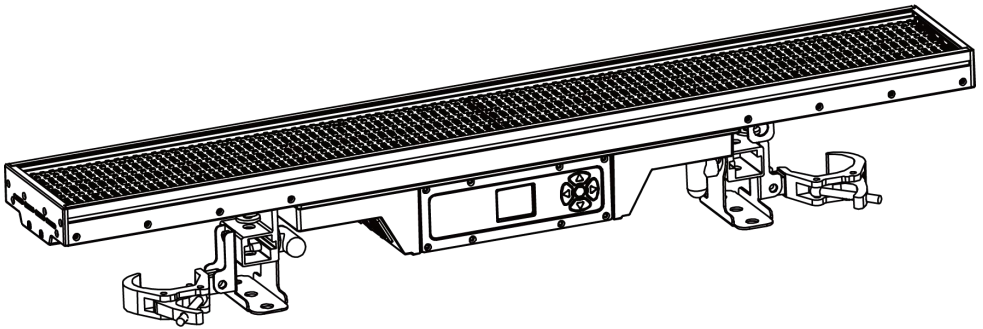


S1400

Phantom IP65 480W Pro Strobe Bar



USER MANUAL

CONTENTS

Safety Instructions	3-4
Technical Specification	4-5
Mounting	6-7
Display and Menu.....	8-11
LUX Data.....	12
DMX Set Up	12-13
DMX List	14-38
Attention	38
Product Size	39
Trouble Shooting.....	40
Fixture Cleaning	40-41
Multiple Unit Power Linking.....	41
Fuse Replacement.....	41

Statement

Fixtures should be fastened on the hooks with screws. Make sure the installation is secure to prevent chattering and slipping during operation. Also make sure that the structure of the truss can support the luminaire 10 times the weight. At the same time, when installing the lamps, they also use a safety rope to support the weight of the lamps by 12 times.

The installation of the equipment should be carried out by professionals, and it should also be installed in places where people can't reach them casually or where no one is free to

pass by.

Safety Instructions

Please keep this User Guide for future consultation. If you sell the unit to another user, be sure that they also receive this instruction booklet.

- Unpack and check carefully there is no transportation damage before using the unit.
- Before operating, ensure that the voltage and frequency of power supply match the power requirements of the unit.
- It's important to ground the yellow/green conductor to earth in order to avoid electric shock.
- The unit is for outdoor use.
- The unit must be installed in a location with adequate ventilation, at least 50 cm from adjacent surfaces. Be sure that no ventilation slots are blocked.
- Disconnect main power before replacement or servicing.
- Make sure there are no flammable materials close to the unit while operating as it is fire hazard.
- Use safety cable when fixes this unit. Do not handle the unit by taking its head only, but always by taking its base.
- Maximum ambient temperature is: 45 °C . Do not operate it where the temperature is higher than this Unit surface temperature may reach up to 85°C. Do not touch the housing bare-hand during its operation. Turn off the power and allow about 15 minutes for the unit to cool down before replacing or serving.
- The event of serious operating problem, stop using the unit immediately. Never try to repair the unit by yourself. Repairs carried out by unskilled people can lead to damage or malfunction. Please contact the nearest authorized technical assistance center. Always use the same type spare parts.
- Do not touch any wire during operation as high voltage might be causing electric shock.

Warning:

- Do not open the unit within five minutes after switching off.
- The housing, the lenses, must be replaced if they are visibly damaged.

Caution:

There are no user serviceable parts inside the unit. If the service breaks down, you can contact us directly to teach you how to repair it, or send it back to us and we will send it back to you after it is repaired.

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 equipment must be fixed by professionals. And it must be fixed at a place where is out of the touch of people.

Technical Specifications S1400

Light source:

1152*1W RGBW LED+192*3W White LED + 96*3W Amber LED;

Lamp life: ≥50000 hours

Input voltage: AC90-240V ,50-60Hz

Full power :460W±5%,Power factor PF≥0.95

Beam angle: 120°,electronic atomized glass lens

Control Modes: DMX512/Master-Slave/Auto Run/Music/RDM

(9/17/27/36 is the master control mode, 26/50/101/104/57/177/182 is the pixel mode, 2+24/2+48/2+96/5+96/8+96/13+44/6+176/1+176 is the DMX+Artnet pixel mode) 19 channel modes in total

Dimension: 997*148*156mm;

NW: 11kg

Carton package 1in1 size: 1105*270*270mm

Gross weight: 14.8kg

Flight case packing 8in1 size:1075*745*550mm

Gross Weight:130 kg

Maximum number of connections:

9 units (230V, 50Hz) 2.5mm² power cable

4 units (120V, 60Hz) 2.5mm² power cable

Construction:

Menu display: 1.8-inch TFT color display; Chinese and English can be switched at will, and the font can be reversed 180° display;

Data In/Out socket: 3-pin sockets

Protection Rating: IP65

Working temperature: -20°C~55°C

Effect configuration:

Full optical domain dimming, 256-level dimming accuracy;

Fast strobe 1~25Hz;

1152 *1W divided into 32 segments, 192* 3W divided into 32 segments,

96 *3W divided into 16 segments; preset multiple color macro functions; preset multiple effect (washing, pattern, segment control, strobe) macro functions;

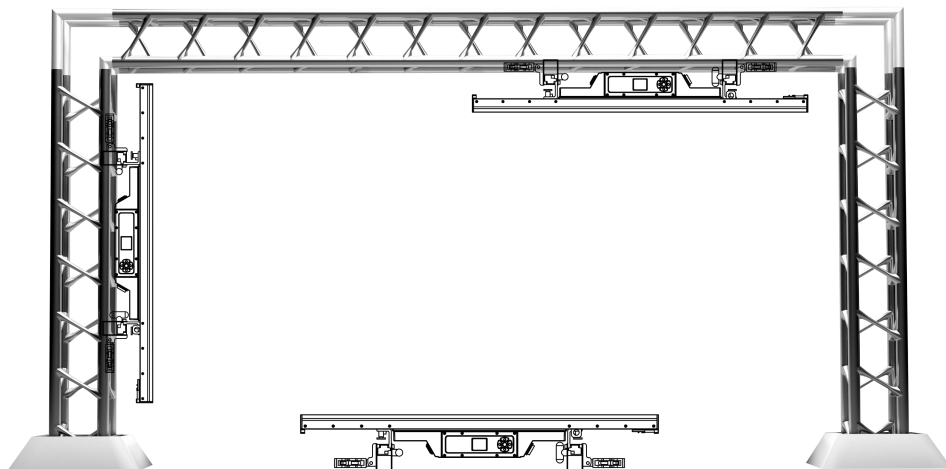
Mounting

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. and appropriate safety cable. Never stand directly below the unit when mounting, removing, or servicing the unit.

Overhead mounting requires extensive experience, including calculating working load limits, installation material being used, and periodic safety inspection of all installation material and unit. If you lack these qualifications, do not attempt the installation yourself.

These installation should be checked by a skilled person once a year.

