Showline

SL STRIP 10IP LED LUMINAIRE

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IMPORTANT INFORMATION

Warnings and Notices

When using electrical equipment, basic safety precautions should always be followed including the following:

a. READ AND FOLLOW ALL SAFETY INSTRUCTIONS.

b. Do not mount near gas or electric heaters.

c. Equipment should be mounted in locations and at heights where it will not readily be subjected to tampering by unauthorized personnel.

d. The use of accessory equipment not recommended by the manufacturer may cause an unsafe condition.

e. Do not use this equipment for other than intended use.

f. Refer service to qualified personnel.

SAVE THESE INSTRUCTIONS.

WARNING: You must have access to a main circuit breaker or other power disconnect device before installing any wiring. Be sure that power is disconnected by removing fuses or turning the main circuit breaker off before installation. Installing the device with power on may expose you to dangerous voltages and damage the device. A qualified electrician must perform this installation.

WARNING: Refer to national Electrical Code and local codes for cable specifications. Failure to use proper cable can result in damage to equipment or danger to personnel.

WARNING: This equipment is intended for installation in accordance with the National Electric Code and local regulations. It is also intended for installation in indoor applications only. Before any electrical work is performed, disconnect power at the circuit breaker or remove the fuse to avoid shock or damage to the control. It is recommended that a qualified electrician perform this installation.

Additional Resources for DMX512

For more information on installing DMX512 control systems, the following publication is available for purchase from the United States Institute for Theatre Technology (USITT), "Recommended Practice for DMX512: A Guide for Users and Installers, 2nd edition" (ISBN: 9780955703522). USITT Contact Information:

USITT
315 South Crouse Avenue, **Suite 200**
Syracuse, **NY 13210-1844**
Phone: **1.800.938.7488 or 1.315.463.6463**
www.usitt.org

Showline Limited Two-Year Warranty

Showline offers a two-year limited warranty of its luminaires against defects in materials or workmanship from the date of delivery. A copy of Showline two-year limited warranty containing specific terms and conditions can be obtained by contacting your local Showline office.

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About this Manual

The document provides installation and operation instructions for the following product:
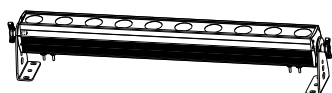
SL STRIP 10 IP LED LUMINAIRE

Please read all instructions before installing or using this product. Retain this manual for future reference.

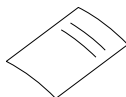Additional product information and descriptions may be found on the product specification sheet.

Note: The SL STRIP 10 IP LED Luminaire is universal voltage 100 to 240 VAC (auto-ranging).

Included Items

SL STRIP 10IP LED Luminaire   QuickStart Guide   **Diffuser Lens Kit***

*Note: Diffusers with 3 different beam angles for options: 15 degree, 25 degree and 11x38 degree

North American Market   ### International Market

AC Input cable (1750mm)
(For US, Canada and Latin America market only)

AC Output cable (1000mm)
(For US, Canada and Latin America market only)

DMX Input cable (1000mm)

DMX Output cable (1000mm)

OR

AC Input cable (1500mm)
(For International market only)

AC Output cable (1000mm)
(For International market only)

DMX Input cable (1000mm)

DMX Output cable (1000mm)
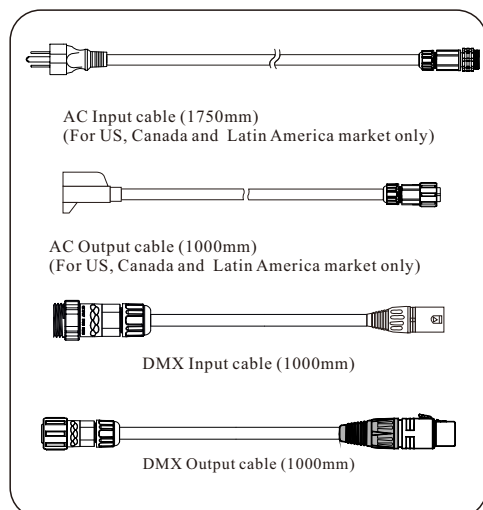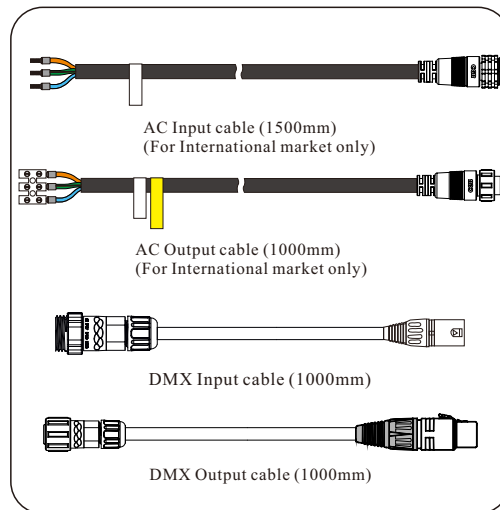
MAIN FEATURES

