

LED 19x40 RGBW Bee Eye BSW

Moving Head Light

Item Number: LL1940E

USER MANUAL



This user manual includes important information for installation and operation. Please read this user manual carefully to install, operate, and maintain the lighting safely and correctly. A verified technician should do the installation and operation.

Please carefully check for any damages caused by transportation.

Before delivery, this device has passed strict quality control and inspection. Please follow the user manual for proper operation. If this fixture is damaged due to operation error or disregard of this manual, the fixture will be out of warranty, and the manufacturer or dealer will not be held responsible.

Installation:

This unit is for indoor use only. Use only in a dry location. To prevent or reduce the risk of electrical shock or fire, do not expose to rain or moisture.

Maximum ambient temperature for operation is between 25°F and 104°F. Do not use under or above this range. Turn off the power and allow 15 minutes for the unit to cool down before handling. Do not open the unit within five minutes after switching off.

Keep the fixture at least 1.5ft. away from any combustible material, as it is not suitable for direct installation on these surfaces. The unit must be installed in a location with adequate ventilation, at least 20 inches from adjacent surfaces. Ensure that no ventilation slots are blocked.

The fixture should be protected from shock, strong vibrations or shaking during transportation and installation.

We advise that an electrician confirms the safety of the electrical data prior to installation. Power off the fixture before installation or maintenance. Before operating, ensure that the voltage and frequency of power supply match the power requirements of the unit.

Rigging:

Carefully hold the fixture upside down by its base, unfold the two integrated clamps at the bottom, and rotate one of the clamps to the desired direction. Do not lift the light by the head alone, as this may cause damage to the mechanical parts. Hang the clamps onto the truss and tighten the screw.

Insert the quick-lock fasteners of the first holder into the respective holes on the bottom of the device. Tighten the quick-lock fasteners fully clockwise.

Pull the safety rope through the holes on the bottom of the base and fasten it on the truss or other fixing point. Ensure that the fixture is secure and will not drop due to clamp damage.

The truss used for hanging this fixture must be able to hold 10 times the weight of this fixture without deformation one hour after installation. Always use a safety cable that can hold 12 times the weight of the unit. Do not stand directly under the fixture while installing, uninstalling or adjusting the fixture.

Product Specifications:*Electrical:*

- ☐ Input power: AC100-240V
- ☐ Power frequency: 50/60Hz
- ☐ Power consumption: 640W
- ☐ Fuse: T10AL/250V

Light Source:

- ☐ Source: 19*40W RGBW LED
- ☐ Average lifespan: 50000hours

Color System:

- ☐ RGBW

Electronics:

- ☐ Linear dimming:0-100% Linear Dimmer
- ☐ Strobe:1-25Hz

Optics:

- ☐ Beam Angle: 3.5°- 50°

Dynamic Effects:

- ☐ Pixel mapping
- ☐ Zoom and rotation
- ☐ Built-in macro effects

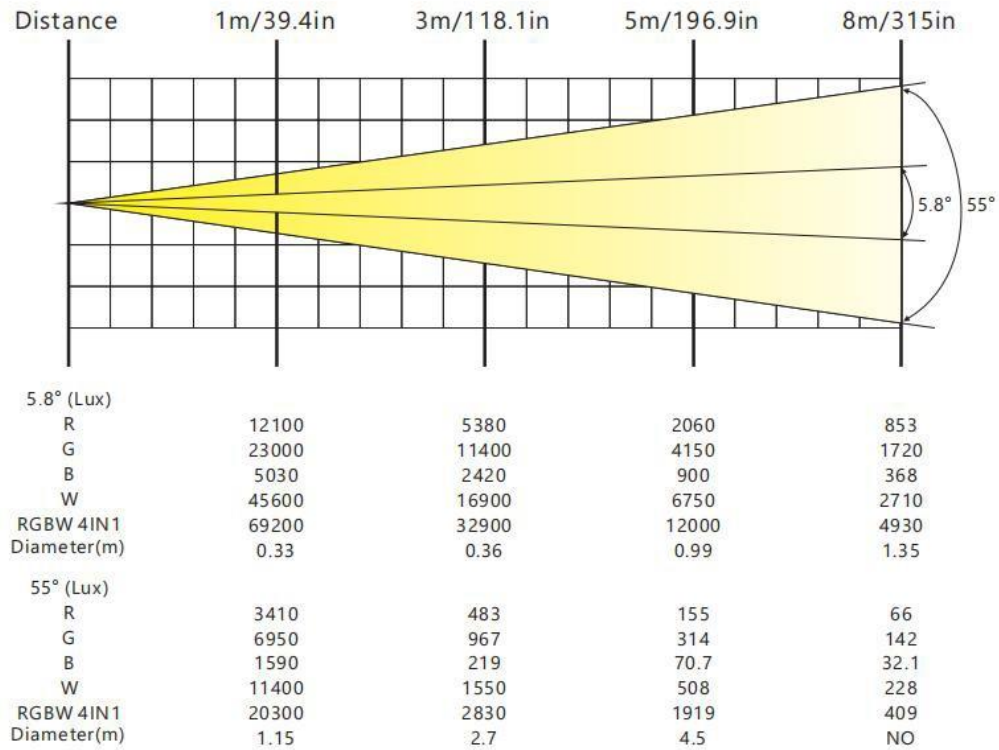
Control:

- ☐ DMX channels:21/23/35/78/92/97/99 CH
- ☐ DMX connector: 3-Pin & 5-Pin XLR input/output
- ☐ Power connector:Tru1 input & output
- ☐ Control mode:DMX/Master-Slave/Auto/Sound
- ☐ Pan: 540°,8/16bits
- ☐ Tilt:270°, 8/16bits
- ☐ LED display with 4 buttons

Physical:

- ☐ IP Rating:IP20
- ☐ Housing color: black
- ☐ Working ambient temp.: -10°C to 40°C (-14°F to 104°F)
- ☐ Cooling method: fan cool with temperature control
- ☐ Dimensions:376*280*420mm/14.8*11*16.5in
- ☐ Weight:16.5kg/36.4lb

Photometric Diagram



Display and Operation:



Menu

Up

Down

Enter

Up	Select the previous item or increase the value.
Down	Select the next item or decrease the value.
Menu	Display all the functions;exit or return to the previous
Enter	Confirm, save, or execute commands.

DMX Address Code Setting:

Press the MENU button to access "Set DMX Address", then press ENTER to enter the "Set DMX Address" menu, which will display "DMX Address: 001".

Use the UP and DOWN buttons to modify the address.

Press ENTER to save and exit, or press MENU to exit without saving.

Setting:

Menu	Pan Degree	540 °, 360°	X-axis rotation angle selection	
	Mic Sense	001 - 100	Sound sensitivity adjustment	
	Language	English	Chinese	
	No Signal	1.Black Out 2. Hold	Set the state when the fixture has no	
	Fan Set	1.Auto 2.Low 3.High	Set fan speed	
	Reset	Yes	No	
	Default	Yes	No	
	Adjust	Pass Word: UP-DOWN-UP-DOWN		
		Pan	0 - 255	
		Tilt	0 - 255	
		Focus	0 - 255	
		Rota	0 - 255	
		Red	0 - 255	
		Green	0 - 255	
Blue		0 - 255		
White		0 - 255		
Address	Setting from 001 - 512			
Reverse	Forward or reversed setting	Pan	1.Yes	
			2.No	
		Tilt	1.Yes	
			2.No	
		Display	1.Yes	
			2.No	
Information		1.CH Value	Each channel show CH value	
		2.Temp °C	Show the temperature of led	

	3.Soft V.XXX	Show the version number
Channel Mode	21-channel mode	
	23-channel mode	
	35-channel mode	
	78-channel mode	
	92-channel mode	
	97-channel mode	
	99-channel mode	
Mode	DMX 512	
	AUTO	
	SOUND	
	MANUAL	Pan: 0--255
		Tilt:0--255
		Focus:0--255
		Rota:0-255
		Red: 0--255
		Green: 0--255
		Blue: 0--255
		White: 0--255
		Strobe: 0-255

DMX Chart:

