

BSL LIGHTING

PURE LUX
Manual



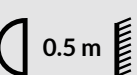
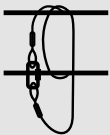
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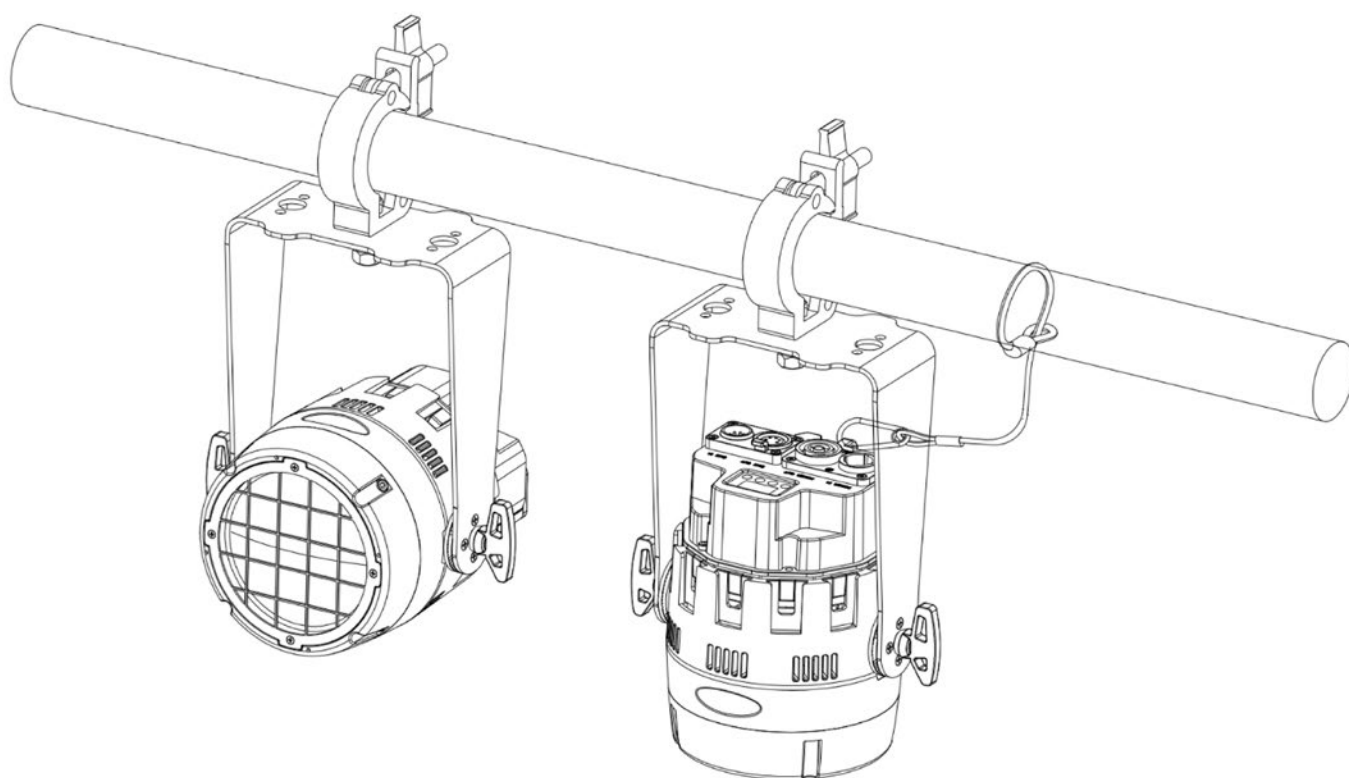
THANK YOU FOR PURCHASING OUR PRODUCTS

Every unit has been thoroughly tested and has been shipped in perfect operating condition. Carefully check the outer and inner packaging for damage that may have occurred during shipping. If the carton appears to be damaged, carefully inspect your fixture for any damage and be sure all accessories necessary to operate the unit have arrived intact. In case damage has been found or parts are missing, please contact the distributor or your dealer for further instructions. Do not return this unit to your dealer without first contacting them.