- 01 pixel, 02 pixel, 05 pixel,10 pixel DMX Channel selection

- 10 built-in chase programs

- 0-255 dimming level

- Standard DMX-512 and RDM protocol

- 01 Thru 99 Chase Speed adjustment

- Power failure memory

- LED display window-shows current activity and function state

INSTALLATION

SL STRIP 10IP LED Luminaires are provided with Trunnion Arms. The user can tighten the wing screws manually. For hanging applic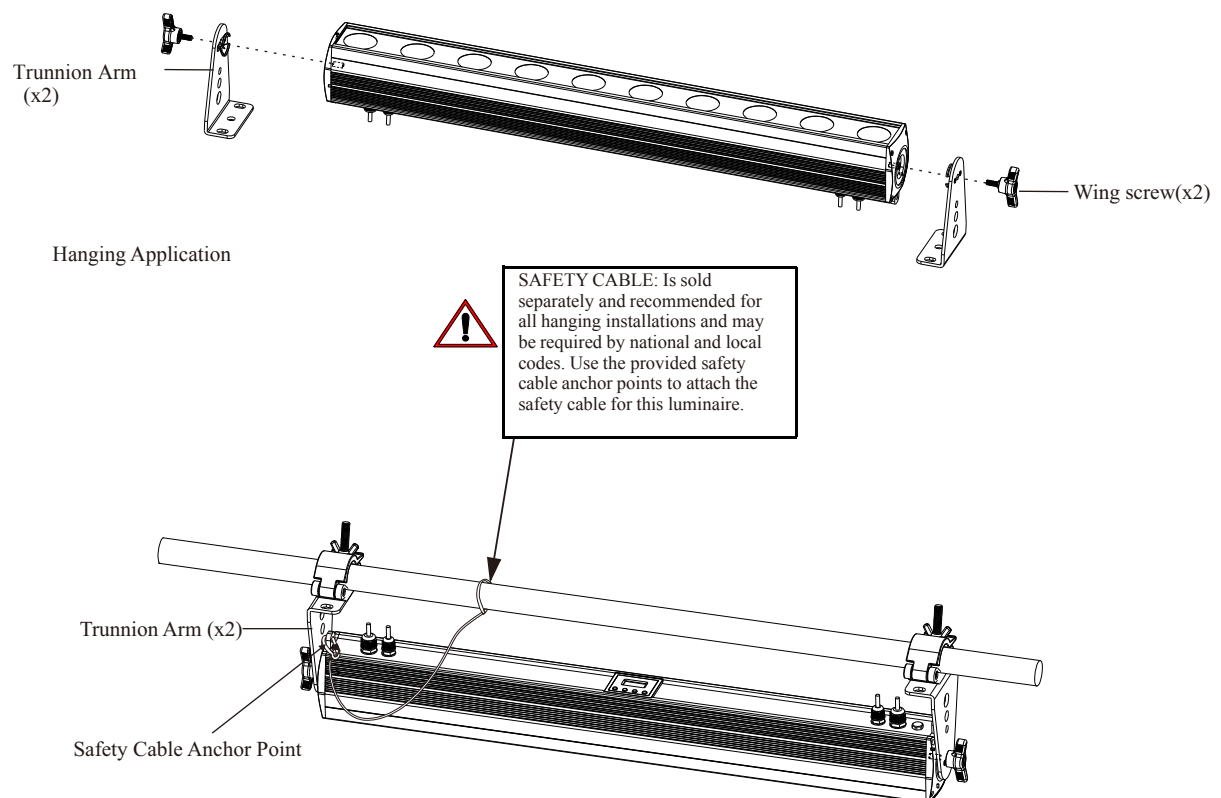ations it is recommended (and may be required by local and national safety codes) to use and install a safety cable (sold separately). When hanging the fixture, be sure to leave enough space around the luminaire to allow proper, uninterrupted air flow.

Trunnion Arm (x2)

Wing screw(x2)

Hanging Application

SAFETY CABLE: Is sold separately and recommended for all hanging installations and may be required by national and local codes. Use the provided safety cable anchor points to attach the safety cable for this luminaire.

