



Starlink X

LH -S1262

This manual contains important information.
Please read before operating fixture.

Guangzhou Leahua Lighting Technology Ltd
[http:// www.leahualighting.com](http://www.leahualighting.com)

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Accessories

Name	Quantity	Remark
User manual	1pc	
Clamp	1set	
Power cable	1pc	
DMX signal cable	1pc	
Safety cord	1pc	Optional

1. Safety Instructions

WARNING!!! To reduce the risk of fire, electric shock, or injury to persons, follow these important safety instructions:

- Check before use

Before operation, inspect the fixture for transportation damage. Do not use it if damaged. Unauthorized modification or improper use is not covered by warranty.

- Environment

The fixture is IP65-rated, suitable for indoor/outdoor use, and can operate in humid or dusty areas. Keep it away from excessive heat, fire, vibration, electrical surges, and strong light.

- Personnel & operation

Installation and operation must be performed by qualified personnel. Ensure all covers are securely in place, wear protective gear, and do not open the housing or attempt self-maintenance.

- Optical safety

Do not look directly into the light source. Do not use with dimmer packs. Maintain a minimum distance of 20 m from illuminated surfaces, and replace damaged optical components immediately.

- Electrical safety

Ensure correct voltage, proper grounding, and compliant power cords. Do not use damaged cables, and unplug by holding the plug. Avoid operating under heavy rain or extreme humidity, and avoid frequent on/off switching.

- Installation

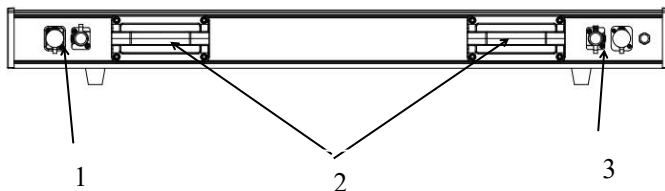
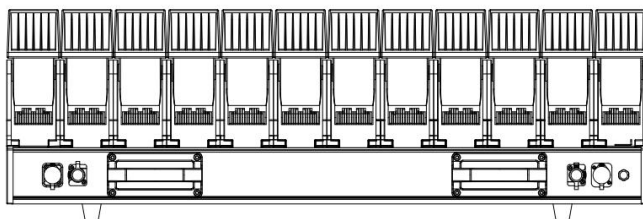
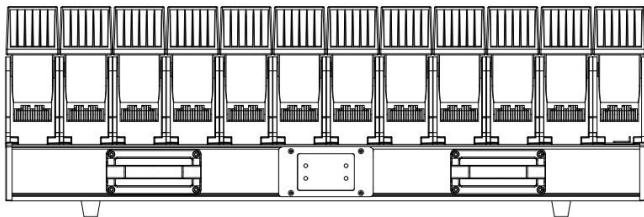
Use the safety cord through the provided safety holes. Keep at least 50 cm ventilation clearance and do not mount on flammable surfaces or aim the beam at combustible objects (minimum 20 m).

- Temperature & normal conditions

Housing temperature may reach 45 – 75° C during operation. Slight smoke or odor may occur at first ignition and is considered normal.

2. Appearance

Front side & back side



Front panel

1. Power in / DMX in
2. Handle
3. Power out / DMX Out

3. Technical Specifications

Power

Input Voltage: AC100-240 V, 50/60 Hz

Power Consumption: 1100W

Light source

Light Source: 12 × 60W RGBW LED / 144 × 2W CW LED / 144 × 2W WW LED

Life expectancy: About 20000 hours (factory rated)

Zoom Range:

Zoom Range: 3.2°-13.3°

Control

Display: LCD display

Control mode: DMX512, master-slave, auto, sound, RDM

Channel: 20/ 53/ 169A/ 169B/ 101/ 155/179CH

Dimming/Strobe

Dimming: 32bit 0-100% linear dimming

Strobe: 0-30 F.P.S, speed adjustable

Head movement

Tilt : 202°; 16 bit movement resolution

Housing

Housing: Aluminum alloy+plastic

Protection rate: IP65

Working temperature

Working temperature: -10°-45°

Connection

Power Connection: Powercon in/ out

Signal Connection: DMX 3-pin in/ out

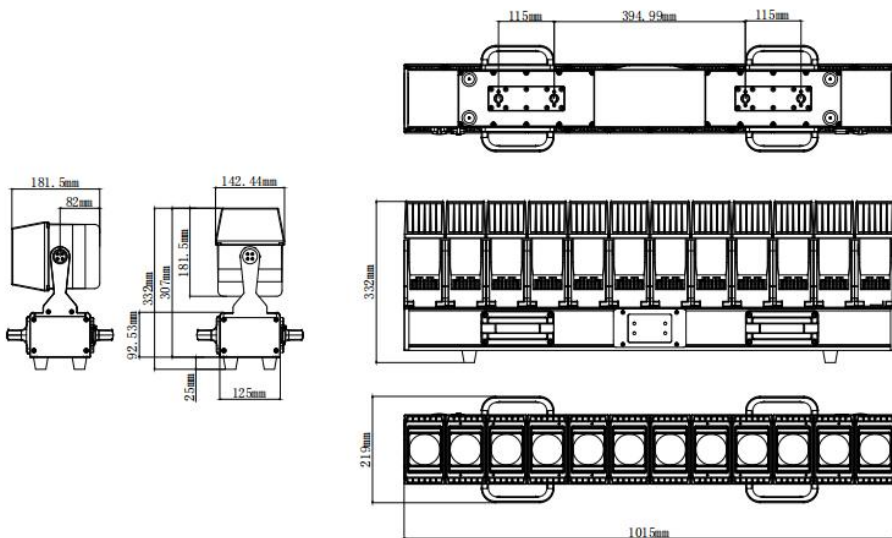
Product dimensions

1015×219×332mm

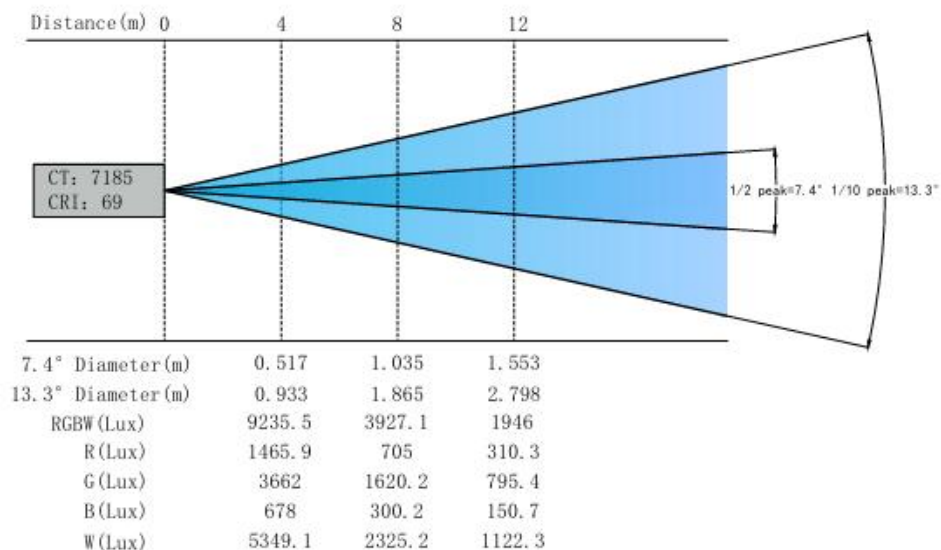
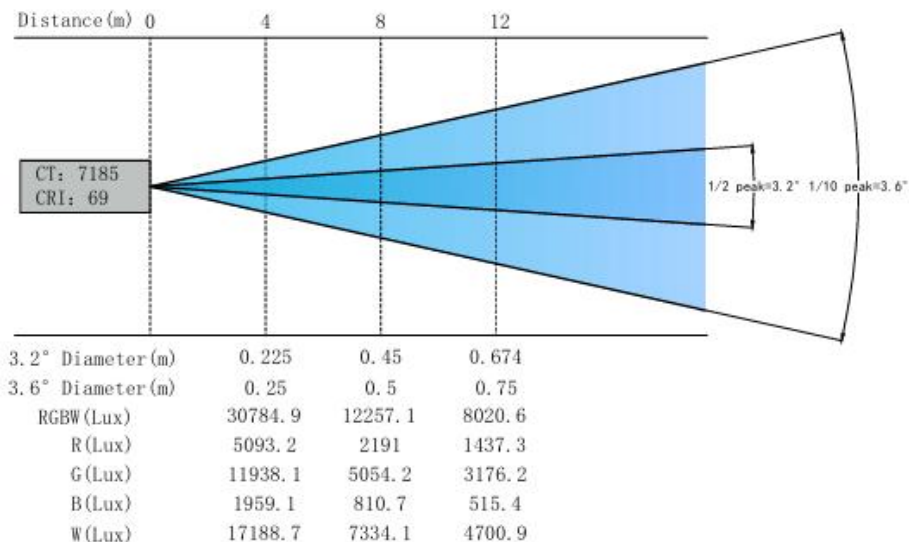
Net weight