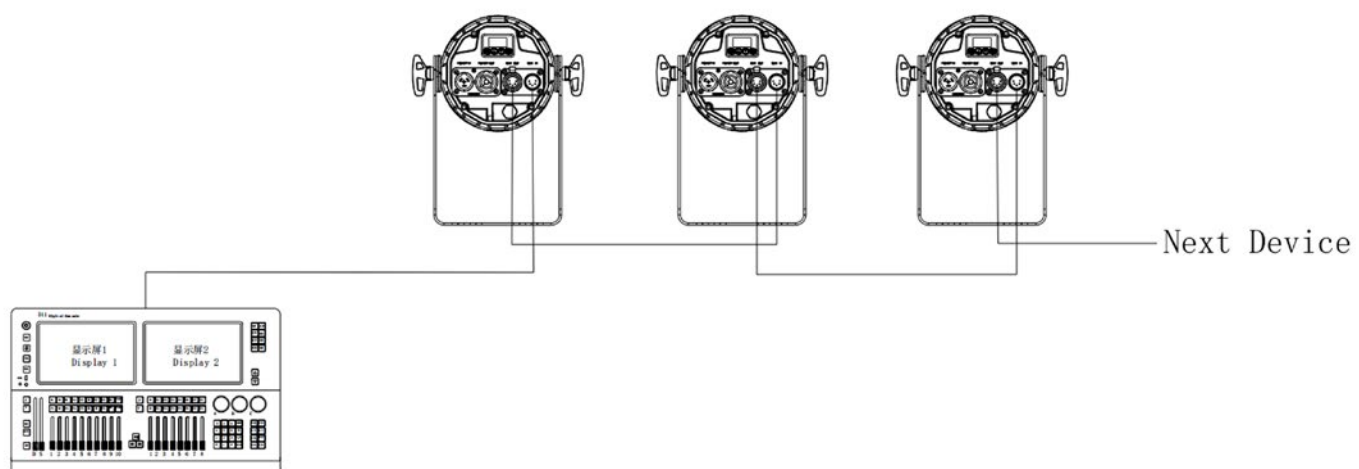
2. SAFETY INFORMATION

	Before operating this unit, please carefully read this manual and keep for usage in the future. It is necessary to respect the following rules.
	Disposal of the device after its life cycle can damage the environment. Take it to a recycling company or return it to the authorized dealer.
	The products referred to in this manual conform to the guidelines of the European Community and are therefore marked with the CE logo.
	Keep this device away from children and unauthorized users. The dealer is not liable for damage as a result of ignoring the information in this manual and incorrect operation.
	Before operating this unit, please make sure the housing is in good condition and ensure pan and tilt can rotate in full range.
	Ensure that a minimum distance of 0.5 m is maintained between the fixture and any flammable material.
	The device can only function with 100-240v voltage, 50 / 60Hz power. Do not connect to any other power supply. Disconnect the device from the power supply before opening it or before maintenance.
IP65	For outdoor events.
	Never look directly into the projecting lens when the fixture is switched on. The light can cause epileptic seizures in light-sensitive people or people with epilepsy. Extreme caution and compliance with these safety instructions are required, especially with beam effects.
	Do not place or install the device on a surface that is exposed to vibration or any movement.
-15°C +45°C	The device should operate in temperature range -15 °C and + 45 °C. Do not use the device if the temperature exceeds this range.
	The lens shield must be replaced if it is broken. Never use the device if the shield is not fully closed.
	Safety I class device must be earthed.
	When the fixture is mounted overhead, the safety rope must be attached to the correct mounting location on the bottom of the device.
	Please note that damage caused by manual changes to the device is not covered by the warranty.
	If possible, recycle all packaging material.

3. LUMINAIRE STRUCTURE AND INSTALLATION



DMX connection



- In order to reduce signal errors and avoid signal weakening and interference during transmission, A 120 ohm 1/4W resistor can be added between core 2 and core 3 at the DMX output of the last machine (terminator).
- Connect the luminaire with XLR signal wire, one end is connected to the output outlet of the luminaire. The other end is connected to the input port of the next lamp. Signal lines can only be used in series, not in parallel.

Because the DMX512 signal transmission uses a fast speed, when the signal line is damaged, the welding not strong, the contact is not good, etc. This will affect the signal transmission, resulting in the system shut down.

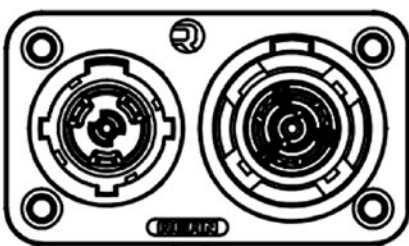
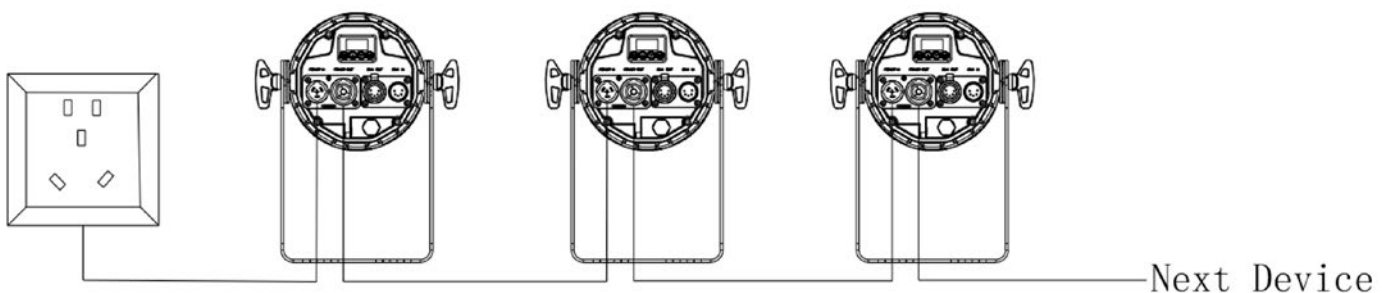
- When the machine power supply of a unit is disconnected, the DMX output and input are connected by by-pass. In order to maintain DMX line connectivity.
- Each light should have an address code and be able to receive information from the console.

