufacturer:

Sales Store:

Address:

ATTN.:

ATTN.:

Phone:

Phone:

Note: The above blank must be filled in and sealed by the end user or sales point, otherwise no warranty will be provided. (Below please check the warranty period and terms)

Warranty Period: This facility is warranted for 2 years from the date of purchase.

Warranty Terms:

1. Except for man-made damage and natural disasters
2. If the facility fails to function properly during the warranty period, please contact our after service department or our local distributor directly.
- 3) Fail to present a valid warranty card.
- 2) Omissions, alterations, and trade sales names on the warranty card.
- 3) Failures and damage caused by force majeure.
- 4) Failures and damage caused during transportation and handling.
- 5) Failures and damage caused by failure to follow the instructions for use.
- 6) Failures and damage caused by disassembly, repair, and modification of the product without the manufacturer's authorization or by non-professionals.
- 7) Failures caused by the use of accessories not approved by the factory or not matched by the factory.

▲ Thank you for reading this manual. Please keep it for future reference.