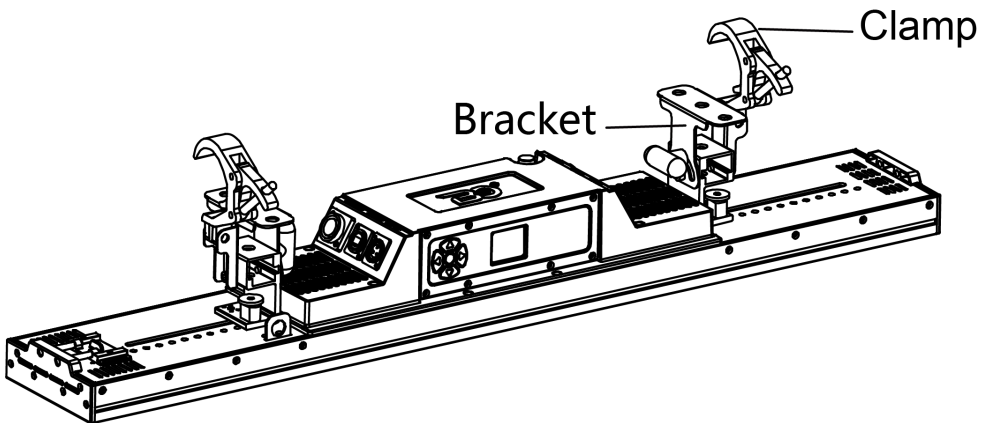


S1400 is fully operational in three different mounting positions, hanging upside-down from a ceiling, sideways on trussing, or set on a flat level surface. Be sure this fixture is kept at least 12m (40ft) away from any flammable materials (decoration etc.). Always use and install the supplied safety cable as a safety measure to prevent accidental damage and/or injury in the event because of the clamp fails (see next page). Never use the carrying handles for secondary attachment.

Mounting

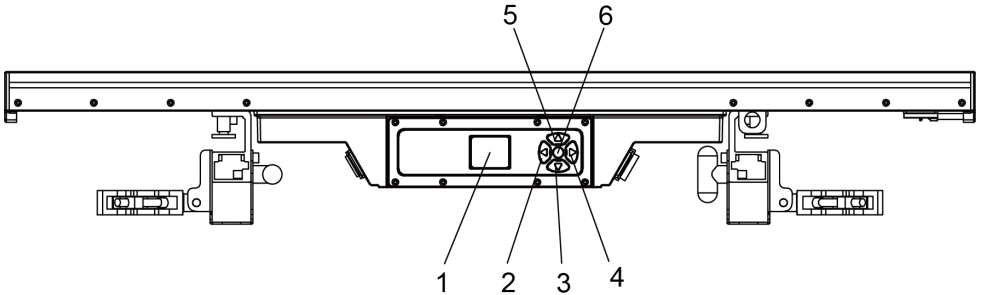
NOTICE: The suitable environmental temperature for this lighting fixture is between -25° C to 55° C. Do not place this lighting fixture in an environment where the temperatures are under or above the temperatures stated . This will allow the fixture to run at its best and help prolong the fixture life.

1. Bolt each clamp to the Omega holder with screw and lock nut through the hole in the holder.
2. Fasten the omega holders on the bottom of the base by inserting quick-lock fasteners into the holes of the base and tighten fully clockwise.
3. Hang the fixture to the support using the clamps and tighten the screws. Fasten a safety cable through the bottom of the base and over the support.



Screw one clamp each via a M12 screw and nut into the Omega holders. Insert the quick-lock fasteners of the Omega holder's into the respective holes on the bottom of the S1400. Tighten the quick-lock fasteners fully clockwise. Then install the second Omega holder. Pull the safety-cable through the openings located on the base plate and over the trussing system or a safe fixation spot. Insert tighten the safety screw.

FRONT VIEW



Display:

1. MENU: To select the programming functions
2. ESC: Exit selected option
3. DOWN: To go backward in the selected functions
4. ENTER: To confirm the selected functions
5. UP: To go forward in the selected functions.
6. Save: Save selected functions

Set DMX Address Code:

- Press **"Menu"** to "Set DMX Address", and press **"ENTER"** keys to enter into
- Show "Set DMX Address DMX Address:001", Press the **"UP and DOWN"** keys to amended
- Press **"ENTER"** keys to save and Exit, Press the **"MENU"** Keys does not save and Exit

Menu	1. Pan Degree	1. 540 2. 360	Pan move angle
	2. Mic Sense	001--100	Sound control sensitivity adjustment
	3. Language	1. English	Language selection
		2. Chinese	
	4. No Signal	1. BlackOut 2. Hold	
	5. Fan Set	1. Auto 2. Low 3. High	
	6. Dimmer Mode	1. Mode 1	Select dimming mode
		2. Mode 2	
		3. Mode 3	
		4. Mode 4	
		5. Mode 5	
	7. Gamma Curve	1. Gamma2. 0	
		2. Gamma2. 2	
		3. Gamma2. 4	
		4. Gamma2. 6	
	8. ArtNet Set	1. ArtNet Enable: 1. ON 2. OFF	
		2. Universe:0---255	
		3. IP Mode: A. 2. X. X. X Auto B. 10. X. X. X Auto	

		C. Customer	
		4. Customer IP:192. 168. 000. 001	
		5. SubNetMask: 255. 000. 000. 000	
	9. Reset	1. Yes	Reset
		2. No	
	10. Default	1. Yes	Restore factory mode
		2. No	
	11. Adjust	Pass Word: ****	Changing the values of R/G/B/W can adjust the white balance
		1. Red: 0--255	
		2. Green: 0--255	
		3. Blue: 0--255	
		4. White: 0--255	
Address	001--512		Set the address code from 001 to 512
Reverse	1. Display	1. YES 2. NO	
	2. Pixel	1. YES 2. NO	
Information	1. CH Value		Display all channel information
	2. (Temperature℃)		Display LED board temperature
	3. Version		Program version

			number
	4. IP	IP002.018.016.085	Default IP
	5. Mask	Mask255.000.000.000	Default submask
Mode	1. DMX512		Default submask
	2. Auto	1. Master 2. Alone	
	3. Sound	1. Master 2. Alone	
	4. Manual	1. Ma	Manual Control
		ster	
		2. Al	
		one	
		1. Red: 0--255	
		2. Green : 0--255	
		3. Blue: 0--255	
		4. White: 0--255	
		5. Led1 (Led1 Auto) : 0--255	
		6. Led1 (Led1 Auto Speed) : 0--255	
		7. CW: 0--255	
		8. CW Auto: 0--255	
		9. CW Auto Speed: 0--255	
		10. WW: 0--255	
		11. WW Auto: 0--255	
		12. WW Auto Speed: 0--255	
		13. Strobe: 0-255	

LUX Data

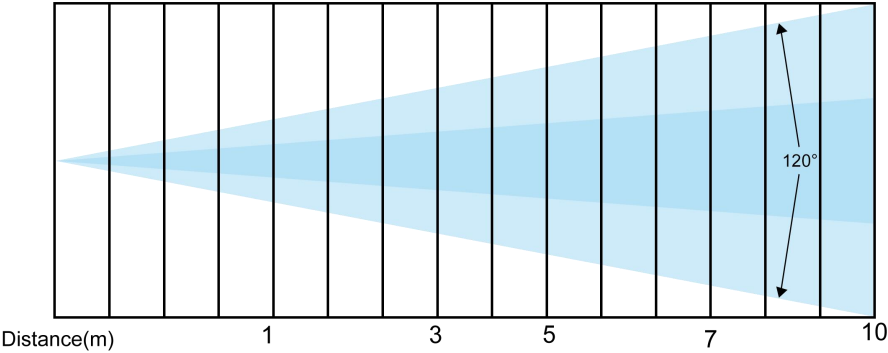
Angle = 120°

Middle LED:(288*3W)