4. DMX ADDRESS CODE SETTINGS

Channel	Address	1st Address	2nd Address	3rd Address	4th Address
1CH	001-001	001	002	003	004
5CH	001-005	001	006	011	016
8CH	001-008	001	009	017	025
12CH	001-012	001	013	025	037
17CH	001-017	001	018	036	053

(refer to the image above) Number of lamps added from the 4th;
Address code according to the channel, push in turn

5. CABLE CONNECTION

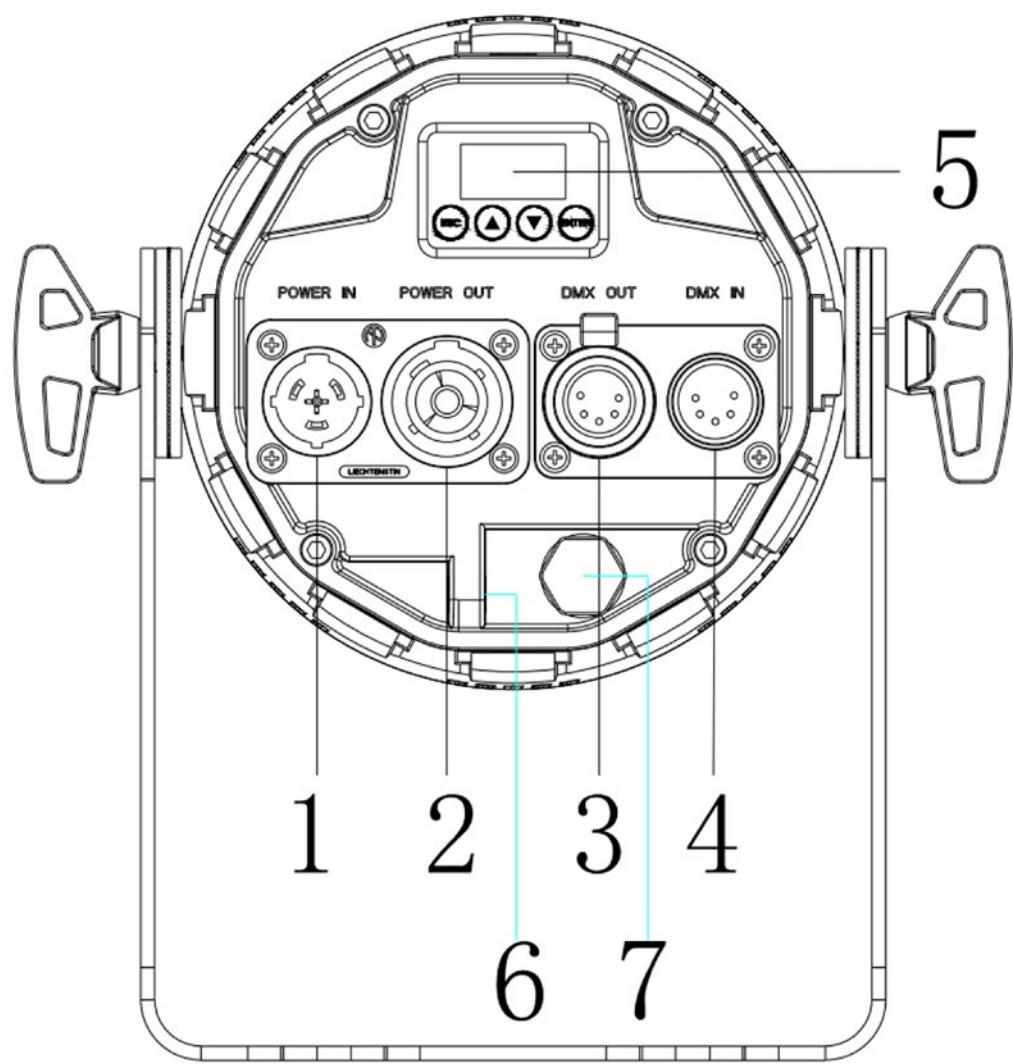


This product uses TR1 power in/out.
Connect the power cord hand-in-hand
Note: Link up to 7 (230V) or up to 3 (110V)
Fixtues when using 1.5mm² power cable.



Do not connect too many lamps with a single power cord, this will overload the maximum power. Do not use the power cord whose insulation layer has been damaged, and do not put the power cord on other wires. When the lamp is not in use or being cleaned, please remove the power cord. Do not drag the fixture by the power cord.

6. CONTROL PANEL



- 1. POWER input: IP65 waterproof POWER TR1 IN the power cord input voltage: 100-240V 50/60HZ
- 2. POWER output: IP65 waterproof POWER TR1 OUT power connection line output voltage: 100-240V 50/60HZ
- 3. DMX output: IP65 5-core DMX OUT waterproof signal line input
- 4. DMX input: IP65 5-core DMX IN waterproof signal line output
- 5. Menu control panel
- 6. Safety Eye
- 7. Breather valve

Panel function operation table

Features	Instructions	Function description	Function
ESC (function key)	Menu selection	Go to the menu selection function	Menu Operation
↑ (top key)	Up.	Go to the previous option	Change parameters Increase
↓ (down key)	Down	Go to the latter option	Change parameter Reduce
ENTER (confirm key)	Confirm	Confirm the selected function	Save the final parameters

