250W High Bay LED Fixture

100-277V AC - Aluminum - Cold Forged Housing - IP66
Instruction Manual

Thank you for your purchase of the Larson Electronics GAU-HB-50L-LED-WP-WCM.

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 LUMINAIRES 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 RATED LUMINAIRE FIXTURES VOLTAGE.
- TO PREVENT WIRING DAMAGE OR ABRASION, DO NOT EXPOSE WIRING TO EDGES OF SHEET METAL OR SHARP OBJECTS. SUITABLE FOR DAMP LOCATIONS.
- THIS LIGHT REQUIRES AT LEAST TWO PEOPLE FOR MOUNTING

IMPORTANT

READ CAREFULLY BEFORE INSTALLING THIS FIXTURE. SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE. THE GAU-HB-50L-LED-WP-WCM 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.

The GAU-HB-50L-LED-WP-WCM High Bay LED Fixture from Larson Electronics is designed for industrial work sites and elevated lighting requirements. The 250-watt fixture operates on 100-277V AC and emits 36,000 lumens of white light during use. Made out of aluminum with an acrylic lens, the unit caters to Hook, Bracket and Pipe mounting configurations.

MOUNTING

The GAU-HB-50L-LED-WP-WCM features a variety of mounting options: Hook, Bracket and Pipe. For hook mounting configurations, the LED fixture can hang suspended in the air, via a small eyelet located at the back of the unit. When secured using a mounting bracket, the configuration offers 180° of rotation. Pipe mounting configurations are suitable for sturdy support in overhead positions.

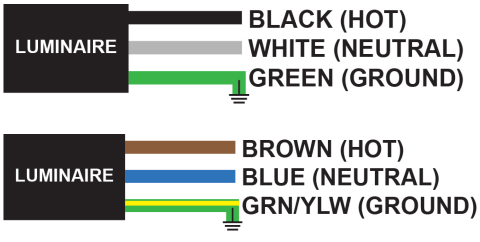
WIRING

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 100V - 277V 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.

INSTALLATION

We strongly recommend only a licensed electrician install this product. Make sure power is disconnected prior to installing. Fixture must be mounted to a surface that can structurally support the load.



Mount following the steps below:

1. Disconnect power at electrical panel.

2. Mount light by Hook, Bracket or Pipe. For hook mounting configurations, the LED fixture hangs suspended in the air, via a small eyelet located at the back of the unit. When secured using a mounting bracket, the configuration offers 180° of rotation. Pipe mounting configurations are suitable for sturdy support in overhead positions.



3. Wire the whip/power leads to power source following all applicable N.E.C, local, and state codes. Use proper weatherproofing for electrical connections as necessary. This fixture is IP65 rated waterproof.

   Voltage: 100-277V AC

4. Restore power.

This light is “instant-on” and will illuminate once power is supplied to the unit. DO NOT look directly at LED’s when powering.

Wire Diagrams



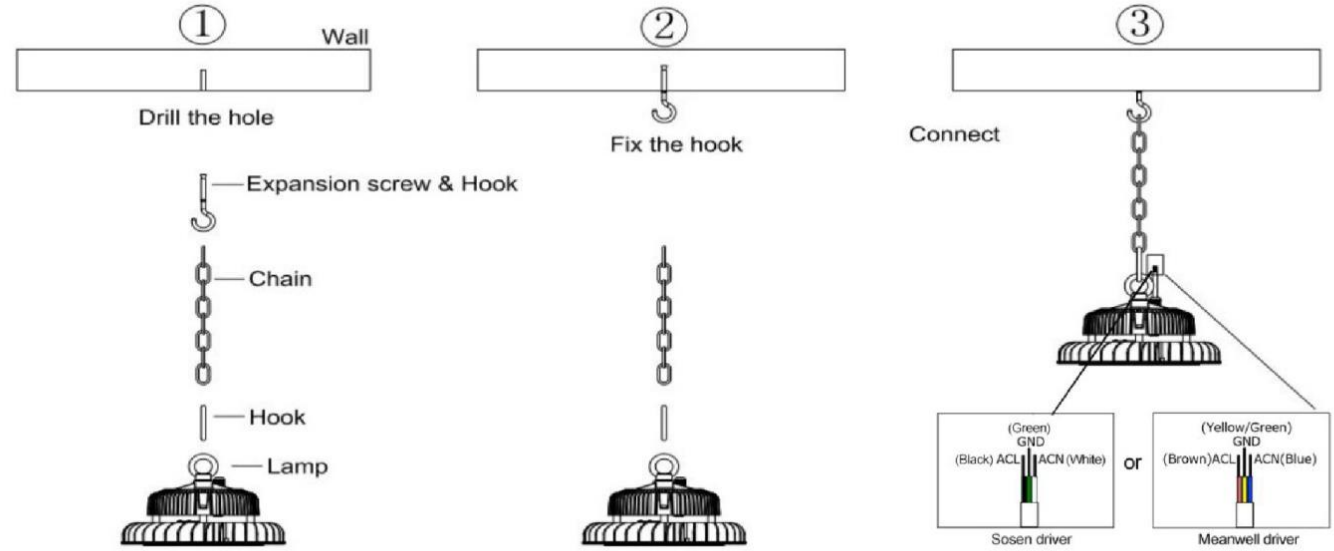
100-277V AC Line Voltage
Confirm voltage with product nameplate!