W lux	12350	1372	494	252	123
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Both sides LED:(1152*1W)

R lux	1712	190	68.5	35	17.1
G lux	3775	419	151	77	37.8
B lux	587	65.3	23.5	12	5.9
W lux	4475	497	179	91.3	44.7
4in1 lux	9575	1063	383	195	95.7

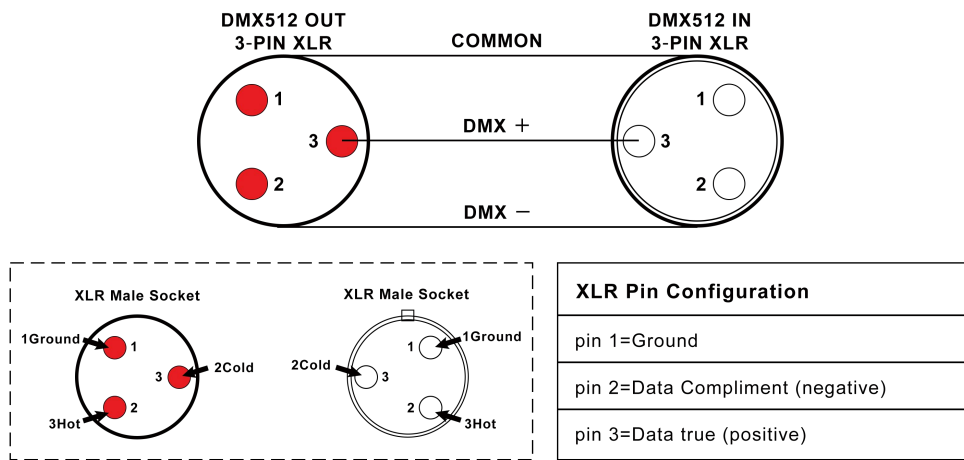


DMX Channel List

Power Supply: The S1400 LED Moving Strobe Light contains a automatic voltage switch, which will auto sense the voltage when it is plugged into the power source. With this switch there is no need to worry about the correct power voltage, this unit can be plugged in anywhere.

Data Cable (DMX Cable) Requirements (For DMX Operation): The S1400 LED Moving Strobe Light can be controlled via DMX-512 protocol. The S1400 LED Moving Strobe Light has 4 DMX channel modes. Your unit and your DMX controller require a standard 3-pin or 5-pin XLR connector for data input and data output (Figure 1). If you are making your own cables, be sure to use standard 110-120 Ohm shielded cable (This cable may be purchased at almost all pro lighting stores). Your cables should be made with a male and female XLR connector on either end of the cable. Also remember that DMX cable must be daisy chained and cannot be split.

Notice: When making your own cable, be sure to carefully observe and follow the instructions shown in the diagram. Do not use the ground lug on the XLR connector. Do not connect the cable’s shield conductor to the ground lug or allow the shield conductor to come in contact with the XLR’s outer casing. Grounding the shield could cause a short circuit and erratic behavior.



The DMX512 is widely used in intelligent lighting control, with a DMX 512 controller. connect several lights together, dmx in and dmx out, 3 pin XLR connectors: Pin 1: GND, Pin 2: Negative signal (-), Pin 3: Positive signal (+)

Channel List

Master control mode

DMX512 signal control or ArtNet signal control						
channel				Function	DMX Data	Description
9 ch	17 ch	27 ch	36 ch			
1	1	1	1	Main light red	0--255	Red dimming
2	2	2	2	Main light green	0--255	Green dimming
3	3	3	3	Main light blue	0--255	Blue dimming
4	4	4	4	Main light white	0--255	White dimming
5	5	5	5	Strobe bar cold white	0--255	Cold white dimming
6	6	6	6	Strobe bar warm white	0--255	Warm white dimming
	7	7	7	Main light macro color	0--9	No effect
					10--255	Macro color
7	8			Total dimming	0--255	Dimming from dark to bright
8	9			Total dimming fine	0--255	Fine dimming

				adjustment		
10				Total strobe	000-020	Turn off light
					021-060	Strobe, slow to fast
					061-100	Slow on and fast off, slow to fast
					101-140	Fast on and slow off, slow to fast
					141-180	Slow on and slow off, slow to fast
					181-220	Random strobe, slow to fast
					221-255	Turn on light
		8	8	Main light dimming	0--255	Dimming from dark to bright
		9	9	Main light dimming fine adjustment	0--255	Fine dimming
10		10	10	Main light strobe	000-020	Turn off light
					021-060	Strobe, slow to fast
					061-100	Slow on and fast off, slow to fast
					101-140	Fast on and slow off, slow to fast
					141-180	Slow on and slow off, slow to fast
					181-220	Random strobe, slow to fast
					221-255	Turn on light
11	11	11	11	Main light built-in effect	Color selection is required during performance, foreground color is selected by the front color channel,	

					background color is selected by the back effect background macro color or background color channel	
					0--9	No effect
					10--12	Effect 1
					13--15	Effect 2
					 (3 in 1)	
					103--105	Effect 32
					106--255	Reserved
			12	Main light effect pan	0--255	Select built-in effect scene shift
		12	13	Main light effect speed	0--9	No effect
					10--132	Forward, from fast to slow
					133--255	Reverse, from slow to fast
		13	14	Main light effect fade	0--255	Effect fade in and fade out
			15	Main light effect background total dimming	0--255	Background 0-100% dimming
			16	Main light effect background strobe	0--255	Background strobe from slow to fast
	12	14	17	Main light effect	0--9	No effect

				background macro color	10--255	Macro color
			18	Main light effect background red	0--255	Effect background red
			19	Main light effect background green	0--255	Effect background Background green
			20	Main light effect background blue	0--255	Effect background blue
			21	Main light effect background white	0--255	Effect background white
		15	22	Strobe bar cold white dimming	0--255	Dimming from dark to bright
		16	23	Strobe bar cold white dimming fine adjustment	0--255	Fine dimming
		17	24	Strobe bar cold white strobe	000-020	Light off
					021-060	Flickering, from slow to fast
					061-100	Slow on and fast off, from slow to fast
					101-140	Slow on and slow off, from slow to fast
					141-180	Slow on and slow off, from slow to fast
					181-220	Random strobing, from slow to fast
					221-255	Light on