7. MAIN MENU

Access the Main menu Password: **8888**

Level 1 Menu	Secondary menu	Third level menu	Level 4 Menu
1. DMX Address	001-512		
	Cancel		
	Confirm		
2. DMX channel pattern Channel Mode	1 CH Blinder (DWE only)		
	5 CH Broadcast		
	8 CH Stage		
	12 CH Theater		
	17 CH Theater+		
3. Manual control Stand Alone	Stop Stand Alone		
	Auto Effects	Color off	
		Built-in program 1 Effect1	
		Built-in program 2 Effect2	
		Built-in program 3 Effect3	
		Built-in program 4 Effect4	
		Built-in program 5 Effect5	
		Built-in program 6 Effect6	
		Built-in program 7 Effect7	
		Built-in program 8 Effect8	
		Built-in program 9 Effect9	
		Built-in program 10 Effect10	
	Color macros Color Macro	Color macro off	
		Dimmer	
		Color macros	
	Quick Light up Quick color	Dimmer	
		Strobe Shutter	
		Red Red	
		Green Green	
		Blue Blue	
		Amber	
		White White	
	Temperature CCT	Dimmer	
		Strobe Shutter	
		Color temperature CCT	
		Red and green Tint	
	Custom color User Color	Color 1 Color 1	
		Color 2 Color 2	
		Color 3 Color 3	
		Color 4 Color 4	
		Color 5 Color 5	
	Color Settings Color Settings	Calibration mode Calibration Mode	
		Solid Color Mode RAW	
4. Master/Slave mode	Host mode Master		
	Slave mode Slave		

Level 1 Menu	Secondary menu	Third level menu	Level 4 Menu
5. Light fixture setup Settings	Display Settings Display	Displays Flip	off on
		Backlight auto off	off on
		Screen Auto lock (Pass need to be enabled manually)	off on
	Boot mode Startup Mode	DMX	
		Auto FX	
		Color Macro	
		Quick Color	
		Tunable White	
		User color	
	DMX Fail	Hold (Last value)	
		Blackout	
		Full Light Emergency Light	
	White Balance RAW Balance	White Balance RAW	
		User defined User Calibrated	
	Dimming frequency LED Frequency	800Hz	
		1200Hz	
		2000Hz	
		3600Hz	
		12000Hz	
		25000Hz	
	Fan mode Fan	Auto	
		Quiet	
		Fan Off	
		Max RPM Max Power	
	Transmission Settings Transfer Setting	Transfer DMX Including ADDR	
		Transfer DMX Without ADDR	
	Power Settings Power Setting	Low power for continues Illumination	
		High power for Boost Illumination	
	Factory setup Factory	Restore to Factory default	
		Restore to user-defined default	
		User Custom List User Reset List	
6. Language (Language)	Chinese		
	English		
7. Password lock Password	OFF	Password :8888	
	ON		
8. Light fixture information System Info	Software Version	Display Display board V1.....	
		Driver Driver V3.0	
	Series Code	202407270001	
	RDM Code RDM ID	0x0114H-0C3A0834	
	Temperature Info Temperature	LED1:000	
	Fan Speed Fan speed	*****	
	Power on Time Power on time	Total:0000hours	
	Lights LED on Time	LED1:0000hours	
	An error message or Warning is displayed	"None"	

Note:

1. Only one machine can be set as the host in the same signal line. Please remove the DMX control signal when using the host function
2. For synchronous control of multiple lamps, settings can be transferred from the host to others . Parameters include: DMX address, channel mode, display settings, operating mode (including user program data). For parameter transfer, please set the fixture as the host, other machines set as the slave machine

8. DMX CHART

CH	1 CH Blinder	5 CH Broadcast	8 CH Stage	12 CH Theater	17 CH Theater+
1	DWE	Dimmer	Dimmer	Dimmer	Dimmer
2		Dimmer fine	Shutter	Dimmer fine	Dimmer fine
3		CTC	Red	Shutter	Shutter
4		Tint	Green	Red	Red
5		Control	Blue	Green	Red Fine
6			White	Blue	Green
7			Amber	White	Green Fine
8			DWE	Amber	Blue
9				DWE	Blue Fine
10				CTC	White
11				Tint	White Fine
12				Control	Amber
13					Amber Fine
14					DWE
15					CTC
16					Tint
17					Control

5 CH Broadcast				
CH	Function	Value	Setting	Remark
1	Dimmer	000-255	0-100%	
2	Dimmer fine	000-255	0-100%	
3	CTC	000-255	0-100%	See CTC chart
4	Tint	000-255	0-100%	
5	Control	000-029	No function	
		030-034	Display Backlight On (hold 3s)	
		035-039	Display Backlight Off (hold 3s)	
		040-044	No function	
		045-049	DMX Fail Blackout (hold 3s)	
		050-054	DMX Fail Hold (hold 3s)	
		055-059	DMX Fail - Emergency Light (hold 3s)	
		060-064	No function	
		065-069	Linear Dimmer Curve (hold 1,5s)	
		070-074	Exponential Dimmer Curve (hold 1,5s)	
		075-079	Logarithmic Dimmer Curve (hold 1,5s)	
		080-084	S-curve Dimmer Curve (hold 1,5s)	
		085-089	No function	
		090-094	LED (Fast) Dimmer Response (hold 1,5s)	