Trunnion Arm (x2)

Safety Cable Anchor Point

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Power Requirements

The SL STRIP 10IP LED Luminaire operates on AC input voltages from 100 to 240 VAC.

WARNING: This unit does not contain an ON/OFF switch. Always disconnect power input cable to completely remove power from unit when not in use.

AC Power Operation

When connected to an AC source, the unit operates on 100 to 240 volts AC (+/- 10%, auto-ranging). The luminaire contains an auto-ranging power supply. Each luminaire can draw up to 150 Watts.

WARNING: The maximum amount of units that may be daisy-chained is (A) 6 units 100VAC (10 Amps) or (B) 16 units 240VAC (10 Amps) for Europe Standard. Refer to Table1-1for detailed information at various voltages.

WARNING: The maximum amount of units that may be daisy-chained is (A) 6 units 100VAC (10 Amps) for UL standard.

Note: For wiring of AC input connector, refer to Connecting SL STRIP 10IP LED Luminaires to AC Power.

Table 1-1: **SL STRIP 10IP LED Luminaires Voltage vs**. **Current**

For European Standard

Voltage (AC)	Total Current (A)	Max Connected
100	1.50	6
120	1.25	8
220	0.68	14
230	0.65	14

For UL Standard

Voltage (AC)	Total Current (A)	Max Connected
100	1.50	6

WARNING: *These figures are based on the Maximum Allowable Input Current of 10 Amps (and the maximum power supply limit of 150 Watts). Do not overload circuits!

IMPORTANT AC POWER CONNECTION NOTES:

- When using the daisy-chain connection method, ONLY connect SL STRIP 10IP LED Luminaires to the AC Output Connection of other SL STRIP 10IP LED Luminaires. DO NOT CONNECT OTHER TYPES OF LUMINAIRES OR DEVICES
- Use only use approved cable types.
- Do not overload circuits!
- Do not connect SL STRIP 10IP LED Luminaires to dimmed circuits.
- The MAXIMUM allowable number of SL STRIP 10IP LED Luminaires which can be 'daisy chained' on one 10A power feed is listed in Table 1-1. DO NOT EXCEED!

Connecting Power

Units can be powered in one of two ways:

- Direct connection to an AC power source using an AC input cable. For wiring of AC input connector, refer to Connecting SL STRIP 10IP LED Luminaires to AC Power.
- Connection from the AC output of another SL STRIP 10IP LED Luminaire. When using this method, it is very important not to connect any other type of equipment.

WARNING: Only connect other SL STRIP 10IP LED Luminaires to the AC Output (Thru) connector of a SL STRIP 10IP LED Luminaire.

Connecting SL STRIP 10IP LED Luminaires to AC Power

For European Market

Table 2, AC Input Connections describes how to connect power to your SL STRIP 10 IP. Field wiring of the SL STRIP 10 IP is straight forward. A total of 3 wires/conductors is supplied to the unit.
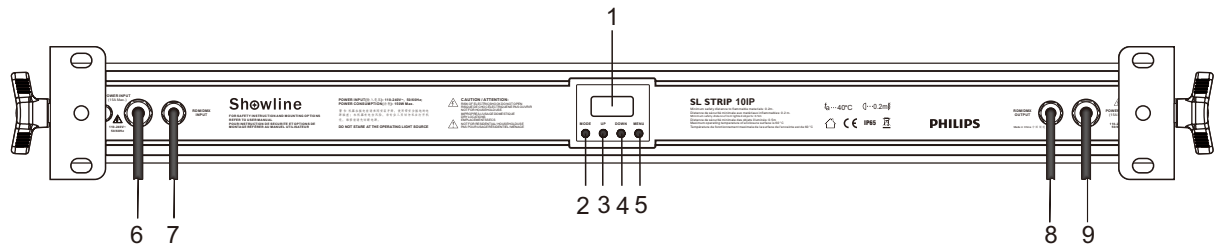
Table 2: **AC Input Connections**

Wire Color	Purpose
Brown	Main/Line(100 to 240 VAC)
Blue	Neutral
Yellow	Ground(Earth)

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For North American Market

The luminaire is equipped with an IP rated connector and an AC Input cable is provided.

Rear Panel Overview

1. LCD Display

   This multi-function display details all DMX Address, Chase , Program, Speed activity that pertains to the current operation mode of the unit.

2. Mode button

   This button toggles the unit's operating mode between DMX, Chase and Manual mode.

3. UP button

   This button increases the displayed value in the LED display.

4. Down Key

   This button decreases the displayed value in the LED display.

5. Menu button

   This button selects the different functions in DMX Mode, Chase Mode and Manual Mode.