13	18	25	Strobe bar cold white built-in effect	0--9	No effect	
				10--12	Effect 1	
				13--15	Effect 2	
				...（3 in 1）		
				103--105	Effect 32	
				106--255	Reserved	
		26	Strobe bar cold white effect shift	0--255	Select built-in effect scene shift	
	19	27	Strobe bar cold white effect speed	0--9	No effect	
				10--132	Forward, from fast to slow	
				133--255	Reverse, from slow to fast	
		20	28	Strobe bar cold white effect fade	0--255	Effect fade in and fade out
		21	29	Strobe bar warm white dimming	0--255	Dimming from dark to bright
		22	30	Strobe bar warm white dimming fine adjustment	0--255	Adjustment Light fine-tuning
	23	31	Strobe bar warm white strobe	000-020	Light off	
				021-060	Flickering, from slow to fast	
				061-100	Slow on and fast off, from slow to fast	

					101-140	Fast on and slow off, from slow to fast
					141-180	Slow on and slow off, from slow to fast
					181-220	Random flickering, from slow to fast
					221-255	Light on
14	24	32	Strobe bar warm white built-in effect	0--9	No effect	
				10--12	Effect 1	
				13--15	Effect 2	
				...（3 in 1）		
				103--105	Effect 32	
				106--255	Reserved	
		33	Strobe bar warm white effect shift	0--255	Select built-in effect scene shift	
	25	34	Strobe bar warm white effect speed	0--9	No effect	
				10--132	Forward, from fast to slow	
				133--255	Reverse, from slow to fast	
		26	35	Strobe bar warm white effect fade	0--255	Effect fade in and out
15			Total effect speed	0--9	No effect	
				10--132	Forward, from fast to slow	
				133--255	Reverse, from slow to fast	

	16			Total effect fade	0--255	Effect fade in and out
9	17	27	36	Atomization effect	0--255	Atomization effect 0-100%

Pixel Mode

DMX512 signal control or ArtNet signal control										
channel								Function	DMX Data	Description
26 ch	50 ch	98 ch	101 ch	104 ch	57 ch	177 ch	182 ch			
			97	97			177	Total dimming	0--255	Dimming from dark to bright
								Total strobe	000-020	Light off
									021-060	Flashing, from slow to fast
									061-100	Slow on and fast off, from slow to fast
									101-140	Fast on and slow off, from slow to fast
									141-180	Slow on and slow off, from slow to fast
									181-220	Random strobing, from slow to fast
									221-255	Light on
					45			Main light dimming	0--255	Dimming from dark to bright
					46			Main light dimming fine-tuning	0--255	Dimming from dark to bright
			98	98	47			Main light strobe	000-020	Light off
									021-060	Flashing, from slow to fast
									061-100	Slow on and fast off,

[illegible]

										slow to fast
									141-180	Slow on and slow off, from slow to fast
									181-220	Random strobe, from slow to fast
									221-255	On
25	49	97	101	101	54	177	179	Atomization effect	0--255	Atomization effect 0-100%
26	50	98						Total fade-out effect	0--255	Fade in and fade out effect
				102	55		180	Main light fade-out effect	0--255	Fade in and fade out effect
				103	56		181	Strobe bar cold white fade-out effect	0--255	Fade in and fade out effect
				104	57		182	Strobe bar warm white fade-out effect	0--255	Fade in and fade out effect
1	1	1	1	1	1	1	1	Main light red 1	0--255	Red Dimming
2	2	2	2	2	2	2	2	Main light green 1	0--255	Green Dimming
3	3	3	3	3	3	3	3	Main light blue 1	0--255	Blue Dimming
4	4	4	4	4	4	4	4	Main light white 1	0--255	White Dimming
5	5	5	5	5	5	5	5	Main light red 2	0--255	Red Dimming
6	6	6	6	6	6	6	6	Main light green 2	0--255	Green Dimming
7	7	7	7	7	7	7	7	Main light blue 2	0--255	Blue Dimming
8	8	8	8	8	8	8	8	Main light white 2	0--255	White Dimming
9	9	9	9	9	9	9	9	Main light red 3	0--255	Red Dimming
10	10	10	10	10	10	10	10	Main light green 3	0--255	Green Dimming
11	11	11	11	11	11	11	11	Main light blue 3	0--255	Blue Dimming
12	12	12	12	12	12	12	12	Main light white 3	0--255	White Dimming
13	13	13	13	13	13	13	13	Main light red 4	0--255	Red Dimming
14	14	14	14	14	14	14	14	Main light green 4	0--255	Green Dimming
15	15	15	15	15	15	15	15	Main light blue 4	0--255	Blue Dimming
16	16	16	16	16	16	16	16	Main light white 4	0--255	White Dimming
	17	17	17	17	17	17	17	Main light red 5	0--255	Red Dimming

	18	18	18	18	18	18	18	Main light green 5	0-- 255	Green Dimming
	19	19	19	19	19	19	19	Main light blue 5	0-- 255	Blue Dimming
	20	20	20	20	20	20	20	Main light white 5	0-- 255	White Dimming
	21	21	21	21	21	21	21	Main light red 6	0-- 255	Red Dimming
	22	22	22	22	22	22	22	Main light green 6	0-- 255	Green Dimming
	23	23	23	23	23	23	23	Main light blue 6	0-- 255	Blue Dimming
	24	24	24	24	24	24	24	Main light white 6	0-- 255	White Dimming
	25	25	25	25	25	25	25	Main light red 7	0-- 255	Red Dimming
	26	26	26	26	26	26	26	Main light green 7	0-- 255	Green Dimming
	27	27	27	27	27	27	27	Main light blue 7	0-- 255	Blue Dimming
	28	28	28	28	28	28	28	Main light white 7	0-- 255	White Dimming
	29	29	29	29	29	29	29	Main light red 8	0-- 255	Red Dimming
	30	30	30	30	30	30	30	Main light green 8	0-- 255	Green Dimming
	31	31	31	31	31	31	31	Main light blue 8	0-- 255	Blue Dimming
	32	32	32	32	32	32	32	Main light white 8	0-- 255	Dimming
		33	33	33		33	33	Main light red 9	0-- 255	Red Dimming
		34	34	34		34	34	Main light green 9	0-- 255	Green Dimming
		35	35	35		35	35	Main light blue 9	0-- 255	Blue Dimming
		36	36	36		36	36	Main light white 9	0-- 255	White Dimming
		37	37	37		37	37	Main light red 10	0-- 255	Red Dimming
		38	38	38		38	38	Main light green 10	0-- 255	Green Dimming
		39	39	39		39	39	Main light blue 10	0-- 255	Blue Dimming
		40	40	40		40	40	Main light white 10	0-- 255	White Dimming
		41	41	41		41	41	Main light red 11	0-- 255	Red Dimming
		42	42	42		42	42	Main light green 11	0-- 255	Green Dimming
		43	43	43		43	43	Main light blue 11	0-- 255	Blue Dimming
		44	44	44		44	44	Main light white 11	0-- 255	White Dimming
		45	45	45		45	45	Main light red 12	0-- 255	Red Dimming
		46	46	46		46	46	Main light green 12	0-- 255	Green dimming
		47	47	47		47	47	Main light blue 12	0-- 255	Blue dimming