5 CH Broadcast				
CH	Function	Value	Setting	Remark
5	Control	095-099	Medium Dimmer Response (hold 1,5s)	
		100-104	Halogen (Slow) Dimmer Response (hold 1,5s)	
		105-109	No function	
		110-114	Redshift On (hold 1,5s/affects only between 2700-3500K)	
		115-119	Redshift Off (hold 1,5s)	
		120-124	No function	
		125-129	Full Calibration (Colors & CCT / hold 3s)	
		130-134	CCT Calibration (RAW Colors / hold 3s)	
		135-139	No function	
		140-144	LED Frequency 800Hz (hold 3s)	
		145-149	LED Frequency 1200Hz (hold 3s)	
		150-154	LED Frequency 2000Hz (hold 3s)	
		155-159	LED Frequency 3600Hz (hold 3s)	
		160-164	LED Frequency 12KHz (hold 3s)	
		165-169	LED Frequency 25KHz (hold 3s)	
		170-174	No function	
		175-179	Fan Auto (hold 3s)	
		180-184	Fan Silent (hold 3s)	
		185-189	Fan Off (hold 3s)	
		190-194	Fan High Power (hold 3s)	
		195-199	No function	
		200-214	Invert Mapping Off (hold 3s)	
		215-219	Invert Mapping On (hold 3s)	
		220-224	No function	
		225-229	LED Mode - Illumination (hold 1,5s)	
		230-234	LED Mode - Boost (hold 1,5s)	
		235-239	No function	
		240-244	Factory Reset (hold 3s)	
		245-249	User Reset (hold 3s)	
		250-255	No function	

8 CH Broadcast				
CH	Function	Value	Setting	Remark
1	Dimmer	000-255	0-100%	
2	Shutter	000-019	Shutter close	
		020-024	Shutter open	
		025-064	Strobe 1 (fast → slow)	
		065-069	Shutter open	
		070-084	Strobe 2: opening pulse (fast slow)	
		085-089	Shutter open	
		090-104	Strobe 3: closing pulse (fast slow)	
		105-109	Shutter open	
		110-124	Strobe 4: random strobe (fast slow)	
		125-129	Shutter open	
		130-144	Strobe 5: random opening pulse (fast slow)	
		145-149	Shutter open	
		150-164	Strobe 6: random closing pulse (fast slow)	
		165-169	Shutter open	

8 CH Broadcast				
2	Shutter	170-184	Strobe 7: burst pulse (fast slow)	
		185-189	Shutter open	
		190-204	Strobe 8: random burst pulse (fast slow)	
		205-209	Shutter open	
		210-224	Strobe 9: sine wave (fast slow)	
		225-229	Shutter open	
		230-244	Strobe 10: burst (fast slow)	
		245-255	Shutter open	
3	Red	000-255	0-100%	
4	Green	000-255	0-100%	
5	Blue	000-255	0-100%	
6	White	000-255	0-100%	
7	Amber	000-255	0-100%	
8	DWE	000-255	0-100%	

12 CH Theater				
CH	Function	Value	Setting	Remark
1	Dimmer	000-255	0-100%	
2	Dimmer fine	000-255	0-100%	
3	Shutter	000-019	Shutter close	
		020-024	Shutter open	
		025-064	Strobe 1 (fast $\rightarrow$ slow)	
		065-069	Shutter open	
		070-084	Strobe 2: opening pulse (fast slow)	
		085-089	Shutter open	
		090-104	Strobe 3: closing pulse (fast slow)	
		105-109	Shutter open	
		110-124	Strobe 4: random strobe (fast slow)	
		125-129	Shutter open	
		130-144	Strobe 5: random opening pulse (fast slow)	
		145-149	Shutter open	
		150-164	Strobe 6: random closing pulse (fast slow)	
		165-169	Shutter open	
		170-184	Strobe 7: burst pulse (fast slow)	
		185-189	Shutter open	
		190-204	Strobe 8: random burst pulse (fast slow)	
		205-209	Shutter open	
		210-224	Strobe 9: sine wave (fast slow)	
		225-229	Shutter open	
		230-244	Strobe 10: burst (fast slow)	
		245-255	Shutter open	
4	Red	000-255	0-100%	
5	Green	000-255	0-100%	
6	Blue	000-255	0-100%	
7	White	000-255	0-100%	
8	Amber	000-255	0-100%	
9	DWE	000-255	0-100%	
10	CTC	000-255	0-100%	See CTC Chart

12 CH Theater				
11	Tint	000	no function	
		000-127	Magenta -> Neutral	
		128-128	Neutral	
		129-255	Neutral -> Green	
12	Control	000-029	No function	
		030-034	Display Backlight On (hold 3s)	
		035-039	Display Backlight Off (hold 3s)	
		040-044	No function	
		045-049	DMX Fail Blackout (hold 3s)	
		050-054	DMX Fail Hold (hold 3s)	
		055-059	DMX Fail - Emergency Light (hold 3s)	
		060-064	No function	
		065-069	Linear Dimmer Curve (hold 1,5s)	
		070-074	Exponential Dimmer Curve (hold 1,5s)	
		075-079	Logarithmic Dimmer Curve (hold 1,5s)	
		080-084	S-curve Dimmer Curve (hold 1,5s)	
		085-089	No function	
		090-094	LED (Fast) Dimmer Response (hold 1,5s)	
		095-099	Medium Dimmer Response (hold 1,5s)	
		100-104	Halogen (Slow) Dimmer Response (hold 1,5s)	
		105-109	No function	
		110-114	Redshift On (hold 1,5s/affects only between 2700-3500K)	
		115-119	Redshift Off (hold 1,5s)	
		120-124	No function	
		125-129	Full Calibration (Colors & CCT / hold 3s)	
		130-134	CCT Calibration (RAW Colors / hold 3s)	
		135-139	No function	
		140-144	LED Frequency 800Hz (hold 3s)	
		145-149	LED Frequency 1200Hz (hold 3s)	
		150-154	LED Frequency 2000Hz (hold 3s)	
		155-159	LED Frequency 3600Hz (hold 3s)	
		160-164	LED Frequency 12KHz (hold 3s)	
		165-169	LED Frequency 25KHz (hold 3s)	
		170-174	No function	
		175-179	Fan Auto (hold 3s)	
		180-184	Fan Silent (hold 3s)	
		185-189	Fan Off (hold 3s)	
		190-194	Fan High Power (hold 3s)	
		195-199	No function	
		200-214	Invert Mapping Off (hold 3s)	
		215-219	Invert Mapping On (hold 3s)	
		220-224	No function	
		225-229	LED Mode - Illumination (hold 1,5s)	
		230-234	LED Mode - Boost (hold 1,5s)	
		235-239	No function	
		240-244	Factory Reset (hold 3s)	
		245-249	User Reset (hold 3s)	
		250-255	No function	