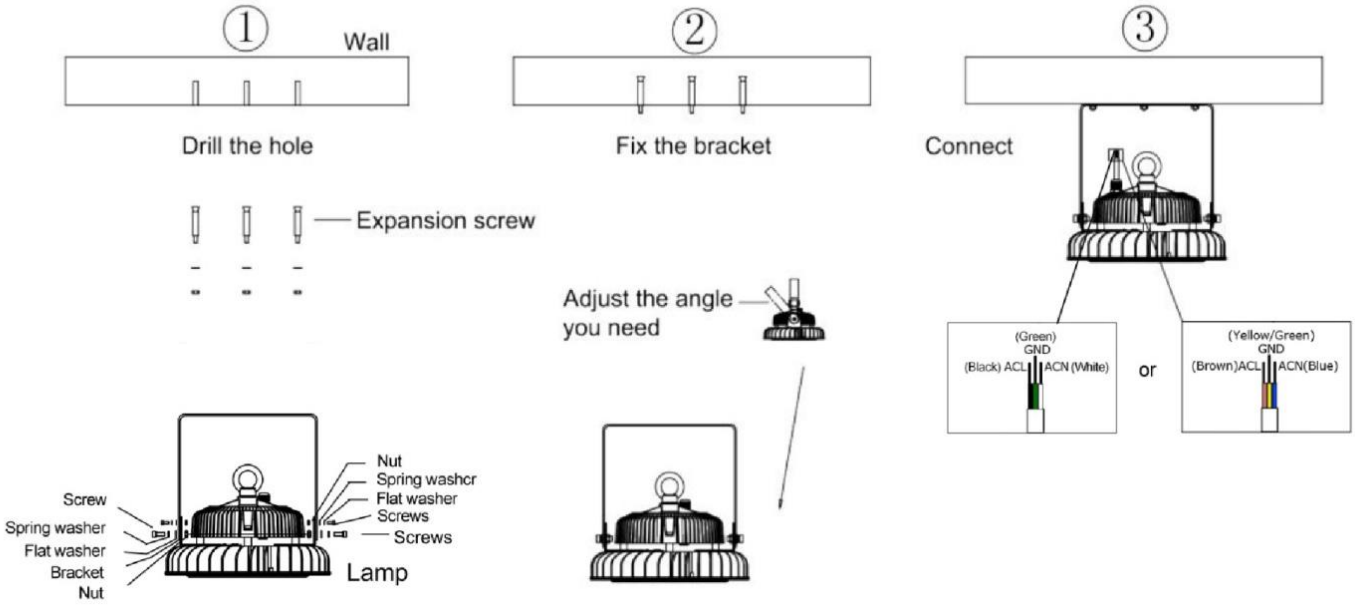
Use 0 ~ 10VDC Dimmer Only. Do not connect to high voltage line.

MOUNTING

Suspension Mounting:



Bracket Mounting



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, electrical, and mechanical inspections on a regular basis. The environment and frequency of use should determine this. However, it is recommended that checks be made at least once a year. We recommend an Electrical Preventive Maintenance Program as described in the National Fire Protection Association Bulletin NFPA No. 70B: Recommended Practice For Electrical Equipment Maintenance (www.nfpa.org).

2. The lens should be cleaned periodically to ensure continued lighting performance. To clean, wipe the lens with a clean, damp cloth. If this is not sufficient, use a mild soap or a liquid cleaner such as Collinite NCF or Duco #7. Do not use an abrasive, strong alkaline, or acid cleaner. Damage may result.

3. Visually check for undue heating evidenced by discoloration of wires or other components, damaged parts, or leakage evidenced by water or corrosion in the interior. Replace all worn, damaged, or malfunctioning components, and clean gasket seals before putting the luminaire back into service.

4. 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.

5. Do not operate if the lens is cracked or damaged. All fasteners should be properly seated.

6. Electrically check to make sure that all connections are clean and tight.

7. Mechanically check that all parts are properly assembled.

8. To prevent heat build-up, remove dust from the fins on the LED housing, using a soft brush or air pressure.

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 GAU-HB-50L-LED-WP-WCM 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.