

Showline

SL STRIP 10 IP LED LUMINAIRE



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CAUTION: Possible hazardous optical radiation may be emitted from the products described herein. Do not stare directly into light sources. May be harmful to the eyes.



Note: The light source contained in this luminaire shall only be replaced by the manufacturer, authorized service center or suitably qualified person.

Document Number: **SL STRIP 10 IP LED Luminaire QuickStart Guide**

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SL STRIP 10 IP LED Luminaire QuickStart Guide

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QuickStart Guide

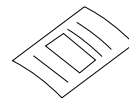
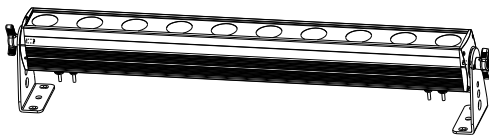
About Quickstart Guide

This Quickstart Guide is intended for a knowledgeable user to unpack, install, and use SL STRIP 10IP LED Luminaires in a short time period. For the complete manual in PDF format, please visit our web site at: www.philips.com/showline and click the user manual download link on the product page. The complete manual provides you all information related to accessories, menu structures, DMX channel mapping/modes, and care for your new luminaire.

Included Items

Each SL STRIP 10 IP LED Luminaire includes the following items:

SL STRIP 10 IP LED Luminaire



QuickStart Guide
(this document)

Figure 1-1: Included Items



Warnings and Notices

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

- READ AND FOLLOW ALL SAFETY INSTRUCTIONS
 - Do not mount near gas or electric heaters.
 - Equipment should be mounted in locations and at heights where it will not readily be subjected to tampering by unauthorized personnel.
 - The use of accessory equipment not recommended by the manufacturer may cause an unsafe condition.
 - Do not use this equipment for other than intended use.
- Refer service to qualified personnel.

SAVE THIS DOCUMENT FOR FUTURE REFERENCE! READ COMPLETELY BEFORE INSTALLING AND USING PRODUCT!



WARNING: You must have access to a mains 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.

Service and Maintenance

For all service and maintenance issues, please contact your local Showline office or an Authorized Service Center.

Power Requirements

The SL STRIP 10 IP LED Luminaire operates on AC input voltages from 110 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 110 to 240 volts AC (+/- 10%, auto-ranging). The luminaire contains an auto-ranging power supply. Each luminaire can draw up to 150 Watts.



WARNING: Maximum amount of units that may be daisy-chained is (A) 11 units 120VAC (15 Amps) or (B) 20 units 230VAC (15 Amps). Refer to [Table 1-1](#) for detailed information at various voltages.



Note: For wiring of AC input connector, refer to [Connecting SL STRIP 10IP LED Luminaire to AC Power](#).

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

Voltage (AC)	Total Current (A)	Voltage (AC)	Total Current (A)
110	1.36	180	0.83
120	1.25	190	0.79
130	1.15	200	0.75
140	1.07	210	0.71
150	1.0	220	0.68
160	0.94	230	0.65
170	0.88	240	0.63



WARNING: *These figures are based on the Maximum Allowable Input Current of 15 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 AC Output Connection of SL STRIP 10IP LED Luminaires. DO NOT CONNECT OTHER TYPES OF LUMINAIRES OR DEVICES!
- Only use approved cable types.
- Do not overload circuits!
- Do not connect SL STRIP 10IP LED Luminaire to dimmed circuits.
- The MAXIMUM allowable number of SL STRIP 10 IP LED Luminaire which can be 'daisy chained' on one 15A power feed are 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 10 IP LED Luminaire to AC Power](#).
- Connection from the AC output of another SL STRIP 10 IP LED Luminaire. When using this method, it is very important not to connect any other type of equipment.



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

Connecting SL STRIP 10 IP LED Luminaire to AC Power

[Table 1-2, AC Input Connections](#) describes how to connect power to your SL STRIP 10 IP LED Luminaire. Field wiring of the SL STRIP 10 IP LED Luminaire is straight-forward. A total of 3 wires/conductors is supplied to this unit.

Table 1-2: AC Input Connections

Wire Color	Purpose
Brown	Main / Line (110 to 240VAC)
Blue	Neutral
Green/Yellow	Ground (Earth)

