110 Volt Strobe Light
Permanent Mount - 88 Flashes p/ Minute - 6' Cord w/ 110V Cord Cap
Instruction Manual

Thank you for your purchase of the Larson Electronics SLEDB-110V-6C.

WARNING:

READ CAREFULLY BEFORE INSTALLING FIXTURE. RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE. CRITICAL SAFETY INSTRUCTIONS:

- INSTALLATION SHOULD ONLY BE CONDUCTED BY A QUALIFIED ELECTRICIAN IN ACCORDANCE WITH NEC AND ANY RELEVANT LOCAL BUILDING CODES.
- RISK OF FIRE OR ELECTRIC SHOCK. FIXTURE INSTALLATION REQUIRES KNOWLEDGE OF FIXTURE'S ELECTRICAL SYSTEMS. IF NOT QUALIFIED, CONTACT A QUALIFIED ELECTRICIAN.
- BE CERTAIN ELECTRICAL POWER IS OFF BEFORE AND DURING INSTALLATION AND MAINTENANCE.
- MAKE SURE THE SUPPLY VOLTAGE IS THE SAME AS THE FIXTURE'S RATED VOLTAGE.
- TO PREVENT WIRING DAMAGE OR ABRASION, DO NOT EXPOSE WIRING TO EDGES OF SHEET METAL OR SHARP OBJECTS. SUITABLE FOR DAMP LOCATIONS.

IMPORTANT

READ CAREFULLY BEFORE INSTALLING THIS FIXTURE. SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE. THE SLEDB-110V-6C MUST BE WIRED IN ACCORDANCE WITH NATIONAL ELECTRICAL CODE AND ALL APPLICABLE LOCAL CODES. PROPER GROUNDING IS REQUIRED FOR SAFETY.

WE STRONGLY ENCOURAGE ONLY A LICENSED ELECTRICIAN INSTALL, OPERATE AND MAINTAIN THIS PRODUCT. IF YOU ARE NOT QUALIFIED OR UNFAMILIAR WITH ANY ASPECT OF THIS INSTRUCTION SHEET, CONSULT AN ELECTRICIAN. THERE ARE NO SERVICEABLE PARTS INSIDE.

WARNING: MAKE SURE POWER IS TURNED **OFF** BEFORE STARTING THE INSTALLATION OR PERFORMING ANY MAINTENANCE.

RISK OF FIRE/ELECTRIC SHOCK – DISCONNECT POWER AT BREAKER BEFORE INSTALLING OR SERVICING.
RISK OF PERSONAL INJURY – FIXTURE MAY BECOME UNSTABLE OR DAMAGED IF NOT INSTALLED PROPERLY.
RISK OF BURN – ALLOW FIXTURE TO COOL BEFORE SERVICING.

WARNING: OPERATE ONLY AT THE VOLTAGE LISTED ON THE PRODUCT. DO NOT OPERATE IN CLOSE PROXIMITY OF COMBUSTIBLE OR FLAMMABLE MATERIALS. NEVER LOOK DIRECTLY AT LIGHT WHEN ON.

WARNING: CONSULT A QUALIFIED ELECTRICAL PROFESSIONAL/ELECTRICIAN TO INSTALL THIS DEVICE IN ACCORDANCE WITH APPROPRIATE LOCAL AND NEC CODES AND REGULATIONS.

WARNING: TO BE INSTALLED AND/OR USED IN ACCORDANCE WITH APPROPRIATE ELECTRICAL CODES AND REGULATIONS.

WARNING: DEVICE IS SUITABLE FOR INSTALLATION IN WET LOCATIONS; GFCI PROTECTION RECOMMENDED.

WARNING: ALTHOUGH FIXTURE IS WATERPROOF, IT IS NOT DESIGNED OR INTENDED TO BE SUBMERGED.

WARNING: DO NOT ALLOW LINE VOLTAGE WIRES TO BECOME SUBMERGED!

- ALL OUTDOOR INSTALLATIONS AND INDOOR INSTALLATIONS NEAR A WET LOCATION REQUIRE THE USE OF A GFCI DEVICE FOR SAFETY, ACCORDING TO THE NATIONAL ELECTRICAL CODE® (NEC).
- KEEP AWAY FROM FLAMMABLE OBJECTS. DO NOT POSITION WITHIN ONE (1) INCH OF ANY COMBUSTIBLE MATERIALS.
- IF DROPPED OR DAMAGED, THE UNIT MAY NO LONGER BE WATERPROOF AND SHOULD BE REPLACED.
- TO AVOID HAZARDS TO CHILDREN, ACCOUNT FOR ALL PARTS AND DESTROY PACKING MATERIALS.

GROUND-FAULT CIRCUIT INTERRUPTER (GFCI)

In the event of a ground fault, a GFCI will trip and quickly stop the flow of electricity to prevent serious injury.

Definition of a ground fault:
Instead of following its normal safe path, electricity passes through a person's body to reach the ground. For example, a defective appliance can cause a ground fault.

A GFCI receptacle does **NOT** protect against circuit overloads, short circuits, or shocks. For example, you can still be shocked if you touch bare wires while standing on a non-conducting surface, such as a wood floor.

NOTE:
GFCI's contain a lockout feature that will prevent RESET if:

- There is no power being supplied to the GFCI.
- The GFCI is miswired due to reversal of the LINE and LOAD leads.
- The GFCI cannot pass its internal test, indicating that it may not be able to provide protection in the event of a ground fault.