21 Channel Mode

Channel	Display	Value	Function
CH-1	Red Dimmer	0 --- 255	Red dimmer
CH-2	Red Dimmer Fine	0 --- 255	Red dimmer fine
CH-3	Green Dimmer	0 --- 255	Green dimmer
CH-4	Green Dimmer Fine	0 --- 255	Green dimmer fine
CH-5	Blue Dimmer	0 --- 255	Blue dimmer
CH-6	Blue Dimmer Fine	0 --- 255	Blue dimmer fine
CH-7	White Dimmer	0 --- 255	White dimmer
CH-8	White Dimmer Fine	0 --- 255	White dimmer fine
CH-9	Color Temperature	0--15	No function
		16--35	R100%, G UP, B0%
		36--55	R DOWN, G100%, B0%
		56--75	R0%, G100%, B UP

		76--95	R0%, G DOWN, B100%
		96--115	R UP, G0%, B100%
		116--135	R100%, G0%, B DOWN
		136--155	R100%, G UP, B UP
		156--175	R DOWN, G DOWN, B 100%
		176--195	R100% G100% B100% W100%
		196--200	2800K
		201--205	3200K
		206--210	3500K
		211--215	4000K

		216--220	4500K
		221--225	5000K
		226--230	5500K
		231--235	6000K
		236--240	6500K
		241--245	7000K
		246--250	7500K
		251--255	8000K
CH-10	Macro Color	0--9	No
		10--19	Macro color 1
		20--29	Macro color 2
		....	.... (10 numbers each macro
		240--249	Macro color 24
		250--255	Macro color 25
CH-11	Strobe	0---3	Turn on the light
		4---203	Synchro strobe speed slow to fast (1HZ-25HZ)
		204--255	Random strobe
CH-12	Master Dimmer	0 --- 255	Dark to bright linear dimmer
CH-13	Master Dimmer Fine	0 --- 255	Dimmer fine control
CH-14	Pan	0 --- 255	Pan control
CH-15	Pan Fine	0 --- 255	Pan fine control
CH-16	Tilt	0 --- 255	Tilt control
CH-17	Tilt Fine	0 --- 255	Tilt fine control
CH-18	Dimming Mode	0 --- 49	Mode -1
		50 --- 99	Mode -2
		100---149	Mode -3
		150---255	Mode -4
CH-19	Reset	0-250	NO

		251---255	Reset within 5s
CH-20	Zoom	0-255	Zoom
CH-21	Lens Rotation	0-155	0~60°
		156-205	Clockwise infinite rotation
		206-255	Counterclockwise rotation

22 Channel Mode

Channe	Display	Value	Function
CH-1	Pan	0 --- 255	0-540°
CH-2	Pan Fine	0 --- 255	16 bit adjustment
CH-3	Tilt	0 --- 255	0-205°
CH-4	Tilt Fine	0 --- 255	16bit adjustment
CH-5	Pan/Tilt Speed	0 --- 255	Speed from fast to slow
CH-6	Zoom	0 --- 255	Angle from small to large
CH-7	Lens Rotation	0-155	0~60°
		156-205	Clockwise infinite rotation from fast to slow
		206-255	Counterclockwise rotation from slow to fast
CH-8	Master Dimmer	0 --- 255	Dark to bright linear dimmer
CH-9	Strobe	0---3	Turn on the light
		4---203	Synchro strobe speed
		204--255	Random strobe
CH-10	R Dimmer	0-255	Dark to bright linear dimmer
CH-11	G Dimmer	0-255	Dark to bright linear dimmer
CH-12	B Dimmer	0-255	Dark to bright linear dimmer
CH-13	W Dimmer	0-255	Dark to bright linear dimmer
CH-14	Color Temperature	0 ---15	No
		16---35	R100%, G UP, B0%
		36---55	R DOWN, G100%, B0%
		56---75	R0%, G100%, B UP
		76---95	R0%, G DOWN, B100%
		96---115	R UP, G0%, B100%
		116---135	R100%, G0%, B DOWN
		136---155	R100%, G UP, B UP
		156---175	R DOWN, G DOWN, B 100%
		176---195	R100%, G100%, B100%, W100%
		196---200	2800K
		201---205	3200K
		206---210	3500K
		211---215	4000K