6. AC Input Connector:

   AC110-240V~50/60Hz, Max15A. Be sure to always connect to the proper voltage.

7. RDM / DMX Input Connector

8. RDM / DMX Output Connector

9. AC Output Connector:

   AC110-240V~50/60Hz, Max15A. This connector outputs the mains supply to the next unit.

OPERATION MODES

The SL STRIP 10IP LED Luminaire has three different operation modes.

Please follow illustrations below to operate the unit in your desired mode.

Mode	Parameter	Parameter Value	Function
DMX	Address	001-512	To set the initial DMX receiving address
	Channel	8 Bit:1/2/5/10 pixel 16 Bit:1/2/5/10 pixel	To set the DMX Control Mode
	DMX Fade	OFF/ON	To set the status of the fixture when there is no DMX input
Chase	Program	01-10	To select a built-in program
	Speed	01-99	To set the speed level of the built-in Program
	Dimmer	000-255	To set the intensity
	Fade	000-100	To set the speed of the Fadetime(percentage)
Manual	R	000-255	To set the output intensity of the red
	G	000-255	To set the output intensity of the green
	B	000-255	To set the output intensity of the blue
	W	000-255	To set the output intensity of the cool white
Calibration		Can be set as ON or OFF	

DMX Mode

Use this mode to use the unit as a DMX dimmer. Set the unit control zones as 01 pixel, 02 pixel, 05 pixel,or 10 pixel. Set the DMX Start Address, and the fixture behaviour without DMX input.

SL STRIP 10IP DMX Mapping (RGBW 16 Bit Mode)

DMX CHANNEL	10 Pixel MODE	5 Pixel MODE	2 Pixel MODE	1 Pixel MODE
RGBW 16 BIT MODE				
1	Red_1 - High Byte	Red_1-2- High Byte	Red_1-9 - High Byte	Red_1-18 - High Byte
2	Red_1 - Low Byte	Red_1-2 - Low Byte	Red_1-9 - Low Byte	Red_1-18 - Low Byte
3	Green_1 - High Byte	Green_1-2 - High Byte	Green_1-9 - High Byte	Green_1-18 - High Byte
4	Green_1 - Low Byte	Green_1-2 - Low Byte	Green_1-9 - Low Byte	Green_1-18 - Low Byte
5	Blue_1 - High Byte	Blue_1-2 - High Byte	Blue_1-9 - High Byte	Blue_1-18 - High Byte
6	Blue_1 - Low Byte	Blue_1-2 - Low Byte	Blue_1-9 - Low Byte	Blue_1-18 - Low Byte
7	White_1 - High Byte	White_1-2 - High Byte	White_1-9 - High Byte	White_1-18 - High Byte
8	White_1 - Low Byte	White_1-2- Low Byte	White_1-9 - Low Byte	White_1-18 - Low Byte
9	Red_2 - High Byte	Red_3-4 - High Byte	Red_10-18 - High Byte	
10	Red_2 - Low Byte	Red_3-4 - Low Byte	Red_10-18 - Low Byte	
11	Green_2 - High Byte	Green_3-4 - High Byte	Green_10-18 - High Byte	
12	Green_2 - Low Byte	Green_3-4 - Low Byte	Green_10-18 - Low Byte	
13	Blue_2 - High Byte	Blue_3-4 - High Byte	Blue_10-18 - High Byte	
14	Blue_2 - Low Byte	Blue_3-4 - Low Byte	Blue_10-18 - Low Byte	
15	White_2 - High Byte	White_3-4 - High Byte	White_10-18 - High Byte	
16	White_2 - Low Byte	White_3-4 - Low Byte	White_10-18 - Low Byte	
17	Red_3 - High Byte	Red_5-6 - High Byte		
18	Red_3 - Low Byte	Red_5-6 - Low Byte		
19	Green_3 - High Byte	Green_5-6 - High Byte		
20	Green_3 - Low Byte	Green_5-6 - Low Byte		
21	Blue_3 - High Byte	Blue_5-6 - High Byte		
22	Blue_3 - Low Byte	Blue_5-6 - Low Byte		
23	White_3 - High Byte	White_5-6 - High Byte		
24	White_3 - Low Byte	White_5-6 - Low Byte		
25	Red_4 - High Byte	Red_7-8 - High Byte		
26	Red_4 - Low Byte	Red_7-8 - Low Byte		
27	Green_4 - High Byte	Green_7-8 - High Byte		
28	Green_4 - Low Byte	Green_7-8 - Low Byte		
29	Blue_4 - High Byte	Blue_7-8 - High Byte		
30	Blue_4 - Low Byte	Blue_7-8 - Low Byte		
31	White_4 - High Byte	White_7-8 - High Byte		
32	White_4 - Low Byte	White_7-8 - Low Byte		
33	Red_5 - High Byte	Red _ 9-10 - High Byte		
34	Red_5 - Low Byte	Red _ 9-10 - Low Byte		
35	Green_5 - High Byte	Green _ 9-10 - High Byte		
36	Green_5 - Low Byte	Green _ 9-10 - Low Byte		
37	Blue_5 - High Byte	Blue _ 9-10 - High Byte		
38	Blue_5 - Low Byte	Blue _ 9-10 - Low Byte		
39	White_5 - High Byte	White _ 9-10 - High Byte		
40	White_5 - Low Byte	White _ 9-10 - Low Byte		
41	Red_6 - High Byte			
42	Red_6 - Low Byte			