GFCI TEST

Use an approved GFCI tester or plug an electrical device, such as a lamp into the receptacle on which you are working. Turn the lamp or device ON. Then, press the TEST button on the GFCI box and power should immediately be switched off. If not, contact an electrician. Press the RESET button to restore power.

The SLEDB-110V-6C from Larson Electronics is a Class 1 LED Beacon that works on 110/120V AC, offers a choice of several colors and is equipped with an aluminum base. The SLEDB-110V-6C is also equipped with a 6 foot long cord that is terminated in a choice of 125V general area cord caps.

INSTALLATION

This unit comes pre-assembled with the selected color from factory. Follow the steps below for installing and maintaining the strobe light.

MOUNTING

Mount beacon to any flat surface utilizing the aluminum base predrilled with three holes for standard self tapping screws. Mount in any direction. Run cable and connect to compatible power source following all local, state, national NEC codes.

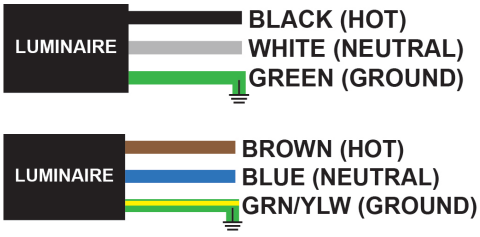
WIRING

Standard pigtail(flying leads) wiring

We strongly encourage a licensed electrician install this product, in all locations especially in outdoor areas where weatherproofing may be required. Universal voltage driver permits operation at 110V/ 120V AC.

Warning: *Check product label for correct input voltage!*

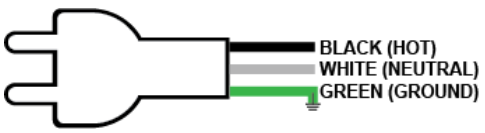
Attach supply line wires to the appropriate light fixture wires as shown in the diagram ➔



Secure each pair of wires according to the diagram. Utilize a junction box or similar device and take precautionary steps for weatherproofing all connections if installed in a location where water may come in contact with the unit. Ensure the unit is properly grounded and that wiring is done according to all local and national electrical/building codes.

Standard Cord Cap

This unit comes pre-wired from factory with the selected cord cap. Take precautionary steps for weatherproofing all connections if installed in a location where water may come in contact with the unit. All outdoor installations and indoor installations near a wet location require the use of a GFCI device for safety, according to the National Electrical Code® (NEC). Ensure the unit is properly grounded.

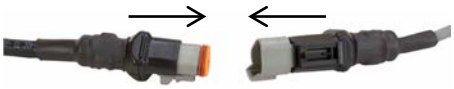


Take precautionary steps for weatherproofing all connections if installed in a location where water may come in contact with the unit. Ensure the unit is properly grounded.

If top light output is not required, a circular piece of reflective tape is included to increase visibility to the sides. Simply remove colored lens held in place by four screws, peel off paper revealing the adhesive side, and stick reflective tape to the top of lens from the inside with the reflective side facing down, toward the light.



COLOR MAY VARY



DEUTSCH CONNECTOR

FLASH TUBE REMOVAL

WARNING: Risk of Electric Shock. Lamp **MUST** be removed from power source and discharged prior to performing maintenance!

Flash tube is easily removed by inserting a flat blade screwdriver between socket and tube and prying upward, working around the base of the tube.

MAINTENANCE

Caution: To avoid personal injury, disconnect power to the light and allow the unit to cool down before performing maintenance.

Warning: No user serviceable parts inside of fixture. Risk of electric shock. Removal of the lens will void the warranty.

1. Perform visual, mechanical and electrical inspections on a regular basis. We recommend routine checks to be made on a yearly basis. Frequency of use and environment should determine this. It is recommended to follow an Electrical Preventive Maintenance Program as described in NFPA 70B: Recommended practice for Electrical Equipment.
2. The lens should be cleaned periodically as needed to ensure continued photometric performance. Clean the lens with a damp, non-abrasive, lint-free cloth. If not sufficient, use mild soap or a liquid cleaner.
3. Inspect the cooling fins on the luminaire to ensure that they are free of any obstructions or contamination (i.e. excessive dust build-up). Clean with a non-abrasive cloth if needed.
4. Do not operate if the lens is cracked or damaged. All fasteners should be properly seated.

USE AND CARE

Unauthorized modification may impair the function and/or safety of this device and could affect the life of the equipment. Always check for damaged or worn out parts before using the device. Store it in a secure place out of the reach of children when not in use. Inspect for good working condition prior to storage and before re-use.

REPLACEMENT PARTS

The SLEDB-110V-6C is designed to provide years of reliable performance. Should the need for replacement parts arise, please contact Larson Electronics.

THESE INSTRUCTIONS MAY NOT COVER ALL DETAILS OR VARIATIONS OF THIS PRODUCT FOR YOUR EQUIPMENT OR INSTALLATION REQUIREMENTS. SHOULD FURTHER INFORMATION NOT COVERED BY THESE INSTRUCTIONS BE REQUIRED, PLEASE CONTACT LARSON ELECTRONICS BY EMAIL AT SALES@LARSONELECTRONICS.COM OR BY PHONE AT 1-800-369-6671 FOR FURTHER ASSISTANCE.

PLEASE VISIT LARSONELECTRONICS.COM FOR **WARRANTY** AND **RETURN** INFORMATION.