		216---220	4500K
		221---225	5000K
		226--230	5500K
		231--235	6000K
		236--240	6500K
		241--245	7000K
		246--250	7500K
		251--255	8000K
CH-15	Macro Color	0--9	No
		10--19	Macro color 1
		20--29	Macro color 2
		....	(10 numbers each macro color)
		240--249	Macro color 24
		250--255	Macro color 25
CH-16	Static Pattern	0--9	No
		10--12	Monochrome pattern 1
		13--15	Monochrome pattern 2
		.....	(3 numbers 1 pattern)
		208--210	Monochrome pattern 67
		211--213	Mixed color pattern 1
CH-16	Static Pattern	214--216	Mixed color pattern 2
		....	(3 numbers 1 pattern)
		250--252	Mixed color pattern 14
		253--255	Mixed color pattern 15
CH-17	Dynamic Pattern	0--9	NO
		10--14	Monochrome dynamic pattern 1
		15--19	Monochrome dynamic pattern 2
		.....	(5 numbers 1 pattern)
		155--159	Monochrome pattern 30
		160--164	Mixed color dynamic pattern 1
		165--169	Mixed color dynamic pattern 2
		.....	(5 numbers 1 pattern)
		220--224	Mixed color dynamic pattern 13
		225--255	Mixed color dynamic pattern 14
CH-18	Dynamic Pattern	0--127	Forward, from fast to slow (with 17CH)
		128--255	Reverse, from slow to fast(with 17CH)
CH-19	Background Color R	0-255	Dark to bright linear dimmer
CH-20	Background Color G	0-255	Dark to bright linear dimmer

CH-21	Background Color B	0-255	Dark to bright linear dimmer
CH-22	Background Color W	0-255	Dark to bright linear dimmer
CH-23	Reset	0-250	NO
		251-255	Reset within 5s

35 Channel Mode

Channel	Display	Value	Function
CH-1	Red Dimmer	0 --- 255	Red dimmer
CH-2	Red Dimmer Fine	0 --- 255	Red dimmer fine
CH-3	Green Dimmer	0 --- 255	Green dimmer
CH-4	Green Dimmer Fine	0 --- 255	Green dimmer fine
CH-5	Blue Dimmer	0 --- 255	Blue dimmer
CH-6	Blue Dimmer Fine	0 --- 255	Blue dimmer fine
CH-7	White Dimmer	0 --- 255	White dimmer
CH-8	White Dimmer Fine	0 --- 255	White dimmer fine
CH-9	Color Temperature	0 ---15	No
		16---35	R100%, G UP, B0%
		36---55	R DOWN, G100%, B0%
		56---75	R0%, G100%, B UP
		76---95	R0%, G DOWN, B100%
		96---115	R UP, G0%, B100%
		116--135	R100%, G 0%, B DOWN
		136---155	R100%, G UP, B UP
		156---175	R DOWN, G DOWN, B 100%
		176---195	R100% G100% B100% W100%
		196---200	2800K
		201---205	3200K
		206---210	3500K
		211---215	4000K
		216---220	4500K
		221---225	5000K
		226--230	5500K
		231--235	6000K
		236--240	6500K
		241--245	7000K
		246--250	7500K
		251--255	8000K

CH-10	Macro Color	0--9	No
		10--19	Macro color 1
		20--29	Macro color 2
		....	....(10 numbers each macro color)
		240--249	Macro color 24
		250--255	Macro color 25
CH-11	Strobe	0---3	Turn on the light
		4---203	Synchro strobe speed From slow to fast (1HZ-25HZ)
		204--255	Random strobe
CH-12	Master Dimmer	0 --- 255	Dark to bright linear dimmer
CH-13	Master Dimmer Fine	0 --- 255	Dimmer fine control
CH-14	Pan	0 --- 255	Pan control
CH-15	Pan Fine	0 --- 255	Pan fine control
CH-16	Tilt	0 --- 255	Tilt control
CH-17	Tilt Fine	0 --- 255	Tilt fine control
CH-18	Dimming Mode	0 --- 49	Mode -1
		50 --- 99	Mode -2
		100---149	Mode -3

