Lens Replacement Kit for HAL-BMSW Series Hazardous Location Lights Instruction Manual

Do not attempt installation until you are familiar with all warnings, precautions, and procedures outlined within this instruction sheet.

INSTALLATION PRECAUTIONS

- Do not install fixture in any classified location where the marked operating temperature exceeds the ignition temperature of the hazardous atmospheres. Consult fixture nameplate for the suitability ambient temperature shown on the nameplate. Refer to fixture nameplate for minimum supply wire temperature rating.
- Verify that the supply voltage agrees with fixture rating as indicated on nameplate. All local and national electrical/building codes must be followed when installing this lighting fixture. For code interpretation, consult your local authority. Product must be used only with lens intact and all cap threads fully engaged. Do not use if lens is cracked or damaged.

Caution: Only use lamp size, type and /or wattage as shown on fixture nameplate.

INSTALLATION

We strongly recommend that only a licensed electrician install this product.

WARNING: *Make sure that the power is disconnected before installing. This fixture is extremely heavy and must be mounted to a surface that can structurally support the load. An optional drop mounting kit that will allow for end to end row mounting is available, please consult factory.*

WARNING: *Do not let fixture hang on one bracket at any time. Failing to comply can result in breakage of and end casting or mounting bracket allowing the fixture to fall which can cause serious injury or death.*

- Disconnect the fixture from power and ensure unit is cool to the touch.
- Unlatch the light cover and remove the current lens.
- Replace old lens with new replacement lens.
- Secure the lens cover to the fixture using the latches.
- Reconnect fixture to power and continue use.

It is strongly suggested to use two licensed electricians to proceed with the final mounting of the fixture to avoid any possible personnel injury or damage, and the fixture will be slightly awkward to hold in position and attach to brackets mounted on wall or ceiling. Depending on mounting height and scaffolding, a hydraulic man–lift or two good quality ladders should be used.

MAINTENANCE:

This light fixture provides low maintenance service. Electrical and mechanical inspection of all components must be performed on a regularly scheduled basic, determined by the environment and frequency of use. It is recommended that inspection be performed a minimum of once a year.

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. 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.
3. Electrically check to make sure that all connections are clean and tight.
4. Mechanically check that all parts are properly assembled.

Clean surfaces with a mild soap and water. Do not use abrasive materials such as scouring pads or powders, steel wool or abrasive paper.

Unauthorized modification may impair the function and/or safety of the light fixture and could affect the life of the equipment. Always check damaged or worn out parts before using the unit.

TROUBLESHOOTING

Most failures experienced are due to improper installation.
Therefore, most failure issues can be corrected by checking that:

- Wires are properly clamped into terminals.
- Installation is done according to the wiring diagram.
- Proper polarities and LED load maximums are observed.

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 HAL-BMSW-LKA 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.