17 CH Theater+				
CH	Function	Value	Setting	Remark
1	Dimmer	000-255	0-100%	
2	Dimmer fine	000-255	0-100%	
3	Shutter	000-019	Shutter close	
		020-024	Shutter open	
		025-064	Strobe 1 (fast → slow)	
		065-069	Shutter open	
		070-084	Strobe 2: opening pulse (fast slow)	
		085-089	Shutter open	
		090-104	Strobe 3: closing pulse (fast slow)	
		105-109	Shutter open	
		110-124	Strobe 4: random strobe (fast slow)	
		125-129	Shutter open	
		130-144	Strobe 5: random opening pulse (fast slow)	
		145-149	Shutter open	
		150-164	Strobe 6: random closing pulse (fast slow)	
		165-169	Shutter open	
		170-184	Strobe 7: burst pulse (fast slow)	
		185-189	Shutter open	
		190-204	Strobe 8: random burst pulse (fast slow)	
		205-209	Shutter open	
		210-224	Strobe 9: sine wave (fast slow)	
		225-229	Shutter open	
		230-244	Strobe 10: burst (fast slow)	
		245-255	Shutter open	
4	Red	000-255	0-100%	
5	Red Fine	000-255	0-100%	
6	Green	000-255	0-100%	
7	Green Fine	000-255	0-100%	
8	Blue	000-255	0-100%	
9	Blue Fine	000-255	0-100%	
10	White	000-255	0-100%	
11	White Fine	000-255	0-100%	
12	Amber	000-255	0-100%	
13	Amber Fine	000-255	0-100%	
14	DWE	000-255	0-100%	
15	CTC	000-255	0-100%	See CTC Chart
16	Tint	000	no function	
		000-127	Magenta -> Neutral	
		128-128	Neutral	
		129-255	Neutral -> Green	
17	Control	000-029	No function	
		030-034	Display Backlight On (hold 3s)	
		035-039	Display Backlight Off (hold 3s)	
		040-044	No function	
		045-049	DMX Fail Blackout (hold 3s)	
		050-054	DMX Fail Hold (hold 3s)	
		055-059	DMX Fail - Emergency Light (hold 3s)	

17 CH Theater+

17	Control	060-064	No function	
		065-069	Linear Dimmer Curve (hold 1,5s)	
		070-074	Exponential Dimmer Curve (hold 1,5s)	
		075-079	Logarithmic Dimmer Curve (hold 1,5s)	
		080-084	S-curve Dimmer Curve (hold 1,5s)	
		085-089	No function	
		090-094	LED (Fast) Dimmer Response (hold 1,5s)	
		095-099	Medium Dimmer Response (hold 1,5s)	
		100-104	Halogen (Slow) Dimmer Response (hold 1,5s)	
		105-109	No function	
		110-114	Redshift On (hold 1,5s/affects only between 2700-3500K)	
		115-119	Redshift Off (hold 1,5s)	
		120-124	No function	
		125-129	Full Calibration (Colors & CCT / hold 3s)	
		130-134	CCT Calibration (RAW Colors / hold 3s)	
		135-139	No function	
		140-144	LED Frequency 800Hz (hold 3s)	
		145-149	LED Frequency 1200Hz (hold 3s)	
		150-154	LED Frequency 2000Hz (hold 3s)	
		155-159	LED Frequency 3600Hz (hold 3s)	
		160-164	LED Frequency 12KHz (hold 3s)	
		165-169	LED Frequency 25KHz (hold 3s)	
		170-174	No function	
		175-179	Fan Auto (hold 3s)	
		180-184	Fan Silent (hold 3s)	
		185-189	Fan Off (hold 3s)	
		190-194	Fan High Power (hold 3s)	
		195-199	No function	
		200-214	Invert Mapping Off (hold 3s)	
		215-219	Invert Mapping On (hold 3s)	
		220-224	No function	
		225-229	LED Mode - Illumination (hold 1,5s)	
		230-234	LED Mode - Boost (hold 1,5s)	
		235-239	No function	
		240-244	Factory Reset (hold 3s)	
		245-249	User Reset (hold 3s)	
		250-255	No function	