		150---255	Mode -4
CH-19	Reset	0-250	NO
		251---255	Reset within 5s
CH-20	Zoom	0-255	Zoom
CH-21	Lens Rotation	0-155	0~60°
		156-205	Clockwise infinite rotation
		206-255	Counterclockwise rotation
CH-22	Pattern Rotation	0--9	NO
		10--14	Monochrome dynamic pattern 1
		15--19	Monochrome dynamic pattern 2
		.....	.....(5 numbers 1 pattern)
		155--159	Monochrome pattern 30
		160--164	Mixed color dynamic pattern 1
		165--169	Mixed color dynamic pattern 2
		.....	.....(5 numbers 1 pattern)
		220--224	Mixed color dynamic pattern 13
		225--255	Mixed color dynamic pattern 14

CH-23	Pattern Effect Speed	0--9	NO
		10--132	Forward, from fast to slow(with 22CH)
		133--255	Reverse, from slow to fast(with 22CH)
CH-24	Pattern Effect Fade	0-255	Pattern effect fade
CH-25	Pattern Background	0-255	Pattern effect R
CH-26	Pattern Background	0-255	Pattern effect G
CH-27	Pattern Background	0-255	Pattern effect B
CH-28	Pattern Background	0-255	Pattern effect W
CH-29	Pattern Dimmer	0-255	Pattern 0-100% dimmer
CH-30	Background Dimmer	0-255	Background 0-100% dimmer
CH-31	Pattern Change	0-255	Pattern change control
CH-32	Pattern Movement	0-255	Pattern movement(with 22CH)
CH-33	Foreground Strobe	0-255	Foreground strobe
CH-34	Background Strobe	0-255	Background strobe
CH-35	Background Pattern Selection	0-255	Background selection

78 Channel Mode

Channel	Display	Value	Function
CH-1	Red Dimmer	0 --- 255	Red dimmer
CH-2	Red Dimmer Fine	0 --- 255	Red dimmer fine
CH-3	Green Dimmer	0 --- 255	Green dimmer
CH-4	Green Dimmer Fine	0 --- 255	Green dimmer fine
CH-5	Blue Dimmer	0 --- 255	Blue dimmer
CH-6	Blue Dimmer Fine	0 --- 255	Blue dimmer
CH-7	White Dimmer	0 --- 255	White dimmer
CH-8	White Dimmer Fine	0 --- 255	White dimmer fine
CH-9	Color Temperature	0 ---15	No
		16---35	R100%, G UP, B 0%
		36---55	R DOWN, G 100%, B 0%
		56---75	R 0%, G100%, B UP
		76---95	R 0%, G DOWN, B 100%
		96---115	R UP, G 0%, B100%
		116--135	R100%, G 0%, B DOWN
		136---155	R100%, G UP, B UP
		156---175	R DOWN, G DOWN, B 100%

		176---195	R100% G 100% B100% W100%
		196---200	2800K
		201---205	3200K
		206---210	3500K
		211---215	4000K
		216---220	4500K
		221---225	5000K
		226--230	5500K
		231--235	6000K
		236--240	6500K
		241--245	7000K
		246--250	7500K
		251--255	8000K
CH-10	Macro Color	0--9	No
		10--19	Macro color 1
		20--29	Macro color 2
			
		240--249	Macro color 24
		250--255	Macro color 25
CH-11	Strobe	0---3	Turn on the light
		4---203	Synchro strobe speed slow to fast (1HZ-25HZ)
		204--255	Random strobe
CH-12	Master Dimmer	0 --- 255	Dark to bright linear dimmer
CH-13	Master Dimmer Fine	0 --- 255	Dimmer fine control
CH-14	Pan	0 --- 255	Pan control
CH-15	Pan Fine	0 --- 255	Pan fine control
CH-16	Tilt	0 --- 255	Tilt control
CH-17	Tilt Fine	0 --- 255	Tilt fine control
CH-18	Dimming Mode	0 --- 49	Mode -1
		50 --- 99	Mode -2
		100---149	Mode -3
		150---255	Mode -4
CH-19	Reset	0-250	NO
		251---255	Reset within 5s
CH-20	Zoom	0-255	Zoom
CH-21	Lens Rotation	0-155	0~60°
		156-205	Clockwise infinite rotation