30KG

Dimensions:

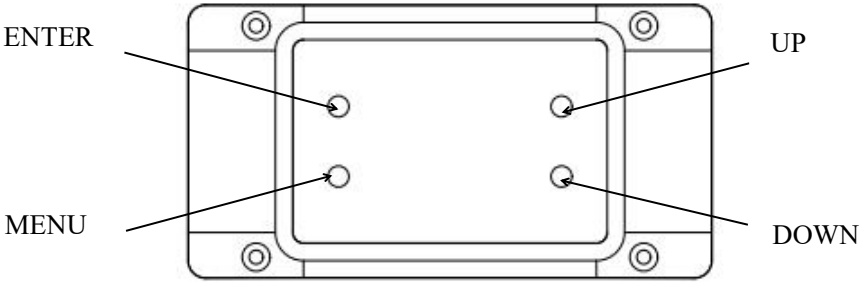


Light output:



4. Operation

4.1 Front panel operation:



MENU	To enter into move backward or leave the menu
UP	To go backward to move up in the menu
DOWN	To go forward to move down in the menu
ENTER	To perform the desired functions

Pressing any button from the home screen will show the selectable menu items from the menu map. When a menu function is selected, the display will immediately show the first available option for the selected menu function. To select a menu item, press <ENTER>.

Use the <UP> and <DOWN> buttons to navigate the menu options. Press the <ENTER> button to select the menu function currently displayed, or to enable a menu option. To return to the previous option or menu without changing the value, press the <MENU> button.

4.2 Board instruction:

Main Menu	Submenu	Menu function options and instructions
DMX SETTINGS	DMX Address	Set the DMX start address
	DMX Channel Mode	Set the DMX channel mode

		20CH		
		169ACH		
		169BCH		
		53CH		
		101CH		
		155CH		
		179CH		
	No DMX Status	Blackout	Takes all traits to 0 when DMX signal is lost or interrupted.	
		Hold	Holds all traits at last received value when DMX signal is lost or interrupted.	
		Manual	Defaults to values set in Manual Mode when DMX signal is lost or interrupted.	
PERSONALITY	Dimmer Mode	Fast		
		Smooth		
	Dimmer Curve	Linear		
		Square		
		Inv. Sq.		
		S-Curve		
	Display	Backlight	Off - 2 min	
		Display Lock	Off - 10 min	
		Display Invert	No / Yes	

		Language	English/Chinese
	Tilt Reverse	No/Yes	
	Temperature Unit	°C / °F	
	LED Refresh Ra	6000Hz	
MANUAL	Tilt	000 - 255	
	Zoom	000 - 255	
	Dimmer	000 - 255	
	Main Red	000 - 255	
	Main Green	000 - 255	
	Main Blue	000 - 255	
	Main White	000 - 255	
	Line Yellow	000 - 255	
Line White	000 - 255		
FIXTURE TEST	All Test		
	Tilt Test		
	Lamp Test		
FIXTURE INFO	Fixture Use Hour		
	LED Use Hour	Total LED Hour	
		LED On Hour	
		LED Hours Reset	
	Temperature		
	RDM UID	xxxxxx	
	Error Logs	Fixture Errors	LED Fan Error
			Temperature Error
	Reset Error Log (Passcode = 011)	No / Yes	
Firmware Version	x.xx		

4.3 DMX address setting:

Each fixture must be assigned a unique DMX start address within the 001 – 512 range. The start address represents the first channel the fixture occupies. This product provides seven DMX modes(20/ 53/ 169A/ 169B/ 101/ 155/ 179CH channels); therefore, the next fixture’s start address must be calculated according to the number of channels used in the selected mode to avoid overlapping addresses.

For example, when operating in 20-channel mode, set Fixture 1 to 001, Fixture 2 to 21, Fixture 3 to 41, Fixture 4 to 61, etc.

DMX Mode	Fixture1	Fixture2	Fixture3	Fixture4	...
20CH	001	21	41	61	...
53CH	001	54	107	160	...
169A CH	001	170	339	508	...
169B CH	001	170	339	508	...
101CH	001	102	203	304	...
155CH	001	156	311	466	...
179CH	001	180	359	538	...