CTC Chart

Value	Percent/Setting					
000-004	No function					
005-009	2000K	R=255	G=71	B=7	W=32	A=255
010-014	2100K	R=255	G=81	B=8	W=37	A=255
015-019	2200K	R=255	G=91	B=9	W=40	A=255
020-024	2300K	R=255	G=100	B=11	W=45	A=255
025-029	2400K	R=255	G=113	B=13	W=55	A=255
030-034	2500K	R=255	G=123	B=15	W=74	A=255
035-039	2600K	R=255	G=134	B=17	W=94	A=255
040-044	2700K	R=255	G=145	B=19	W=114	A=255
045-049	2800K	R=255	G=158	B=22	W=154	A=255
050-054	2900K	R=255	G=172	B=26	W=178	A=255
055-059	3000K	R=255	G=183	B=29	W=208	A=255
060-064	3100K	R=255	G=200	B=36	W=224	A=255
065-069	3200K	R=237	G=211	B=42	W=255	A=251
070-074	3300K	R=224	G=221	B=46	W=255	A=249
075-079	3400K	R=218	G=231	B=49	W=255	A=246
080-084	3500K	R=208	G=236	B=51	W=255	A=236
085-089	3600K	R=195	G=246	B=54	W=255	A=229
090-094	3700K	R=193	G=255	B=59	W=225	A=225
095-099	3800K	R=187	G=255	B=70	W=255	A=222
100-104	3900K	R=165	G=255	B=73	W=255	A=220
105-109	4000K	R=157	G=255	B=77	W=255	A=208
110-114	4100K	R=141	G=255	B=79	W=225	A=206
115-119	4200K	R=130	G=255	B=81	W=255	A=196
120-124	4300K	R=120	G=255	B=84	W=255	A=191
125-129	4400K	R=110	G=255	B=87	W=255	A=181
130-134	4500K	R=110	G=255	B=89	W=255	A=179
135-139	4600K	R=100	G=255	B=92	W=255	A=169
140-144	4700K	R=97	G=255	B=96	W=255	A=168
145-149	4800K	R=97	G=255	B=97	W=255	A=164
150-154	4900K	R=87	G=255	B=100	W=255	A=155
155-159	5000K	R=84	G=255	B=101	W=255	A=154
160-164	5100K	R=74	G=255	B=105	W=255	A=153
165-169	5200K	R=70	G=255	B=107	W=255	A=152
170-174	5300K	R=67	G=255	B=109	W=255	A=142
175-179	5400K	R=67	G=255	B=110	W=255	A=142
180-184	5500K	R=67	G=255	B=114	W=255	A=132
185-189	5600K	R=67	G=255	B=115	W=255	A=126
190-194	5700K	R=67	G=255	B=117	W=255	A=122
195-199	5800K	R=65	G=255	B=119	W=255	A=120
200-204	5900K	R=63	G=255	B=120	W=255	A=118
205-209	6000K	R=59	G=255	B=121	W=255	A=115
210-214	6300K	R=59	G=255	B=121	W=255	A=94
215-219	6500K	R=59	G=255	B=123	W=255	A=84
220-224	7000K	R=49	G=255	B=129	W=255	A=74
225-229	7300K	R=42	G=255	B=133	W=255	A=66
230-234	7500K	R=42	G=255	B=134	W=255	A=63

CTC Chart

Value	Percent/Setting					
235-239	8000K	R=41	G=255	B=141	W=255	A=57
240-243	8500K	R=38	G=255	B=148	W=255	A=55
244-247	9000K	R=38	G=255	B=152	W=255	A=50
248-251	9500K	R=35	G=255	B=156	W=255	A=45
252-255	10000K	R=35	G=255	B=159	W=255	A=35

9. MAINTENANCE

In order to extend the service life of the lamp, regular maintenance is necessary. When used in fixed installation, cleaning once every three months is advised.

When the lens cover, shell and other parts accumulate moisture or dust, at this time clean the fixture to optimize the output.

Leaving moisture for a long period of time, this could cause corrosion to the shell.

The frequency of cleaning depends on the operating frequency of the lamp and the surrounding environment. When cleaning with a soft cloth and general glass cleaning products to carefully wipe, it is recommended to remove any sand or dust from the ventilation area to ensure proper working of the fixture.

Do not wipe the fixtures housing with organic solvents such as alcohol to avoid damage.

10. GENERAL TROUBLESHOOTING

Fault phenomena	Cause of the fault	Handling method
No menu displayed	1. No AC input 2. The switching power supply is damaged 3. The display board is faulty	1. Check the power supply line 2. Contact your local supplier 3. Contact your local supplier
No DMX signal is being received	1. The DMX signal cable is faulty 2. The sequence of connecting signal cables is incorrect 3. DMX address setup and console are not corresponding / does not match. Or other parameters are set incorrectly. 4. Confirm button not pressed after altering the menu. Or Esc key exit to the main menu.	
The light body surface temperature is over 75° Cannot be protected by temperature control	1. The temperature sensor on the source is faulty. 2. The temperature control circuit on the display board is faulty. 3. See if the radiator fan is running at a low speed	1, 2, 3. Contact your local supplier
The cast light does not mix evenly Uneven color spots	1. LED source has defects 2. The lens or bracket is not properly mounted	1. Contact your local supplier 2. Check the lens assembly process, Adjust the assembly direction of the bracket
The light bead does not shine or flickers a little	The LED is damaged or the driver board has no current output	Contact your local supplier
Parameters are not saved	The IC used to store the parameters is damaged	Contact your local supplier
The whole light is powered on and does not work	When the temperature is too high, temperature control protection is active and caused Switching power supply to not fully turn on	Let the lamp body cool before turning it on