		206-255	Counterclockwise rotation
CH-22	R1 LED Dimmer	0-255	R1 LED dimmer
CH-23	G1 LED Dimmer	0-255	G1 LED dimmer
CH-24	B1 LED Dimmer	0-255	B1 LED dimmer
CH-25	R2 LED Dimmer	0-255	R2 LED dimmer
CH-26	G2 LED Dimmer	0-255	G2 LED dimmer
CH-27	B2 LED Dimmer	0-255	B2 LED dimmer
.....			
CH-76	R19 LED Dimmer	0-255	R19 LED dimmer
CH-77	G19 LED Dimmer	0-255	G19 LED dimmer
CH-78	B19 LED Dimmer	0-255	B19 LED dimmer

92 Channel Mode: 6

Channe	Display	Value	Function
CH-1	Red Dimmer	0 --- 255	Red dimmer
CH-2	Red Dimmer Fine	0 --- 255	Red dimmer fine
CH-3	Green Dimmer	0 --- 255	Green dimmer
CH-4	Green Dimmer Fine	0 --- 255	Green dimmer fine
CH-5	Blue Dimmer	0 --- 255	Blue dimmer
CH-6	Blue Dimmer Fine	0 --- 255	Blue dimmer
CH-7	White Dimmer	0 --- 255	White dimmer
CH-8	White Dimmer Fine	0 --- 255	White dimmer fine
CH-9	Color Temperature	0 ---15	No
		16---35	R100%, G UP, B 0%
		36---55	R DOWN, G 100%, B 0%
		56---75	R 0%, G 100%, B UP
		76---95	R 0%, G DOWN, B 100%
		96---115	R UP, G 0%, B 100%
		116--135	R100%, G 0%, B DOWN

		136---155	R100%, G UP, B UP
		156---175	R DOWN, G DOWN, B 100%
		176---195	R100% G 100% B 100% W 100%
		196---200	2800K
		201---205	3200K
		206---210	3500K
		211---215	4000K

		216---220	4500K
		221---225	5000K
		226--230	5500K
		231--235	6000K
		236--240	6500K
		241--245	7000K
		246--250	7500K
		251--255	8000K
CH-10	Macro Color	0--9	No
		10--19	Macro color 1
		20--29	Macro color 2
		....	(10 numbers each macro color)
		240--249	Macro color 24
		250--255	Macro color 25
CH-11	Strobe	0---3	Turn on the light
		4---203	Synchro strobe speed slow to fast (1HZ-25HZ)
		204--255	Random strobe
CH-12	Master Dimmer	0 --- 255	Dark to bright linear dimmer
CH-13	Master Dimmer Fine	0 --- 255	Dimmer fine control
CH-14	Pan	0 --- 255	Pan control
CH-15	Pan Fine	0 --- 255	Pan fine control
CH-16	Tilt	0 --- 255	Tilt control
CH-17	Tilt Fine	0 --- 255	Tilt fine control
CH-18	Dimming Mode	0 --- 49	Mode -1
		50 --- 99	Mode -2
		100---149	Mode -3
		150---255	Mode -4
CH-19	Reset	0-250	NO
		251---255	Reset within 5s
CH-20	Zoom	0-255	Zoom
CH-21	Lens Rotation	0-155	0~60°
		156-205	Clockwise infinite rotation
		206-255	Counterclockwise rotation