5. DMX Protocol

20/ 53/ 101/ 155/ 179CH

20CH	53CH	101CH	155CH	179CH	The channel value	Function
1				*	000-255	Tilt
2				*	000-255	Fine tilt
*	1	1	1	1	000-255	Tilt 1
*	2	2	2	2	000-255	Fine tilt 1
*	3	3	3	3	000-255	Tilt 2
*	4	4	4	4	000-255	Fine tilt 2
*	5	5	5	5	000-255	Tilt 3
*	6	6	6	6	000-255	Fine tilt 3
*	7	7	7	7	000-255	Tilt 4
*	8	8	8	8	000-255	Fine tilt 4
*	9	9	9	9	000-255	Tilt 5
*	10	10	10	10	000-255	Fine tilt 5
*	11	11	11	11	000-255	Tilt 6
*	12	12	12	12	000-255	Fine tilt 6
*	13	13	13	13	000-255	Tilt 7
*	14	14	14	14	000-255	Fine tilt 7
*	15	15	15	15	000-255	Tilt 8
*	16	16	16	16	000-255	Fine tilt 8
*	17	17	17	17	000-255	Tilt 9
*	18	18	18	18	000-255	Fine tilt 9
*	19	19	19	19	000-255	Tilt 10
*	20	20	20	20	000-255	Fine tilt 10
*	21	21	21	21	000-255	Tilt 11
*	22	22	22	22	000-255	Fine tilt 11

*	23	23	23	23	000-255	Tilt 12
*	24	24	24	24	000-255	Fine tilt 12
3	25	25	25	25	000-255	Tilt-speed (Tilt-mode speed)
4	26	26	26	26	000-255	Tilt macro
5	27	27	27	27	000-255	CTC
6	28	28	28	28	000-255	Color macro
7	29	29	29	29	000-255	macro
8	30	30	30	30	000-255	LED built-in
9	31	31	31	31	000-255	LED built-in speed
10	32	32	32	32	000-255	LED built-in deploy from fast to slow
11	33	33	33	33	000-255	Background color(33-35CH is active when 30CH is at a value)
12	34	34	34	34	000-255	Background color dimming
*	*	*	35	35	000-255	Background color fine dimming
13	35	35	36	36	000-255	Dimming
*	*	*	37	37	000-255	Fine dimming
14	36	36	38	38	000-255	Strobe
15	*	*	*	*	000-255	Zoom
*	37	37	39	39	000-255	Zoom 1
*	38	38	40	40	000-255	Zoom 2
*	39	39	41	41	000-255	Zoom 3

*	40	40	42	42	000-255	Zoom 4
*	41	41	43	43	000-255	Zoom 5
*	42	42	44	44	000-255	Zoom 6
*	43	43	45	45	000-255	Zoom 7
*	44	44	46	46	000-255	Zoom 8
*	45	45	47	47	000-255	Zoom 9
*	46	46	48	48	000-255	Zoom 10
*	47	47	49	49	000-255	Zoom 11
*	48	48	50	50	000-255	Zoom 12
16	49	49	51	51	000-005	No function
					006-029	Warm white 1-24
					030-053	Cold white 1-24
					054-055	Line 1 warm white(1-12)
					056-057	Line 2 warm white(13-24)
					058-059	Line 1 cold white(1-12)
					060-061	Line 2 cold white(13-24)
					062-069	No function
					070-074	All reset
					075-134	No function
					135-139	Dimming fast
					140-144	Dimming smooth
					145-149	Dimming curve: linear
					150-154	Dimming curve: Square
155-159	Dimming					

						curve: I Square
					160-164	Dimming curve: S-Curve
					165-174	No function
					175-179	PWM 600Hz
					180-184	PWM 1200Hz
					185-189	PWM 2000Hz
					190-194	PWM 4000Hz
					195-199	PWM 6000Hz
					200-204	PWM 15000Hz
					205	Warm white
					206	Cold white
					207	Warm white and cold white
					208-219	Warm white 1-12
					220-231	Cold white 1-12
					231-255	WW+CW effect and speed
17	50	50	52	52	000-255	Red
*	*	*	53	53	000-255	Fine red
18	51	51	54	54	000-255	Green
*	*	*	55	55	000-255	Fine green
19	52	52	56	56	000-255	Blue
*	*	*	57	57	000-255	Fine blue
20	53	53	58	58	000-255	White
*	*	*	59	59	000-255	Fine white
*	*	*	*	60	000-255	Dimming 1
*	*	*	*	61	000-255	Fine dimming 1
*	*	54	60	62	000-255	Red 1
*	*	*	61	63	000-255	Fine red 1