		48	48	48		48	48	Main light white 12	0-- 255	White dimming
		49	49	49		49	49	Main light red 13	0-- 255	Red dimming
		50	50	50		50	50	Main light green 13	0-- 255	Green dimming
		51	51	51		51	51	Main light blue 13	0-- 255	Blue dimming
		52	52	52		52	52	Main light white 13	0-- 255	White dimming
		53	53	53		53	53	Main light red 14	0-- 255	Red dimming
		54	54	54		54	54	Main light green 14	0-- 255	Green dimming
		55	55	55		55	55	Main light blue 14	0-- 255	Blue dimming
		56	56	56		56	56	Main light white 14	0-- 255	White dimming
		57	57	57		57	57	Main light red 15	0-- 255	Red dimming
		58	58	58		58	58	Main light green 15	0-- 255	Green dimming
		59	59	59		59	59	Main light blue 15	0-- 255	Blue dimming
		60	60	60		60	60	Main light white 15	0-- 255	White dimming
		61	61	61		61	61	Main light red 16	0-- 255	Red dimming
		62	62	62		62	62	Main light green 16	0-- 255	Green dimming
		63	63	63		63	63	Main light blue 16	0-- 255	Blue dimming
		64	64	64		64	64	Main light white 16	0-- 255	White dimming
						65	65	Main light red 17	0-- 255	Red dimming
						66	66	Main light green 17	0-- 255	Green dimming
						67	67	Main light blue 17	0-- 255	Blue dimming
						68	68	Main light white 17	0-- 255	White dimming
						69	69	Main light red 18	0-- 255	Red dimming
						70	70	Main light green 18	0-- 255	Green dimming
						71	71	Main light blue 18	0-- 255	Blue dimming
						72	72	Main light white 18	0-- 255	White dimming
						73	73	Main light red 19	0-- 255	Red dimming
						74	74	Main light green 19	0-- 255	Green dimming
						75	75	Main light blue 19	0-- 255	Blue dimming
						76	76	Main light white 19	0-- 255	White dimming
						77	77	Main light red 20	0-- 255	Red dimming

						78	78	Main light green 20	0-- 255	Green dimming
						79	79	Main light blue 20	0-- 255	Blue dimming
						80	80	Main light white 20	0-- 255	White dimming
						81	81	Main light red 21	0-- 255	Red dimming
						82	82	Main light green 21	0-- 255	Green dimming
						83	83	Main light blue 21	0-- 255	Blue dimming
						84	84	Main light white 21	0-- 255	White dimming
						85	85	Main light red 22	0-- 255	Red dimming
						86	86	Main light green 22	0-- 255	Green dimming
						87	87	Main light blue 22	0-- 255	Blue dimming
						88	88	Main light white 22	0-- 255	White dimming
						89	89	Main light red 23	0-- 255	Red dimming
						90	90	Main light green 23	0-- 255	Green dimming
						91	91	Main light blue 23	0-- 255	Blue dimming
						92	92	Main light white 23	0-- 255	White dimming
						93	93	Main light red 24	0-- 255	Red dimming
						94	94	Main light green 24	0-- 255	Green dimming
						95	95	Main light blue 24	0-- 255	Blue dimming
						96	96	Main light white 24	0-- 255	White dimming
						97	97	Main light red 25	0-- 255	Red dimming
						98	98	Main light green 25	0-- 255	Green dimming
						99	99	Main light blue 25	0-- 255	Blue dimming
						100	100	Main light white 25	0-- 255	White dimming
						101	101	Main light red 26	0-- 255	Red dimming
						102	102	Main light green 26	0-- 255	Green dimming
						103	103	Main light blue 26	0-- 255	Blue dimming
						104	104	Main light white 26	0-- 255	White dimming light
						105	105	Main light red 27	0-- 255	red dimming
						106	106	Main light green 27	0-- 255	green dimming
						107	107	Main light blue 27	0--	Red

									255	dimming
						108	108	Main light white 27	0-- 255	Green dimming
						109	109	Main light red 28	0-- 255	Blue dimming
						110	110	Main light green 28	0-- 255	White dimming
						111	111	Main light blue 28	0-- 255	Blue dimming
						112	112	Main light white 28	0-- 255	White dimming
						113	113	Main light red 29	0-- 255	Red dimming
						114	114	Main light green 29	0-- 255	Green dimming
						115	115	Main light blue 29	0-- 255	Blue dimming
						116	116	Main light white 29	0-- 255	White dimming
						117	117	Main light red 30	0-- 255	Red dimming
						118	118	Main light green 30	0-- 255	Green dimming
						119	119	Main light blue 30	0-- 255	Blue dimming
						120	120	Main light white 30	0-- 255	White dimming
						121	121	Main light red 31	0-- 255	Red dimming
						122	122	Main light green 31	0-- 255	Green dimming
						123	123	Main light blue 31	0-- 255	Blue dimming
						124	124	Main light white 31	0-- 255	White dimming light
						125	125	Main light red 32	0-- 255	red dimming
						126	126	Main light green 32	0-- 255	green dimming
						127	127	Main light blue 32	0-- 255	blue dimming
						128	128	Main light white 32	0-- 255	cold white dimming
17	33	65	65	65	33	129	129	Strobe bar cold white 1	0-- 255	cold white dimming
18	34	66	66	66	34	130	130	Strobe bar cold white 2	0-- 255	cold white dimming
19	35	67	67	67	35	131	131	Strobe bar cold white 3	0-- 255	cold white dimming
20	36	68	68	68	36	132	132	Strobe bar cold white 4	0-- 255	cold white dimming
	37	69	69	69	37	133	133	Strobe bar cold white 5	0-- 255	cold white dimming
	38	70	70	70	38	134	134	Strobe bar cold white 6	0-- 255	cold white dimming
	39	71	71	71	39	135	135	Strobe bar cold white 7	0-- 255	cold white dimming
	40	72	72	72	40	136	136	Strobe bar cold white 8	0-- 255	cold white dimming

		73	73	73		137	137	Strobe bar cool white 9	0-- 255	cold white dimming
		74	74	74		138	138	Strobe bar cool white 10	0-- 255	cold white dimming
		75	75	75		139	139	Strobe bar cool white 11	0-- 255	cold white dimming
		76	76	76		140	140	Strobe bar cool white 12	0-- 255	cold white dimming
		77	77	77		141	141	Strobe bar cool white 13	0-- 255	cold white dimming
		78	78	78		142	142	Strobe bar cool white 14	0-- 255	cold white dimming
		79	79	79		143	143	Strobe bar cool white 15	0-- 255	cold white dimming
		80	80	80		144	144	Strobe bar cool white 16	0-- 255	cold white dimming
						145	145	Strobe bar cool white 17	0-- 255	cold white dimming
						146	146	Strobe bar cool white 18	0-- 255	cold white dimming
						147	147	Strobe bar cool white 19	0-- 255	cold white dimming
						148	148	Strobe bar cool white 20	0-- 255	cold white dimming
						149	149	Strobe bar cool white 21	0-- 255	cold white dimming
						150	150	Strobe bar cool white 22	0-- 255	cold white dimming
						151	151	Strobe bar cool white 23	0-- 255	cold white dimming
						152	152	Strobe bar cool white 24	0-- 255	cold white dimming
						153	153	Strobe bar cool white 25	0-- 255	cold white dimming
						154	154	Strobe bar cool white 26	0-- 255	cold white dimming
						155	155	Strobe bar cool white 27	0-- 255	cold white dimming
						156	156	Strobe bar Cold white 28	0-- 255	cold white dimming
						157	157	Strobe bar cold white 29	0-- 255	cold white dimming
						158	158	Strobe bar cold white 30	0-- 255	cold white dimming
						159	159	Strobe bar cold white 31	0-- 255	cold white dimming
						160	160	Strobe bar cold white 32	0-- 255	cold white dimming
21	41	81	81	81	41	161	161	Strobe bar warm white 1	0-- 255	Cool white dimming
22	42	82	82	82	42	162	162	Strobe bar warm white 2	0-- 255	Cool white dimming
23	43	83	83	83	43	163	163	Strobe bar warm white 3	0-- 255	Cool white dimming
24	44	84	84	84	44	164	164	Strobe bar warm white 4	0-- 255	Cool white dimming
	45	85	85	85		165	165	Strobe bar warm white 5	0-- 255	Cool white dimming
	46	86	86	86		166	166	Strobe bar warm white 6	0-- 255	Cool white dimming