SL STRIP 10IP DMX Mapping (RGBW 16 Bit Mode)

DMX CHANNEL	10 Pixel MODE	5 Pixel MODE	2 Pixel MODE	1 Pixel MODE
	RGBW 16 BIT MODE			
43	Green_6 - High Byte	Green_16-18 - High Byte		
44	Green_6 - Low Byte	Green_16-18 - Low Byte		
45	Blue_6 - High Byte	Blue_16-18 - High Byte		
46	Blue_6 - Low Byte	Blue_16-18 - Low Byte		
47	White_6 - High Byte	White_16-18 - High Byte		
48	White_6 - Low Byte	White_16-18 - Low Byte		
49	Red_7 - High Byte			
50	Red_7 - Low Byte			
51	Green_7 - High Byte			
52	Green_7 - Low Byte			
53	Blue_7 - High Byte			
54	Blue_7 - Low Byte			
55	White_7 - High Byte			
56	White_7 - Low Byte			
57	Red_8 - High Byte			
58	Red_8 - Low Byte			
59	Green_8 - High Byte			
60	Green_8 - Low Byte			
61	Blue_8 - High Byte			
62	Blue_8 - Low Byte			
63	White_8 - High Byte			
64	White_8 - Low Byte			
65	Red_9 - High Byte			
66	Red_9 - Low Byte			
67	Green_9 - High Byte			
68	Green_9 - Low Byte			
69	Blue_9 - High Byte			
70	Blue_9 - Low Byte			
71	White_9 - High Byte			
72	White_9 - Low Byte			
73	Red_10 - High Byte			
74	Red_10 - Low Byte			
75	Green_10 - High Byte			
76	Green_10 - Low Byte			
77	Blue_10 - High Byte			
78	Blue_10 - Low Byte			
79	White_10 - High Byte			
80	White_10 - Low Byte			

SL STRIP 10IP DMX Mapping (RGBW 8 Bit Mode)

DMX CHANNEL	10 Pixel MODE	5 Pixel MODE	2 Pixel MODE	1 Pixel MODE
	RGBW 8 BIT MODE			
1	Red_1	Red_1-2	Red_1-5	Red_1-10
2	Green_1	Green_1-2	Green_1-5	Green_1-10
3	Blue_1	Blue_1-2	Blue_1-5	Blue_1-10
4	White_1	White_1-2	White_1-5	White_1-10
5	Red_2	Red_3-4	Red_6-10	
6	Green_2	Green_3-4	Green_6-10	
7	Blue_2	Blue_3-4	Blue_6-10	
8	White_2	White_3-4	White_6-10	
9	Red_3	Red_5-6		
10	Green_3	Green_5-6		
11	Blue_3	Blue_5-6		
12	White_3	White_5-6		
13	Red_4	Red_7-8		
14	Green_4	Green_7-8		
15	Blue_4	Blue_7-8		
16	White_4	White_7-8		
17	Red_5	Red_9-10		
18	Green_5	Green_9-10		
19	Blue_5	Blue_9-10		
20	White_5	White_9-10		
21	Red_6			
22	Green_6			
23	Blue_6			
24	White_6			
25	Red_7			
26	Green_7			
27	Blue_7			
28	White_7			
29	Red_8			
30	Green_8			
31	Blue_8			
32	White_8			
33	Red_9			
34	Green_9			
35	Blue_9			
36	White_9			
37	Red_10			
38	Green_10			
39	Blue_10			
40	White_10			

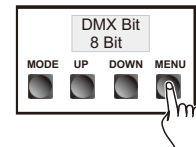Showline

1. **Setting the DMX Address**

    Press the "MODE' button to select and activate the "DMX" menu.
    Set the DMX address, DMX Bit, DMX Fade and DMX Channel. Press
    the "MENU" button to select and enter the desired menu.