*	*	55	62	64	000-255	Green 1
*	*	*	63	65	000-255	Fine green 1
*	*	56	64	66	000-255	Blue 1
*	*	*	65	67	000-255	Fine blue 1
*	*	57	66	68	000-255	White 1
*	*	*	67	69	000-255	Fine white 1
*	*	*	*	70	000-255	Dimming 2
*	*	*	*	71	000-255	Fine dimming 2
*	*	58	68	72	000-255	Red 2
*	*	*	69	73	000-255	Fine red 2
*	*	59	70	74	000-255	Green 2
*	*	*	71	75	000-255	Fine green 2
*	*	60	72	76	000-255	Blue 2
*	*	*	73	77	000-255	Fine blue 2
*	*	61	74	78	000-255	White 2
*	*	*	75	79	000-255	Fine white 2
*	*	*	*	80	000-255	Dimming 3
*	*	*	*	81	000-255	Fine dimming 3
*	*	62	76	82	000-255	Red 3
*	*	*	77	83	000-255	Fine red 3
*	*	63	78	84	000-255	Green 3
*	*	*	79	85	000-255	Fine green 3
*	*	64	80	86	000-255	Blue 3
*	*	*	81	87	000-255	Fine blue 3
*	*	65	82	88	000-255	White 3
*	*	*	83	89	000-255	Fine white 3
*	*	*	*	90	000-255	Dimming 4
*	*	*	*	91	000-255	Fine dimming 4
*	*	66	84	92	000-255	Red 4
*	*	*	85	93	000-255	Fine red 4
*	*	67	86	94	000-255	Green 4
*	*	*	87	95	000-255	Fine green 4

*	*	68	88	96	000-255	Blue 4
*	*	*	89	97	000-255	Fine blue 4
*	*	69	90	98	000-255	White 4
*	*	*	91	99	000-255	Fine white 4
*	*	*	*	100	000-255	Dimming 5
*	*	*	*	101	000-255	Fine dimming 5
*	*	70	92	102	000-255	Red 5
*	*	*	93	103	000-255	Fine red 5
*	*	71	94	104	000-255	Green 5
*	*	*	95	105	000-255	Fine green 5
*	*	72	96	106	000-255	Blue 5
*	*	*	97	107	000-255	Fine blue 5
*	*	73	98	108	000-255	White 5
*	*	*	99	109	000-255	Fine white 5
*	*	*	*	110	000-255	Dimming 6
*	*	*	*	111	000-255	Fine dimming 6
*	*	74	100	112	000-255	Red 6
*	*	*	101	113	000-255	Fine red 6
*	*	75	102	114	000-255	Green 6
*	*	*	103	115	000-255	Fine green 6
*	*	76	104	116	000-255	Blue 6
*	*	*	105	117	000-255	Fine blue 6
*	*	77	106	118	000-255	White 6
*	*	*	107	119	000-255	Fine white 6
*	*	*	*	120	000-255	Dimming 7
*	*	*	*	121	000-255	Fine dimming 7
*	*	78	108	122	000-255	Red 7
*	*	*	109	123	000-255	Fine red 7
*	*	79	110	124	000-255	Green 7
*	*	*	111	125	000-255	Fine green 7
*	*	80	112	126	000-255	Blue 7
*	*	*	113	127	000-255	Fine blue 7

*	*	81	114	128	000-255	White 7
*	*	*	115	129	000-255	Fine white 7
*	*	*	*	130	000-255	Dimming 8
*	*	*	*	131	000-255	Fine dimming 8
*	*	82	116	132	000-255	Red 8
*	*	*	117	133	000-255	Fine red 8
*	*	83	118	134	000-255	Green 8
*	*	*	119	135	000-255	Fine green 8
*	*	84	120	136	000-255	Blue 8
*	*	*	121	137	000-255	Fine blue 8
*	*	85	122	138	000-255	White 8
*	*	*	123	139	000-255	Fine white 8
*	*	*	*	140	000-255	Dimming 9
*	*	*	*	141	000-255	Fine dimming 9
*	*	86	124	142	000-255	Red 9
*	*	*	125	143	000-255	Fine red 9
*	*	87	126	144	000-255	Green 9
*	*	*	127	145	000-255	Fine green 9
*	*	88	128	146	000-255	Blue 9
*	*	*	129	147	000-255	Fine blue 9
*	*	89	130	148	000-255	White 9
*	*	*	131	149	000-255	Fine white 9
*	*	*	*	150	000-255	Dimming 10
*	*	*	*	151	000-255	Fine dimming 10
*	*	90	132	152	000-255	Red 10
*	*	*	133	153	000-255	Fine red 10
*	*	91	134	154	000-255	Green 10
*	*	*	135	155	000-255	Fine green 10
*	*	92	136	156	000-255	Blue 10
*	*	*	137	157	000-255	Fine blue 10
*	*	93	138	158	000-255	White 10