	47	87	87	87		167	167	Strobe bar warm white 7	0-- 255	Cool white dimming
	48	88	88	88		168	168	Strobe bar warm white 8	0-- 255	Cool white dimming
		89	89	89		169	169	Strobe bar warm white 9	0-- 255	Cool white dimming
		90	90	90		170	170	Strobe bar warm white 10	0-- 255	Cool white dimming
		91	91	91		171	171	Strobe bar warm white 11	0-- 255	Warm white dimming
		92	92	92		172	172	Strobe bar warm white 12	0-- 255	Warm white dimming
		93	93	93		173	173	Strobe bar warm white 13	0-- 255	Warm white dimming
		94	94	94		174	174	Strobe bar warm white 14	0-- 255	Warm white dimming
		95	95	95		175	175	Strobe bar warm white 15	0-- 255	Warm white dimming
		96	96	96		176	176	Strobe bar warm white 16	0-- 255	Warm white dimming

Ordinary DMX512 signal control + ArtNet signal control

Ordinary DMX512 signal control + ArtNet signal control										
Ordinary DMX512 signal control										
channel								Function	DMX Data	Description
2+24 ch	2+48 ch	2+96 ch	5+96 ch	8+96 ch	13+44 ch	1+176 ch	6+176 ch			
			1	1			1	Total dimming	0-- 255	Dimming from dark to bright
							2	Total strobe	000- 020	Close the light
									021- 060	Flickering, from slow to fast
									061- 100	Slow on and fast off, from slow to fast
									101- 140	Fast on and slow off, from slow to fast
									141- 180	Slow on and slow off, from slow to fast
									181- 220	Random flickering, from slow to fast
									221- 255	Open the light

				1			Main light dimming	0-- 255	Dimming from dark to bright
				2			Main light dimming fine-tuning	0-- 255	Fine dimming
			2	2	3		Main light strobe	000- 020	Close the light
								021- 060	Flickering, from Slow to fast
								061- 100	Slow on and fast off, from slow to fast
								101- 140	Fast on and slow off, from slow to fast
								141- 180	Slow on and slow off, from slow to fast
								181- 220	Random strobe, from slow to fast
								221- 255	On
				4			Strobe bar cold white dimming	0-- 255	Dimming from dark to bright
				5			Strobe bar cold white dimming fine-tuning	0-- 255	Fine dimming
			3	3	6		Strobe bar cold white strobe	000- 020	Random flickering, from slow to fast
								021- 060	Open the light
								061- 100	Dimming from dark to bright
								101- 140	Fine dimming
								141- 180	Close the light
								181- 220	Flickering, from Slow to fast
								221- 255	Slow on and fast off, from slow to fast
				7			Strobe bar warm white dimming	0-- 255	Fast on and slow off, from slow to fast
				8			Strobe bar warm white dimming fine-tuning	0-- 255	Slow on and slow off, from slow to fast
			4	4	9		Strobe bar warm white strobe	000- 020	Off
								021- 060	Strobe, from slow to fast
								061- 100	Slow on and fast off, from slow to fast
								101- 140	Fast on and slow off, from slow to fast
								141- 180	Slow on and slow off, from slow to

										fast
									181-220	Random strobe, from slow to fast
									221-255	On
1	1	1	5	5	10	1	3	Atomization effect	0--255	Atomization effect 0-100%
2	2	2						Total fade-out effect	0--255	Fade in and fade out effect
				6	11		4	Main light fade-out effect	0--255	Fade in and fade out effect
				7	12		5	Strobe bar cold white fade-out effect	0--255	Fade in and fade out effect
				8	13		6	Strobe bar warm white fade-out effect	0--255	Fade in and fade out effect

ArtNet signal control channel

1	1	1	1	1	1	1	1	Main light red 1	0--255	Red dimming
2	2	2	2	2	2	2	2	Main light green 1	0--255	Green dimming
3	3	3	3	3	3	3	3	Main light blue 1	0--255	Blue dimming
4	4	4	4	4	4	4	4	Main light white 1	0--255	White dimming
5	5	5	5	5	5	5	5	Main light red 2	0--255	Red dimming
6	6	6	6	6	6	6	6	Main light green 2	0--255	Green dimming
7	7	7	7	7	7	7	7	Main light blue 2	0--255	Blue dimming
8	8	8	8	8	8	8	8	Main light white 2	0--255	White dimming
9	9	9	9	9	9	9	9	Main light red 3	0--255	Red dimming
10	10	10	10	10	10	10	10	Main light green 3	0--255	Green dimming
11	11	11	11	11	11	11	11	Main light blue 3	0--255	Blue dimming
12	12	12	12	12	12	12	12	Main light white 3	0--255	White dimming
13	13	13	13	13	13	13	13	Main light red 4	0--255	Red dimming
14	14	14	14	14	14	14	14	Main light green 4	0--255	Green dimming

15	15	15	15	15	15	15	15	Main light blue 4	0-- 255	Blue dimming
16	16	16	16	16	16	16	16	Main light white 4	0-- 255	White dimming
	17	17	17	17	17	17	17	Main light red 5	0-- 255	Red dimming
	18	18	18	18	18	18	18	Main light green 5	0-- 255	Green dimming
	19	19	19	19	19	19	19	Main light blue 5	0-- 255	Blue dimming
	20	20	20	20	20	20	20	Main light white 5	0-- 255	White dimming
	21	21	21	21	21	21	21	Main light red 6	0-- 255	Red dimming
	22	22	22	22	22	22	22	Main light green 6	0-- 255	Green dimming
	23	23	23	23	23	23	23	Main light blue 6	0-- 255	Blue dimming
	24	24	24	24	24	24	24	Main light white 6	0-- 255	White dimming
	25	25	25	25	25	25	25	Main light red 7	0-- 255	Red dimming
	26	26	26	26	26	26	26	Main light green 7	0-- 255	Green dimming
	27	27	27	27	27	27	27	Main light blue 7	0-- 255	Blue dimming
	28	28	28	28	28	28	28	Main light White 7	0-- 255	White dimming
	29	29	29	29	29	29	29	Main red 8	0-- 255	Red dimming
	30	30	30	30	30	30	30	Main green 8	0-- 255	Green dimming
	31	31	31	31	31	31	31	Main blue 8	0-- 255	Blue dimming
	32	32	32	32	32	32	32	Main white 8	0-- 255	White dimming
		33	33	33		33	33	Main red 9	0-- 255	Red dimming
		34	34	34		34	34	Main green 9	0-- 255	Green dimming
		35	35	35		35	35	Main blue 9	0-- 255	Blue dimming
		36	36	36		36	36	Main white 9	0-- 255	White dimming
		37	37	37		37	37	Main red 10	0-- 255	Red dimming
		38	38	38		38	38	Main green 10	0-- 255	Green dimming
		39	39	39		39	39	Main blue 10	0-- 255	Blue dimming