    DMX Addr
    Addr:512
    MODE UP DOWN MENU
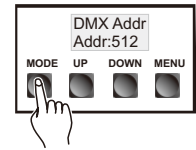
    The DMX Address Mode is indicated by "DMX Addr" followed by three
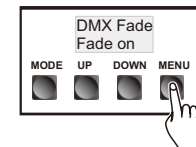   digits 001~512. Press the "UP " and "DOWN" buttons to change the
    DMX Address Value.

2. **Setting the DMX Bit resolution**

    Press the "MENU" button to select and activate the "DMX Bit" menu.
    Press the "UP " and "DOWN" buttons to change the DMX Bit Value
   between 8 Bit and 16 Bit.

    DMX Bit
    8 Bit
    MODE UP DOWN MENU

3. **Setting DMX Fade On/OFF**

    Press the "MENU" button to select and activate the "DMX Fade" menu. Press
    the "UP " and "DOWN" buttons to set the DMX Fade on or off.

    DMX Fade
    Fade on
    MODE UP DOWN MENU

4. **Setting the DMX Channel**

    Press the "MENU" button to select and activate the "DMX Ch" menu.
    Press the "UP " and "DOWN" buttons to change the DMX Channel
   Value between 1 pixel, 2 pixels, 5 pixels and 10 pixels.

    DMX Ch
    1 Pixel
    MODE UP DOWN MENU
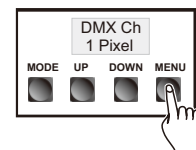
Chase Mode:

The unit has 10 built-in chase programs. Use this mode to select a built -in chase and edit the speed and fade
information.

1. **Setting the Chase Program:**

    Press the "MODE" button to activate the Chase Mode. Press the "MENU"
    button to select and activate the"Chase Program" menu. The chase pattern is
    displayed in the LCD as "Chase Prog " followed by the chase number. Press
    the "UP" and "DOWN" button to select and activate the desired chase.
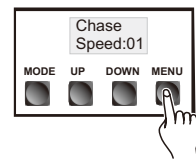
    Chase
    Prog:01
    MODE UP DOWN MENU

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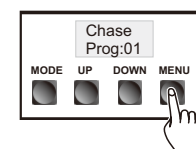
2. Chase Speed Menu:

Press the "MENU' button to select the "Chase Speed" menu.

In this menu, you can adjust the program chase speed.

Press the "UP " and "DOWN" buttons to adjust the chase speed from 01 to 99. A value of 99 will give you the fastest chase speed (approx.1/10th of a second) . A value of 01 will give you the slowest chase speed (once every 30 seconds).
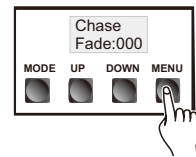
3. Chase Fade Menu:

Press the"MENU" button to select the"Chase Fade" menu.
In this menu, you can adjust the program fade speed.

Press the "UP " and "DOWN" buttons to adjust the fade speed from 000 thru 100.

4. Chase Dimmer Menu:

Press the "MENU" button to select the "Chase Dimmer" menu.
In this menu, you can adjust the program light output.

Press the "UP" and "DOWN " buttons to adjust the light output intensity from 000 to 255. A value of 000 will give you the minimum output intensity and a value of 255 will give you the maximum output intensity.
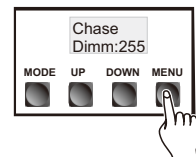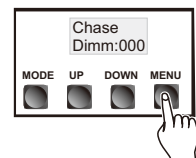
Manual Mode:

Use this mode to manually set the Red, Green, Blue, and Cool White intensity.

Press "MODE" button to select and activate "Manual" menu. In this menu, you can adjust the intensity of each color. Press "MENU" button to toggle the color between R, G, B and W.

Press the "UP " and "DOWN" buttons to adjust the color intensity from 000 to 255.
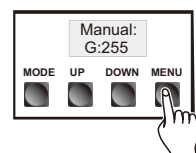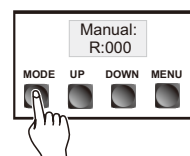
Note: When the LCD backlight is off, pressing any button will activate the LCD display and show the current operating temperature.

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SL STRIP 10IP RDM Parameter IDs

The following tables outline and describe all the RDM parameters IDs associated with SL STRIP 10IP.