AC Input and Output Connections

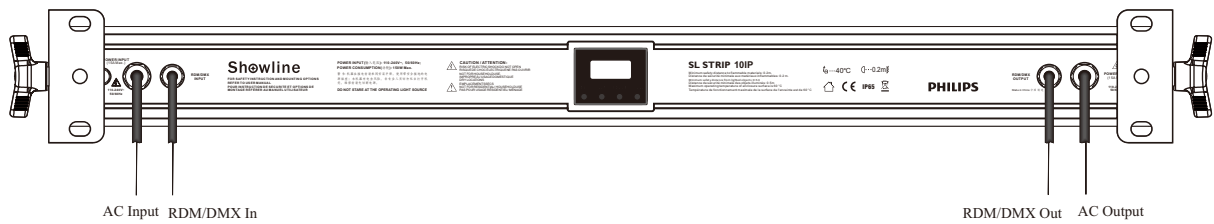


Figure 1-2: AC Input & Output Connections

Connecting to the DMX Network

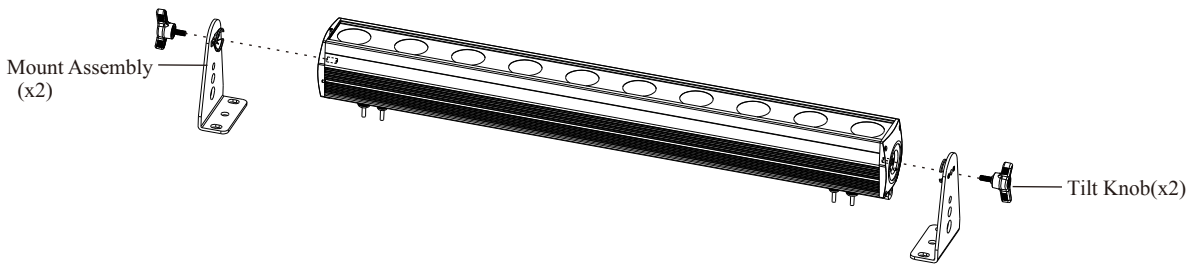
Basic DMX512 installation consists of connecting multiple SL STRIP 10IP LED Luminaires together (up to 32 luminaires) in “daisy-chain” fashion. A cable runs from the control console (or DMX512 control source) to the DMX connector on the first SL STRIP 10IP LED Luminaire. Another cable runs from the other DMX connector on the first unit to a DMX connector on the next SL STRIP 10IP LED Luminaire (or DMX512 device to be controlled).

Table 1-3: DMX 512 Connections

DMX512 Signal	Wire Color
Common (Drain)	Black
DMX512 -	White
DMX512 +	Red

Mounting Luminaire

SL STRIP 10 IP LED Luminaires are provided with the ability to fix the unit on the Mount assemblies by the tilt knobs. If the units are mounted in a hanging application, 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 airflow for a safety cooling and positioning.



Hanging Application

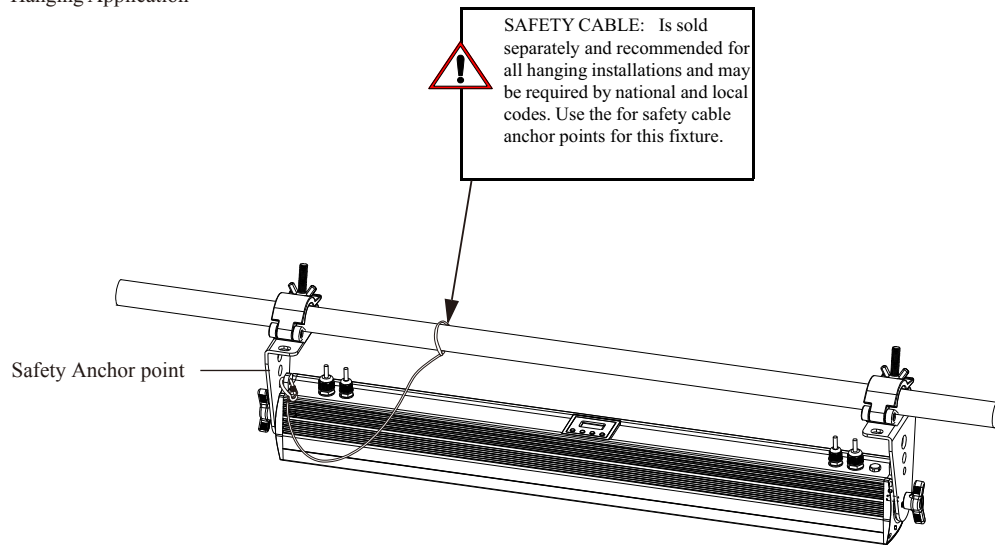


Figure 1-3: Mounting Luminaire

LCD Display and Menu System

SL STRIP 10 IP LED Luminaire

The SL STRIP 10 IP LED Luminaire's LCD Display and Menu System provides local control for accessing the following fixture's settings:

- Effects (Chases - preloaded and user defined)
- Timing
- Fixture Settings
- Status
- DMX Setting

Note: If there are multiple luminaires in a system, changes would need to be made at each LCD Menu as desired. For SL STRIP 10IP LED Luminaire menu structure, please refer to the complete user manual.

LCD Display and Menu System Operation

The LCD Display Menu system consists of several categories. Use the MODE Button to access and make changes to the menu items. When the desired menu item is reached, press the desired MENU Button to display the menu options and to navigate and configure the menu options as required.

To navigate and access menu settings/selections:

- Step 1. Make sure unit is powered and turned on.
- Step 2. Press the desired button (as shown in **Figure 1-4**) to access menu categories.
- Step 3. Use UP | DOWN buttons to navigate through the various options and settings.
- Step 4. Make changes as desired.

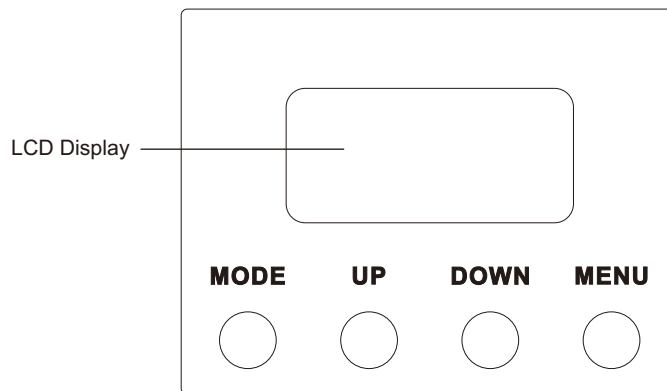


Figure 1-4: Menu System



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