		40	40	40		40	40	Main white 10	0-- 255	White dimming
		41	41	41		41	41	Main red 11	0-- 255	Red dimming
		42	42	42		42	42	Main green 11	0-- 255	Green dimming
		43	43	43		43	43	Main blue 11	0-- 255	Blue dimming
		44	44	44		44	44	Main white 11	0-- 255	White dimming
		45	45	45		45	45	Main red 12	0-- 255	Red dimming
		46	46	46		46	46	Main green 12	0-- 255	Green dimming
		47	47	47		47	47	Main blue 12	0-- 255	Blue dimming
		48	48	48		48	48	Main white 12	0-- 255	White dimming
		49	49	49		49	49	Main red 13	0-- 255	Red dimming
		50	50	50		50	50	Main green 13	0-- 255	Green dimming
		51	51	51		51	51	Main blue 13	0-- 255	Blue dimming
		52	52	52		52	52	Main white 13	0-- 255	White dimming
		53	53	53		53	53	Main red 14	0-- 255	Red dimming
		54	54	54		54	54	Main green 14	0-- 255	Green dimming
		55	55	55		55	55	Main blue 14	0-- 255	Blue dimming
		56	56	56		56	56	Main white 14	0-- 255	White dimming
		57	57	57		57	57	Main red 15	0-- 255	Red dimming
		58	58	58		58	58	Main green 15	0-- 255	Green dimming
		59	59	59		59	59	Main blue 15	0-- 255	Blue dimming
		60	60	60		60	60	Main white 15	0-- 255	White dimming
		61	61	61		61	61	Main red 16	0-- 255	Red dimming
		62	62	62		62	62	Main green 16	0-- 255	Green dimming
		63	63	63		63	63	Main blue 16	0-- 255	Blue dimming
		64	64	64		64	64	Main white 16	0-- 255	White dimming

						65	65	Main red 17	0-- 255	Red dimming
						66	66	Main green 17	0-- 255	Green dimming
						67	67	Main blue 17	0-- 255	Blue dimming
						68	68	Main white 17	0-- 255	White dimming
						69	69	Main red 18	0-- 255	Red dimming
						70	70	Main green 18	0-- 255	Green dimming
						71	71	Main blue 18	0-- 255	Blue dimming
						72	72	Main white 18	0-- 255	White dimming
						73	73	Main red 19	0-- 255	Red dimming
						74	74	Main green 19	0-- 255	Green dimming
						75	75	Main blue 19	0-- 255	Blue dimming
						76	76	Main light white 19	0-- 255	White dimming
						77	77	Main light red 20	0-- 255	Red dimming
						78	78	Main light green 20	0-- 255	Green dimming
						79	79	Main light blue 20	0-- 255	Blue dimming
						80	80	Main light white 20	0-- 255	White dimming
						81	81	Main light red 21	0-- 255	Red dimming
						82	82	Main light green 21	0-- 255	Green dimming
						83	83	Main light blue 21	0-- 255	Blue dimming
						84	84	Main light white 21	0-- 255	White dimming
						85	85	Main light red 22	0-- 255	Red dimming
						86	86	Main light green 22	0-- 255	Green dimming
						87	87	Main light blue 22	0-- 255	Blue dimming
						88	88	Main light white 22	0-- 255	White dimming
						89	89	Main light red 23	0-- 255	Red dimming

						90	90	Main light green 23	0-- 255	Green dimming
						91	91	Main light blue 23	0-- 255	Blue dimming
						92	92	Main light white 23	0-- 255	White dimming
						93	93	Main light red 24	0-- 255	Red dimming
						94	94	Main light green 24	0-- 255	Green dimming
						95	95	Main light blue 24	0-- 255	Blue dimming
						96	96	Main light white 24	0-- 255	White dimming
						97	97	Main light red 25	0-- 255	Red dimming
						98	98	Main light Green 25	0-- 255	Green dimming
						99	99	Main blue 25	0-- 255	Blue dimming
						100	100	Main white 25	0-- 255	White dimming
						101	101	Main red 26	0-- 255	Red dimming
						102	102	Main green 26	0-- 255	Green dimming
						103	103	Main blue 26	0-- 255	Blue dimming
						104	104	Main white 26	0-- 255	White dimming
						105	105	Main red 27	0-- 255	Red dimming
						106	106	Main green 27	0-- 255	Green dimming
						107	107	Main blue 27	0-- 255	Blue dimming
						108	108	Main white 27	0-- 255	White dimming
						109	109	Main red 28	0-- 255	Red dimming
						110	110	Main green 28	0-- 255	Green dimming
						111	111	Main blue 28	0-- 255	Blue dimming
						112	112	Main white 28	0-- 255	White dimming
						113	113	Main red 29	0-- 255	Red dimming
						114	114	Main green 29	0-- 255	Green dimming

						115	115	Main blue 29	0-- 255	Blue dimming
						116	116	Main white 29	0-- 255	White dimming
						117	117	Main red 30	0-- 255	Red dimming
						118	118	Main green 30	0-- 255	Green dimming
						119	119	Main blue 30	0-- 255	Blue dimming
						120	120	Main white 30	0-- 255	White dimming
						121	121	Main Light red 31	0-- 255	Red dimming
						122	122	Main light green 31	0-- 255	Green dimming
						123	123	Main light blue 31	0-- 255	Blue dimming
						124	124	Main light white 31	0-- 255	White dimming
						125	125	Main light red 32	0-- 255	Red dimming
						126	126	Main light green 32	0-- 255	Green dimming
						127	127	Main light blue 32	0-- 255	Blue dimming
						128	128	Main light white 32	0-- 255	White dimming
17	33	65	65	65	33	129	129	Strobe bar cold white 1	0-- 255	cold white dimming
18	34	66	66	66	34	130	130	Strobe bar cold white 2	0-- 255	cold white dimming
19	35	67	67	67	35	131	131	Strobe bar cold white 3	0-- 255	cold white dimming
20	36	68	68	68	36	132	132	Strobe bar cold white 4	0-- 255	cold white dimming
	37	69	69	69	37	133	133	Strobe bar cold white 5	0-- 255	cold white dimming
	38	70	70	70	38	134	134	Strobe bar cold white 6	0-- 255	cold white dimming
	39	71	71	71	39	135	135	Strobe bar cold white 7	0-- 255	cold white dimming
	40	72	72	72	40	136	136	Strobe bar cold white 8	0--	cold