Table 1: SL STRIP 10IP RDM Parameter IDs

SL STRIP 10IP					
UID					
MSB of ESTA 50H	*LSB of ESTA 82H*	*MSB of Unique Seq.*	*LSB of Unique Seq.*	*MSB of Unique Seq.*	*LSB of Unique Seq.*
Model ID	*0x1000*		**Product Category**	*0x0105*	
Manufacturer	*Vari-Lite Asia*				
Model Description	*SL STRIP 10IP*				
Supported PIDs					
Get Allowed	**SET Allowed**	**RDM Parameter ID's**	**Value**	**Comment**	**Implemented**
Category – Network Management					
		DISC_UNIQUE_BRANCH	0x0001		✓
		DISC_MUTE	0x0002		✓
		DISC_UN_MUTE	0x0003		✓
✓		PROXIED_DEVICES	0x0010		
✓		PROXIED_DEVICE_COUNT	0x0011		
✓	✓	COMMS_STATUS	0x0015		
Category - Status Collection					
✓		QUEUED_MESSAGE	0x0020		✓
✓		STATUS_MESSAGES	0x0030		✓
✓		STATUS_ID_DESCRIPTION	0x0031		✓
	✓	CLEAR_STATUS_ID	0x0032		✓
✓	✓	SUB_DEVICE_STATUS_REPORT_THRESHOLD	0x0033		
Category - RDM Information					
✓		SUPPORTED_PARAMETERS	0x0050	* Support required only if supporting Parameters beyond the minimum required set.	✓
✓		PARAMETER_DESCRIPTION	0x0051	- Support required for Manufacturer-Specific PIDs exposed in SUPPORTED_ PARAMETERS message.	✓
Category – Product Information					
✓		DEVICE_INFO	0x0060		✓
✓		PRODUCT_DETAIL_ID_LIST	0x0070		
✓		DEVICE_MODEL_DESCRIPTION	0x0080		✓
✓		MANUFACTURER_LABEL	0x0081		✓
✓	✓	DEVICE_LABEL	0x0082		✓
✓	✓	FACTORY_DEFAULTS	0x0090		
✓		LANGUAGE_CAPABILITIES	0x00A0		
✓	✓	LANGUAGE	0x00B0		
✓		SOFTWARE_VERSION_LABEL	0x00C0		✓
✓		BOOT_SOFTWARE_VERSION_ID	0x00C1		
✓		BOOT_SOFTWARE_VERSION_LABEL	0x00C2		

Table 1: SL STRIP 10IP RDM Parameter IDs

Get Allowed	SET Allowed	RDM Parameter ID's	Value	Comment	Implemented
		Category - DMX512 Setup			
✓	✓	DMX_PERSONALITY	0x00E0		✓
✓		DMX_PERSONALITY_DESCRIPTION	0x00E1		✓
✓	✓	DMX_START_ADDRESS	0x00F0	* Required if device uses a DMX Slot	✓
✓		SLOT_INFO	0x0120		✓
✓		SLOT_DESCRIPTION	0x0121		✓
✓		DEFAULT_SLOT_VALUE	0x0122		
		Category – Sensors 0x02xx			
✓		SENSOR_DEFINITION	0x0200		✓
✓	✓	SENSOR_VALUE	0x0201		✓
	✓	RECORD_SENSORS	0x0202		
		Category – Dimmer Settings 0x03xx Future			
		Category – Power/Lamp Settings 0x04xx			
✓	✓	DEVICE_HOURS	0x0400		
✓	✓	LAMP_HOURS	0x0401		
✓	✓	LAMP_STRIKES	0x0402		
✓	✓	LAMP_STATE	0x0403		
✓	✓	LAMP_ON_MODE	0x0404		
✓	✓	DEVICE_POWER_CYCLES	0x0405		
		Category - Display Settings 0x05xx			
✓	✓	DISPLAY_INVERT	0x0500		
✓	✓	DISPLAY_LEVEL	0x0501		
		Category – Configuration 0x06xx			
✓	✓	PAN_INVERT	0x0600		
✓	✓	TILT_INVERT	0x0601		
✓	✓	PAN_TILT_SWAP	0x0602		
✓	✓	REAL_TIME_CLOCK	0x0603		
		Category – Control 0x10xx			
✓	✓	IDENTIFY_DEVICE	0x1000		✓
	✓	RESET_DEVICE	0x1001		
✓	✓	POWER_STATE	0x1010		
✓	✓	PERFORM_SELFTEST	0x1020		
✓		SELF_TEST_DESCRIPTION	0x1021		
	✓	CAPTURE_PRESET	0x1030		
✓	✓	PRESET_PLAYBACK	0x1031		