*	*	*	139	159	000-255	Fine white 10
*	*	*	*	160	000-255	Dimming 11
*	*	*	*	161	000-255	Fine dimming 11
*	*	94	140	162	000-255	Red 11
*	*	*	141	163	000-255	Fine red 11
*	*	95	142	164	000-255	Green 11
*	*	*	143	165	000-255	Fine green 11
*	*	96	144	166	000-255	Blue 11
*	*	*	145	167	000-255	Fine blue 11
*	*	97	146	168	000-255	White 11
*	*	*	147	169	000-255	Fine white 11
*	*	*	*	170	000-255	Dimming 12
*	*	*	*	171	000-255	Fine dimming 12
*	*	98	148	172	000-255	Red 12
*	*	*	149	173	000-255	Fine red 12
*	*	99	150	174	000-255	Green 12
*	*	*	151	175	000-255	Fine green 12
*	*	100	152	176	000-255	Blue 12
*	*	*	153	177	000-255	Fine blue 12
*	*	101	154	178	000-255	White 12
*	*	*	155	179	000-255	Fine white 12

169A/ 169BCH

169ACH	169BCH	The channel value	Function
2	*	000-255	Tilt-speed (Tilt-mode speed)
3	*	000-255	Tilt macro
4	*	000-255	CTC
5	*	000-255	Color macro
6	*	000-255	macro
7	*	000-255	LED built-in

8	*	000-255	LED built-in speed
9	*	000-255	LED built-in deplay from fast to slow
10	*	000-255	Background color(33-35CH is active when 30CH is at a value)
11	*	000-255	Background color dimming
12	*	000-255	Background color fine dimming
13	*	000-255	Strobe
14	1	000-255	Tilt 1
15	2	000-255	Fine tilt 1
16	3	000-255	Zoom 1
17	4	000-255	Dimming 1
18	5	000-255	Fine dimming 1
*	6	000-255	Strobe 1
19	7	000-255	Red 1
20	8	000-255	Fine red 1
21	9	000-255	Green 1
22	10	000-255	Fine green 1
23	11	000-255	Blue 1
24	12	000-255	Fine blue 1
25	13	000-255	White 1
26	14	000-255	Fine white 1
27	15	000-255	Tilt 2
28	16	000-255	Fine tilt 2
29	17	000-255	Zoom 2
30	18	000-255	Dimming 2
31	19	000-255	Fine dimming 2
*	20	000-255	Strobe 2
32	21	000-255	Red 2
33	22	000-255	Fine red 2

34	23	000-255	Green 2
35	24	000-255	Fine green 2
36	25	000-255	Blue 2
37	26	000-255	Fine blue 2
38	27	000-255	White 2
39	28	000-255	Fine white 2
40	29	000-255	Tilt 3
41	30	000-255	Fine tilt 3
42	31	000-255	Zoom 3
43	32	000-255	Dimming 3
44	33	000-255	Fine dimming 3
*	34	000-255	Strobe 3
45	35	000-255	Red 3
46	36	000-255	Fine red 3
47	37	000-255	Green 3
48	38	000-255	Fine green 3
49	39	000-255	Blue 3
50	40	000-255	Fine blue 3
51	41	000-255	White 3
52	42	000-255	Fine white 3
53	43	000-255	Tilt 4
54	44	000-255	Fine tilt 4
55	45	000-255	Zoom 4
56	46	000-255	Dimming 4
57	47	000-255	Fine dimming 4
*	48	000-255	Strobe 4
58	49	000-255	Red 4
59	50	000-255	Fine red 4
60	51	000-255	Green 4
61	52	000-255	Fine green 4

62	53	000-255	Blue 4
63	54	000-255	Fine blue 4
64	55	000-255	White 4
65	56	000-255	Fine white 4
66	57	000-255	Tilt 5
67	58	000-255	Fine tilt 5
68	59	000-255	Zoom 5
69	60	000-255	Dimming 5
70	61	000-255	Fine dimming 5
*	62	000-255	Strobe 5
71	63	000-255	Red 5
72	64	000-255	Fine red 5
73	65	000-255	Green 5
74	66	000-255	Fine green 5
75	67	000-255	Blue 5
76	68	000-255	Fine blue 5
77	69	000-255	White 5
78	70	000-255	Fine white 5
79	71	000-255	Tilt 6
80	72	000-255	Fine tilt 6
81	73	000-255	Zoom 6
82	74	000-255	Dimming 6
83	75	000-255	Fine dimming 6
*	76	000-255	Strobe 6
84	77	000-255	Red 6
85	78	000-255	Fine red 6
86	79	000-255	Green 6
87	80	000-255	Fine green 6
88	81	000-255	Blue 6
89	82	000-255	Fine blue 6
90	83	000-255	White 6
91	84	000-255	Fine white 6