CH-22	Pattern Rotation	0--9	NO
		10--14	Monochrome dynamic pattern 1
		15--19	Monochrome dynamic pattern 2
		.....	(5 numbers 1 pattern)
		155--159	Monochrome pattern 30
		160--164	Mixed color dynamic pattern 1
		165--169	Mixed color dynamic pattern 2
		.....	(5 numbers 1 pattern)
		220--224	Mixed color dynamic pattern 13
		225--255	Mixed color dynamic pattern 14
CH-23	Pattern Effect Speed	0--9	NO
		10--132	Forward, from fast to slow (with 22CH)
		133--255	Reverse, from slow to fast (with 22CH)
CH-24	Pattern Effect Fade	0-255	Pattern effect fade
CH-25	Pattern Background	0-255	Pattern effect R
CH-26	Pattern Background	0-255	Pattern effect G
CH-27	Pattern Background	0-255	Pattern effect B
CH-28	Pattern Background	0-255	Pattern effect W
CH-29	Pattern Dimmer	0-255	Pattern 0-100% dimmer
CH-30	Background Dimmer	0-255	Background 0-100% dimmer
CH-31	Pattern Change	0-255	Pattern change control
CH-32	Pattern Movement	0-255	Pattern movement (with 22CH)
CH-33	Foreground Strobe	0-255	Foreground strobe
CH-34	Background Strobe	0-255	Background strobe
CH-35	Background Pattern selection	0-255	Background selection
CH-36	LED1 R	0-255	LED1 R dimmer
CH-37	LED1 G	0-255	LED1 G dimmer
CH-38	LED1 B	0-255	LED1 B dimmer
.....			
CH-90	LED19 R	0-255	LED 19 R dimmer
CH-91	LED19 G	0-255	LED19 G dimmer
CH-92	LED19 B	0-255	LED 19 B dimmer

97 Channel Mode

Channe	Display	Value	Function
CH-1	Red Dimmer	0 --- 255	Red dimmer
CH-2	Red Dimmer Fine	0 --- 255	Red dimmer fine
CH-3	Green Dimmer	0 --- 255	Green dimmer
CH-4	Green Dimmer Fine	0 --- 255	Green dimmer fine
CH-5	Blue Dimmer	0 --- 255	Blue dimmer
CH-6	Blue Dimmer Fine	0 --- 255	Blue dimmer
CH-7	White Dimmer	0 --- 255	White dimmer
CH-8	White Dimmer Fine	0 --- 255	White dimmer fine
CH-9	Color Temperature	0 ---15	No
		16---35	R100%, G UP, B 0%
		36---55	R DOWN, G 100%, B 0%
		56---75	R 0%, G 100%, B UP
		76---95	R 0%, G DOWN, B 100%
		96---115	R UP, G 0%, B 100%
		116--135	R100%, G 0%, B DOWN
		136---155	R100%, G UP, B UP
		156---175	R DOWN, G DOWN, B 100%
		176---195	R100% G100% B100% W100%
		196---200	2800K
		201---205	3200K
		206---210	3500K
		211---215	4000K
		216---220	4500K
		221---225	5000K
		226--230	5500K
		231--235	6000K
		236--240	6500K
		241--245	7000K
		246--250	7500K
		251--255	8000K
CH-10	Macro Color	0--9	No
		10--19	Macro color 1
		20--29	Macro color 2
		....	....(10 numbers each macro color)
		240--249	Macro color 24
		250--255	Macro color 25
CH-11	Strobe	0---3	Turn on the light

		4---203	Synchro strobe speed slow to fast (1HZ-25HZ)
		204--255	Random strobe
CH-12	Master Dimmer	0 --- 255	Dark to bright linear dimmer
CH-13	Master Dimmer Fine	0 --- 255	Dimmer fine control
CH-14	Pan	0 --- 255	Pan control
CH-15	Pan Fine	0 --- 255	Pan fine control
CH-16	Tilt	0 --- 255	Tilt control
CH-17	Tilt Fine	0 --- 255	Tilt fine control
CH-18	Dimming Mode	0 --- 49	Mode -1
		50 --- 99	Mode -2
		100---149	Mode -3
		150---255	Mode -4
CH-19	Reset	0-250	NO
		251---255	Reset within 5s
CH-20	Zoom	0-255	Zoom
CH-21	Lens Rotation	0-155	0~60°
		156-205	Clockwise infinite rotation
		206-255	Counterclockwise rotation
CH-22	R1 LED Dimmer	0-255	R1 LED dimmer
CH-23	G1 LED Dimmer	0-255	G1 LED dimmer
CH-24	B1 LED Dimmer	0-255	B1 LED dimmer
CH-25	W1 LED Dimmer	0-255	W1 LED dimmer
.....			
CH-94	R19 LED Dimmer	0-255	R19 LED dimmer
CH-95	G19 LED Dimmer	0-255	G19 LED dimmer
CH-96	B19 LED Dimmer	0-255	B19 LED dimmer
CH-97	W19 LED Dimmer	0-255	W19 LED dimmer