Table 2: SL STRIP 10IP Manufacturer Status IDs

Manufacturer Defined Status IDs				
Manufacturer Specific messages are in the range of 0x8000 —0xFFDF. Each Manufacturer-specific Status ID shall have a unique meaning, which shall be consistent across all products having a given Manufacturer ID. See Table B-2, ANSI E1.20-2010				
Status Message ID	**Value**	**Data Value 1**	**Data Value 2**	**Status ID Description**
8100H		00H	00H	ALL OK

Table 3: SL STRIP 10IP Manufacturer Specific PIDs

Manufacturer Specific PIDs									
Manufacturer Defind PIDs range is 0x8000-0xffdf. See Table A-3, ANSI E1.20-2010									
Get Allowed	SET Allowed	RDM Parameter Id's	TYPE	LENGTH	UNIT	PREFIX	MIN	MAX	DEFAULT	DESCRIPTION
✓	✓	8A00H	U8	1	NONE	NONE	0	1	0	DMX Fade on/off
✓	✓	8AB2H	U8	1	NONE	NONE	1	10	1	Chase program
✓	✓	8AB1H	U8	1	NONE	NONE	0	99	0	Chase Speed
✓	✓	8A92H	U8	1	NONE	NONE	0	100	0	Chase Fade
✓	✓	8A94H	U8	1	NONE	NONE	0	255	0	Chase Dimmer
✓	✓	8AA1H	U8	1	NONE	NONE	0	255	0	Manual red
✓	✓	8A0CH	U8	1	NONE	NONE	0	255	0	Manual green
✓	✓	8AA0H	U8	1	NONE	NONE	0	255	0	Manual blue
✓	✓	8AA2H	U8	1	NONE	NONE	0	255	0	Manual white
✓	✓	8A44H	U8	1	NONE	NONE	0	1	0	Calibration On/off

TECHNICAL SPECIFICATIONS

1.   Operational Specifications

Source:	10 homogenized 4-in-1 RGBW LED Arrays
Beam Angle:	6 degree native beam angle. 15, 25 or 11 x 38 degree diffuser lens
Light Output:	2240 lumens
Color Temerature:	2700 - 6500K (user adjustable)
Input Voltage:	100V to 240V(+/- 10%, auto-ranging)
Power Consumption:	150 Watts(max).
Frequency:	50/60Hz
Control Protocols:	DMX512(1990) / DMX512A (RDM) / On-Board Menu
Ambient Temperature:	-20 to 40 Degrees C (-4 to 104 Degrees F)
Humidity:	5%-95% Non condensing
Cooling:	Silent passive cooling
Weight:	7.5kg (16.5 lbs) - Luminaire only (no mount, AC input cable or accessories)
Housing:	Die Cast aluminium with Powder Coating
Compliance:	CE / C-Tick marked and ETL listed
IP Rating:	IP65

Note: Common model specifications shown. For specific model specifications, features, and accessories, refer to the product specification sheet for more details.

1.   Luminaire Dimensions

Sh⦿wline

Sh⊕wline
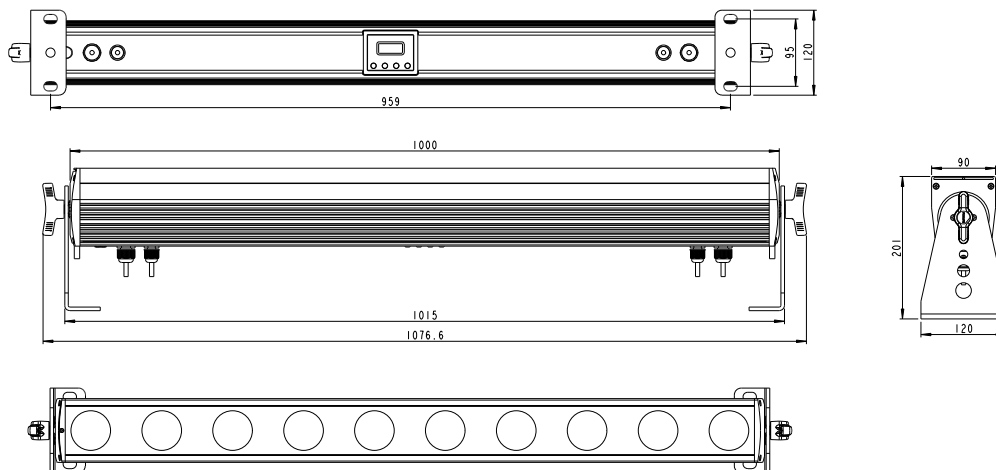
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