92	85	000-255	Tilt 7
93	86	000-255	Fine tilt 7
94	87	000-255	Zoom 7
95	88	000-255	Dimming 7
96	89	000-255	Fine dimming 7
*	90	000-255	Strobe 7
97	91	000-255	Red 7
98	92	000-255	Fine red 7
99	93	000-255	Green 7
100	94	000-255	Fine green 7
101	95	000-255	Blue 7
102	96	000-255	Fine blue 7
103	97	000-255	White 7
104	98	000-255	Fine white 7
105	99	000-255	Tilt 8
106	100	000-255	Fine tilt 8
107	101	000-255	Zoom 8
108	102	000-255	Dimming 8
109	103	000-255	Fine dimming 8
*	104	000-255	Strobe 8
110	105	000-255	Red 8
111	106	000-255	Fine red 8
112	107	000-255	Green 8
113	108	000-255	Fine green 8
114	109	000-255	Blue 8
115	110	000-255	Fine blue 8
116	111	000-255	White 8
117	112	000-255	Fine white 8
118	113	000-255	Tilt 9
119	114	000-255	Fine tilt 9
120	115	000-255	Zoom 9
121	116	000-255	Dimming 9

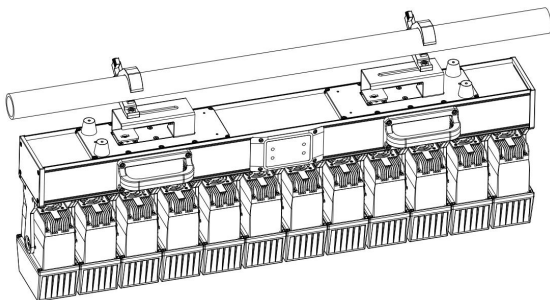
122	117	000-255	Fine dimming 9
*	118	000-255	Strobe 9
123	119	000-255	Red 9
124	120	000-255	Fine red 9
125	121	000-255	Green 9
126	122	000-255	Fine green 9
127	123	000-255	Blue 9
128	124	000-255	Fine blue 9
129	125	000-255	White 9
130	126	000-255	Fine white 9
131	127	000-255	Tilt 10
132	128	000-255	Fine tilt 10
133	129	000-255	Zoom 10
134	130	000-255	Dimming 10
135	131	000-255	Fine dimming 10
*	132	000-255	Strobe 10
136	133	000-255	Red 10
137	134	000-255	Fine red 10
138	135	000-255	Green 10
139	136	000-255	Fine green 10
140	137	000-255	Blue 10
141	138	000-255	Fine blue 10
142	139	000-255	White 10
143	140	000-255	Fine white 10
144	141	000-255	Tilt 11
145	142	000-255	Fine tilt 11
146	143	000-255	Zoom 11
147	144	000-255	Dimming 11
148	145	000-255	Fine dimming 11
*	146	000-255	Strobe 11
149	147	000-255	Red 11
150	148	000-255	Fine red 11

151	149	000-255	Green 11
152	150	000-255	Fine green 11
153	151	000-255	Blue 11
154	152	000-255	Fine blue 11
155	153	000-255	White 11
156	154	000-255	Fine white 11
157	155	000-255	Tilt 12
158	156	000-255	Fine tilt 12
159	157	000-255	Zoom 12
160	158	000-255	Dimming 12
161	159	000-255	Fine dimming 12
*	160	000-255	Strobe 12
162	161	000-255	Red 12
163	162	000-255	Fine red 12
164	163	000-255	Green 12
165	164	000-255	Fine green 12
166	165	000-255	Blue 12
167	166	000-255	Fine blue 12
168	167	000-255	White 12
169	168	000-255	Fine white 12
1	169	000-005	No function
		006-029	Warm white 1-24
		030-053	Cold white 1-24
		054-055	Line 1 warm white(1-12)
		056-057	Line 2 warm white(13-24)
		058-059	Line 1 cold white(1-12)
		060-061	Line 2 cold white(13-24)
		062-069	No function
		070-074	All reset
		075-134	No function
		135-139	Dimming fast
		140-144	Dimming smooth