99 Channel Mode

Channel	Display	Value	Function
CH-1	Pan	0 --- 255	0-540°
CH-2	Pan Fine	0 --- 255	16bit adjustment
CH-3	Tilt	0 --- 255	0-205°
CH-4	Tilt Fine	0 --- 255	16bit adjustment
CH-5	XY speed	0 --- 255	Speed from fast to slow
CH-6	Zoom	0 --- 255	Angle from small to large

CH-7	Lens Rotation	0-155	0~60°
		156-205	Clockwise infinite rotation from fast to slow
		206-255	Counterclockwise rotation from slow to fast
CH-8	Master Dimmer	0 --- 255	Dark to bright linear dimmer
CH-9	Strobe	0---3	Turn on the light
		4---203	Synchro strobe speed From slow to fast (1HZ-25HZ)
		204--255	Random strobe
CH-10	R Dimmer	0-255	Dark to bright linear dimmer
CH-11	G Dimmer	0-255	Dark to bright linear dimmer
CH-12	B Dimmer	0-255	Dark to bright linear dimmer
CH-13	W Dimmer	0-255	Dark to bright linear dimmer
CH-14	Color Temperature	0 ---15	No
		16---35	R100%, G UP, B 0%
		36---55	R DOWN, G 100%, B 0%
		56---75	R 0%, G 100%, B UP
		76---95	R 0%, G DOWN, B 100%
		96---115	R UP, G 0%, B 100%
		116---135	R 100%, G 0%, B DOWN
		136---155	R100%, G UP, B UP
		156---175	R DOWN, G DOWN, B 100%
		176---195	R100%, G100%, B100%, W100%
		196---200	2800K
		201---205	3200K
		206---210	3500K
		211---215	4000K
		216---220	4500K
		221---225	5000K
		226--230	5500K
		231--235	6000K
		236--240	6500K
		241--245	7000K
		246--250	7500K
		251--255	8000K
CH-15	Macro Color	0--9	No
		10--19	Macro color 1
		20--29	Macro color 2
		....	(10 numbers each macro color)

		240--249	Macro color 24
		250--255	Macro color 25
CH-16	Static Pattern	0--9	No
		10--12	Monochrome pattern 1
		13--15	Monochrome pattern 2
		.....	(3 numbers 1 pattern)
		208--210	Monochrome pattern 67
		211--213	Mixed color pattern 1
		214--216	Mixed color pattern 2
		....	(3 numbers 1 pattern)
		250--252	Mixed color pattern 14
		253--255	Mixed color pattern 15
CH-17	Dynamic Pattern	0--9	NO
		10--14	Monochrome dynamic pattern 1
		15--19	Monochrome dynamic pattern 2
		.....	(5 numbers 1 pattern)
		155--159	Monochrome pattern 30
		160--164	Mixed color dynamic pattern 1
		165--169	Mixed color dynamic pattern 2
		.....	(5 numbers 1 pattern)
		220--224	Mixed color dynamic pattern 13
		225--255	Mixed color dynamic pattern 14
CH-18	Dynamic Pattern	0--127	Forward, from fast to slow (with 17CH)
		128--255	Reverse, from slow to fast (with 17CH)
CH-19	Background Color	0-255	Dark to bright linear dimmer
CH-20	Background Color	0-255	Dark to bright linear dimmer
CH-21	Background Color	0-255	Dark to bright linear dimmer
CH-22	Background Color	0-255	Dark to bright linear dimmer
CH-23	Reset	0-250	NO
		250-255	Reset within 5s
CH-24	R1 LED Dimmer	0-255	R1 LED dimmer
CH-25	G1LED Dimmer	0-255	G1 LED dimmer
CH-26	B1 LED Dimmer	0-255	B1 LED dimmer
CH-27	W1LED Dimmer	0-255	W1 LED dimmer
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CH-96	R19 LED Dimmer	0-255	R19 LED dimmer
CH-97	G19 LED Dimmer	0-255	G19 LED dimmer
CH-98	B19 LED Dimmer	0-255	B19 LED dimmer

CH-99	W19 LED Dimmer	0-255	W19 LED dimmer
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Symbol Instruction on Fixture:



CE certificate



RoHS certificate