									255	white dimming
		73	73	73		137	137	Strobe bar cold white 9	0--255	cold white dimming
		74	74	74		138	138	Strobe bar cold white 10	0--255	cold white dimming
		75	75	75		139	139	Strobe bar cold white 11	0--255	cold white dimming
		76	76	76		140	140	Strobe bar cold white 12	0--255	cold white dimming
		77	77	77		141	141	Strobe bar cold white 13	0--255	cold white dimming
		78	78	78		142	142	strobe bar cold white 14	0--255	cold white dimming
		79	79	79		143	143	strobe bar cold white 15	0--255	cold white dimming
		80	80	80		144	144	strobe bar cold white 16	0--255	cold white dimming
						145	145	strobe bar cold white 17	0--255	cold white dimming
						146	146	strobe bar cold white 18	0--255	cold white dimming
						147	147	strobe bar cold white 19	0--255	cold white dimming
						148	148	strobe bar cold white 20	0--255	cold white dimming
						149	149	strobe bar cold white 21	0--255	cold white dimming
						150	150	strobe bar cold white 22	0--255	cold white dimming
						151	151	strobe bar cold white 23	0--255	cold white dimming
						152	152	strobe bar cold white 24	0--255	cold white dimming

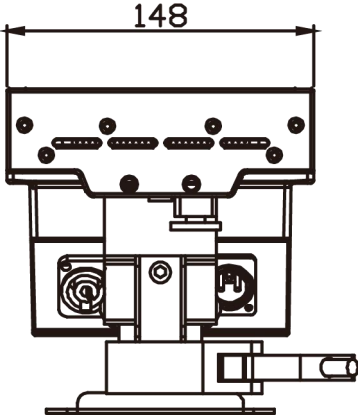
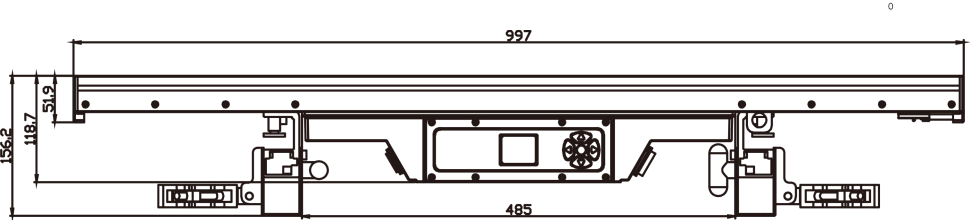
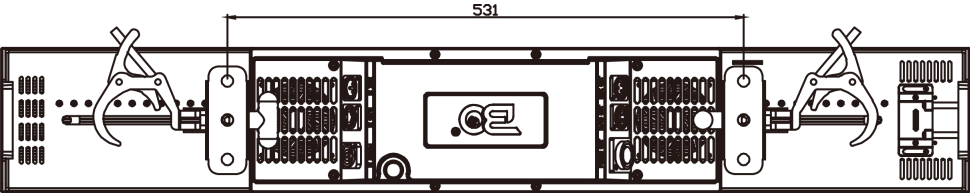
						153	153	strobe bar cold white 25	0-- 255	cold white dimming
						154	154	strobe bar cold white 26	0-- 255	cold white dimming
						155	155	strobe bar cold white 27	0-- 255	cold white dimming
						156	156	strobe bar cold white 28	0-- 255	cold white dimming
						157	157	strobe bar cold white 29	0-- 255	cold white dimming
						158	158	strobe bar cold White 30	0-- 255	cold white dimming
						159	159	Strobe bar cool white 31	0-- 255	cold white dimming
						160	160	Strobe bar cool white 32	0-- 255	cold white dimming
21	41	81	81	81	41	161	161	Strobe bar warm white 1	0-- 255	Warm white dimming
22	42	82	82	82	42	162	162	Strobe bar warm white 2	0-- 255	Warm white dimming
23	43	83	83	83	43	163	163	Strobe bar warm white 3	0-- 255	Warm white dimming
24	44	84	84	84	44	164	164	Strobe bar warm white 4	0-- 255	Warm white dimming
	45	85	85	85		165	165	Strobe bar warm white 5	0-- 255	Warm white dimming
	46	86	86	86		166	166	Strobe bar warm white 6	0-- 255	Warm white dimming
	47	87	87	87		167	167	Strobe bar warm white 7	0-- 255	Warm white dimming
	48	88	88	88		168	168	Strobe bar warm white 8	0-- 255	Warm white dimming
		89	89	89		169	169	Strobe bar warm white 9	0-- 255	Warm white dimming

		90	90	90		170	170	Strobe bar warm white 10	0-- 255	Warm white dimming
		91	91	91		171	171	Strobe bar warm white 11	0-- 255	Warm white dimming
		92	92	92		172	172	Strobe bar warm white 12	0-- 255	Warm white dimming
		93	93	93		173	173	Strobe bar warm white 13	0-- 255	Warm white dimming
		94	94	94		174	174	Strobe bar warm white 14	0-- 255	Warm white dimming
		95	95	95		175	175	Strobe bar warm white 15	0-- 255	Warm white dimming
		96	96	96		176	176	Strobe bar warm white 16	0-- 255	Warm white dimming

Attention

- When the lamp is powered on and lit, try to avoid looking directly at the light emitted by the lamp beads.
- When loading or unloading the lamp, be sure to cut off the main power supply connected to the device before you can open the cover on which the lamp bead is installed.

Products Size



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 connection of power and main fuse.
2. Measure the mains voltage on the main connector.
3. Check the power on LED.

B. Not responding to DMX controller

1. DMX LED should be on. If not, check DMX connectors, cables to see if link properly.
2. If the DMX LED is on and no response to the channel, check the address settings and DMX polarity.
3. If you have intermittent DMX signal problems, check the pins on connectors or on PCB of the unit or the previous one.
4. Try to use another DMX controller.
5. Check if the DMX cables run near or run alongside to high voltage cables that may cause damage or interference to DMX interface circuit.

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.

The motor's drive IC on the PCB might be out of condition

Fixture Cleaning

The outside of the lens must always be wiped so that the lighting effect is better. Wipe the frequency according to the environment. Humidity, excessive smoke, and a particularly dirty environment can make the lens dusty.

1. Use a soft cloth and special glass cleaner.
2. Wipe the exterior of the lens at least every 30 days.
3. Use vacuum cleaners or air guns inside the luminaire and clean it at least twice a year.
4. Always be sure to dry all parts completely before plugging the unit back in

Multiple Unit Power Linking

With this feature you can connect the fixtures to one another using the power-con input and output sockets. The maximum that can be connected is 3 fixtures @ 120V and 7 fixtures @ 240V. After the maximum connected fixtures you will need to use a new power outlet.

NOTE: USE WITH CAUTION WHEN POWER LINKING OTHER FIXTURES TO THE S1400 AS THE POWER CONSUMPTION OF OTHER LIGHTING FIXTURES WILL VARY!

Fuse Replacement

Unplug the unit from any power source it may be connected to. Once the power has been disconnected, use a Phillips head screw driver to unscrew the fuse holder located next to the power-con input.

Remove the bad fuse and replace with a new one, and screw the fuse holder back in.