11. SPECIFICATIONS

- Optical Parameters

Light Source	Custom COB LED Red 100w, Green 100w, Blue 100w, White 150w, Amber 100w
Illumination	@1m Lux12170; @3m Lux1638; @5m Lux625; @7m Lux387;
Temperature K	2800K WW: 2000K-10000K (± 100 K)
Optical system	Reflector with high quality composite lens
Color rendering index	Ra $\geq$ 93
Master wavelength	R630nm/G529nm/B461nm/A589nm/W583nm
Light source life	20,000 hours
Beam Angle (50%)	50 °
Maximum field Angle (10%)	87 °
Stroboscopic	0 to 25Hz

- Power supply parameters

Input voltage and frequency	100 to 240V/AC, 50 to 60Hz
Power connection	Power Twist TR1 (PowerCON True1 compatible) maximum number of connected units: 7 @230V
Signal connections	XLR five pin waterproof signal cable. Recommended maximum number of connected units: 32
Constant power	120W
Max Burst power	280W
Power factor	0.95/230 v
Working environment	-15 ~ 45

- Structural parameters

Dimensions	Product size: 195*145*145mm
Weight	Net weight: 2.35 kg
Level of protection	IP65
Cooling system	Fan heat dissipation
Housing	Lightweight Magnesium aluminum alloy, black
Installation method	Flat ground, vertical hanging, side hanging

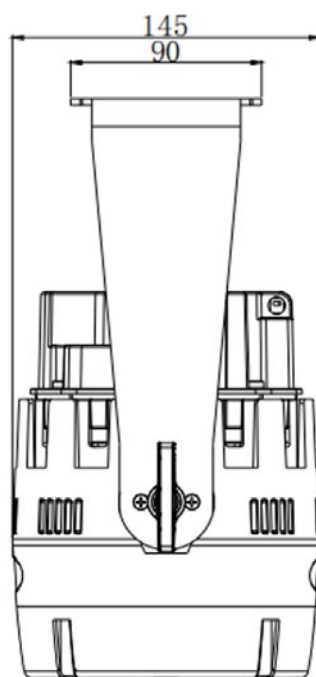
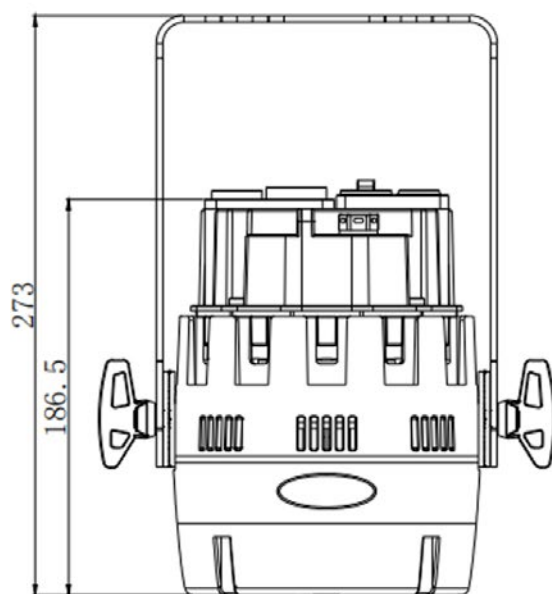
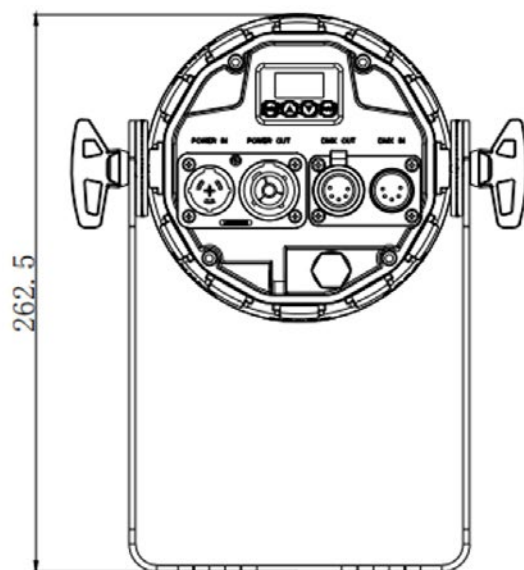
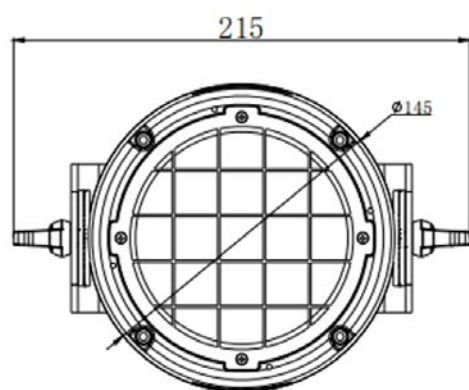
- Controls

Control mode	DMX512/RDM
DMX channel mode	1 CH Blinder, 5 CH Broadcast, 8 CH Stage, 12 CH Theater, 17 CH Theater+
Display	OLED display with 4 touch buttons
Refresh rate	800Hz/1200Hz/2000Hz/3600Hz/12000Hz/25000Hz

- Accessories

Standard	Power Twist TR1 waterproof power cord 1PCS; Manual 1PCS
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12. DIMENSIONS



Handwriting practice lines consisting of 20 horizontal dotted lines.

Blank lined paper with horizontal ruling lines.

BSL LIGHTING



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