	145-149	Dimming curve: linear
	150-154	Dimming curve: Square
	155-159	Dimming curve: I Square
	160-164	Dimming curve: S-Curve
	165-174	No function
	175-179	PWM 600Hz
	180-184	PWM 1200Hz
	185-189	PWM 2000Hz
	190-194	PWM 4000Hz
	195-199	PWM 6000Hz
	200-204	PWM 15000Hz
	205	Warm white
	206	Cold white
	207	Warm white and cold white
	208-219	Warm white 1-12
	220-231	Cold white 1-12
	231-255	WW+CW effect and speed

6. Installation

6.1 Mounting & Rigging



Mounting & Rigging

- Attach Mounting Hardware

Install the 2 × ¼-turn quick-lock Omega brackets to the base, then secure suitable rated C- or O-clamps to the brackets.

- Position and Rig the Fixture

Mount the fixture onto a stable truss or structure using clamps rated to hold at least 10× the fixture's weight.

Always lift the fixture using the handles—not the clamps.

- Install the Safety Cable

Run the safety cable through the two safety-cable holes on the base and secure it to an independent safety point.

Ensure the safety cable is rated for 10× the fixture's weight.

- Ensure Ventilation

Verify that fans and ventilation openings are unobstructed and that sufficient space is available around the fixture.

- Lock / Unlock Pan & Tilt

Lock Pan and Tilt before moving the fixture.

Unlock them before powering on.

Never operate the fixture while Pan/Tilt is locked.

- Final Stability Check

Ensure all clamps, screws, and safety cable connections are firmly secured, and confirm the mounting structure can support the fixture’s weight.

6.2 Power connection

Please checking the power equipment supported.

Please put the plug of power source wire connect with the main power source .

(EU)Wire	Wire(America)	Direction of wire	General marks
Brown	Black	Live	L
Light blue	White	Neutral	N
Yellow/Green	Green	Earth	

6.3 DMX Control Connection

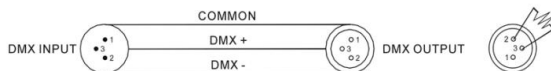
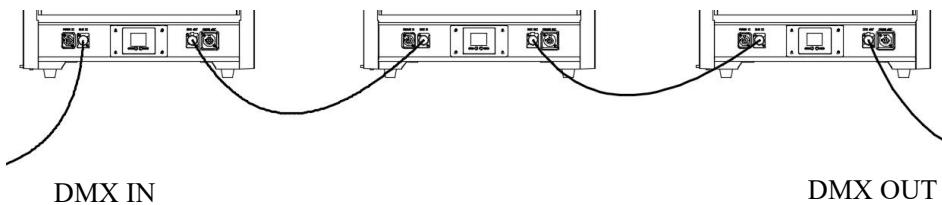
This fixture supports DMX512 (1990) control protocol and is equipped with 3-pin XLR connectors for data input and output. Use a twin-screened DMX cable with conductors of at least 0.5 mm² , ensuring correct wiring for the selected connector type.

Connect the controller’s DMX OUT to the first fixture’s DMX IN, then link fixtures DMX OUT → DMX IN in a daisy-chain. For optimal signal integrity, install a **DMX terminator** on the DMX OUT of the final fixture.

Ensure no pin makes contact with the connector housing or other pins.

Before use, test cables with an ohm meter to verify correct polarity and to ensure no pins or shield are shorted to ground, as this may result in data errors or unstable operation.

For convenience, connect fixtures in the physical order they are installed, rather than by DMX address sequence.



7. Maintenance & Cleaning

Regular maintenance is essential to ensure optimal performance and extend the service life of the fixture.

7.1 Cleaning

Disconnect the unit from power before any cleaning work.

Use a soft, lint-free cloth slightly dampened with mild detergent to clean the exterior surfaces.

Gently remove dust from ventilation slots, optical lenses, and cooling components using compressed air or a soft brush.

Avoid using solvents, alcohol, or abrasive materials that may damage the housing or optical elements.

7.2 Lubrication

This fixture is designed with sealed or maintenance-free moving parts. Under normal operating conditions, no additional lubrication is required.

If abnormal noise or movement resistance is observed, contact qualified service personnel before applying any lubricant.

7.3 Troubleshooting

If the fixture does not power on, verify the power supply, cables, and connectors.

For control issues, check DMX addressing, cable integrity, and ensure proper 3-pin/5-pin XLR connections.

Overheating or unexpected shutdown may indicate blocked ventilation; inspect and clean air inlets and outlets.

If problems persist after basic checks, discontinue use and contact authorized service technicians.



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