



MaxLite® Hazardous Location Emergency Light – CID1

General Safety Information

- To reduce the risk of death, personal injury or property damage from fire, electric shock, falling parts, cuts/abrasions, and other hazards read all warnings and instructions included with and on the fixture box and all fixture labels.
- Before installing, servicing, or performing routine maintenance upon this equipment, please follow these general precautions.
- Commercial installation, service and maintenance of luminaires should be performed by a qualified licensed electrician.
- **DO NOT INSTALL DAMAGED PRODUCT!**
- Make sure that the supply voltage is the same as the luminaire voltage.
- Do not install where the marked operating temperatures exceed the ignition temperatures of the hazardous atmosphere.
- Do not operate in ambient temperatures above those indicated on the luminaire nameplate.
- All gasket seals must be clean and undamaged.
- To ensure safety, a safety rope can be used to fix the luminaire before installation.



Picture is for illustration purposes only. Your model may vary.

WARNING:

RISK OF ELECTRICAL SHOCK

- Turn off electrical power at fuse or circuit breaker box before wiring fixture to the power supply.
- Turn off the power when you perform any maintenance.
- Verify that supply voltage is correct by comparing it with the luminaire label information.
- Make all electrical and grounded connections in accordance with the National Electrical Code and any applicable local code requirements.
- All wiring connections should be capped with UL approved wire connectors.
- Luminaire must be supplied by a wiring system with an equipment grounding conductor.

CAUTION:

RISK OF INJURY

- Wear gloves and safety glasses at all times when removing luminaire from carton, installing, servicing or performing maintenance.
- Avoid direct eye exposure to the light source while it is on.
- Account for small parts and destroy packing material, as these may be hazardous to children.

CAUTION:

RISK OF FIRE

- Keep combustible and other materials that can burn away from luminaire and lamp/lens.
- **MIN 90°C SUPPLY CONDUCTORS.**

Models: HL-LI Series Emergency Backup Models

Operating characteristic:

Rated Voltage: 120-277 Vac
 Ambient Temperature Range: -20°C (-4°F) ~ +45°C (113°F)
 Charge time 24h, Discharge time 1.5h, Rated load 6W

This fixture is suitable for use in the following hazardous (classified) areas as defined by the National Electrical Code (NEC) and Canadian Electrical Code (CEC):

Hazardous Locations
 Class I, Division 1, Groups C, D

Compliances

UL 844
 UL 924
 CSA C22.2 No.30-1986
 CSA C22.2 No.137-M1981
 CSA C22.2 No.250.0
 CSA C22.2 No.250.13

Refer to the luminaire nameplate for specific classification information, maximum ambient temperature suitability and corresponding operating temperature (T-Code).



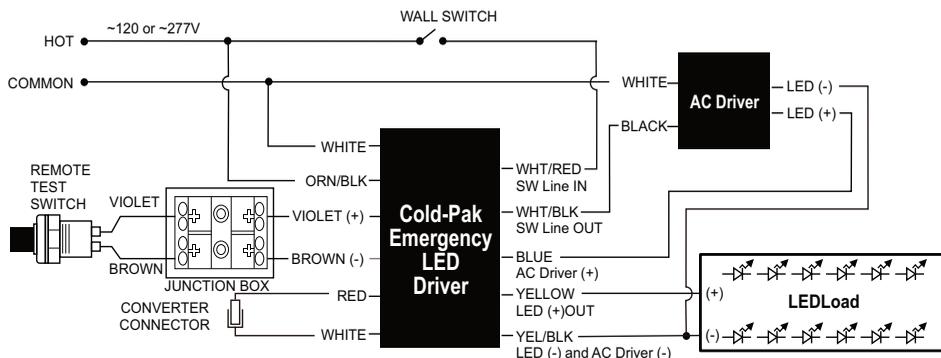
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General Wiring Diagram

CAUTION: Turn off electrical power at fuse or circuit breaker box before wiring fixture to the power supply.

Connecting panels to AC source supply:
All units must be individually connected to the AC supply.

- Black = Line (Wall Switch)
- White = Neutral
- Green = Ground
- ORN/BLK = Line



Installation & Operation

Electrical Connection:

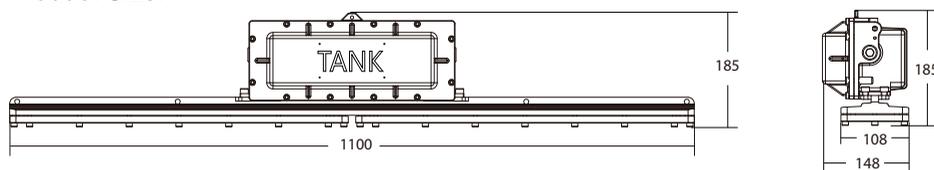
- Loosen the twelve pcs of M6 hexagon bolts on the Tank Cover at a torque value of 7 N-m.
- The thread of the entry hole to the Tank is 3/4" NPT; connect the tank to a suitable conduit.
- Insert the wire from outside the tank, through the conduit and entry hole, and into the tank housing; connect wire leads to the terminal block.
- Introduce the wires of the branch circuit as follows:
Black-wire connects to Line (Wall Switch)
White-wire connects to Neutral
Green-wire connects to Ground
ORN/BLK-wire connects to Line
- Connect the converter connector
- Re-attach the Tank Cover and tighten it using the eight pieces of M6 hexagon bolts on the tank cover at a torque value of 7 N-m.
- Check the tightness of the conduit and Tank Cover.

INSTALLING THE REMOTE TEST SWITCH IN HAZARDOUS LOCATION OR NON-HAZARDOUS LOCATION

This luminaire has provisions to install a remote mounted test switch for the battery. The remote test switch shall comply with the following:

- The remote test switch shall be certified for the area where it is to be installed (ordinary or hazardous locations).
- The remote test switch shall be of a manually operated type.
- The remote test switch shall be of:
 - Operated type and of momentary-contact type, or
 - Maintained-break type that opens all ungrounded conductors and be accessible to authorized persons.
- The remote test switch shall be installed using acceptable wiring methods for the areas involved in accordance with the NEC.
- The remote test switch shall be identified as to its function (i.e. – marked “Emergency Luminaire Test Switch”).
- When the remote test switch is installed, it has to be connected such that when it is depressed it provides a transfer function, disconnects and isolates the normal input from the emergency input.
- The rating of remote test switch is 6 Vdc, 0.5 A; and incorporating with lead wiring R/C (AVLV2/8), 105°C min., 600 Vac min.

Product Size:

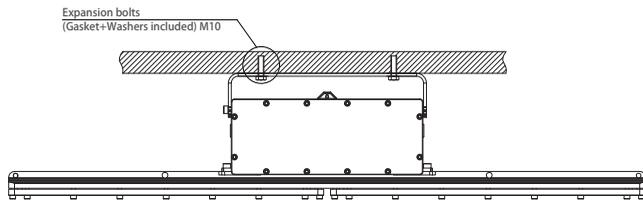




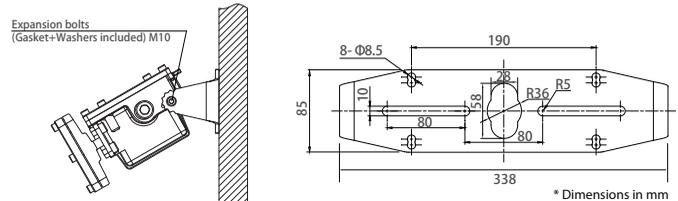
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Installation

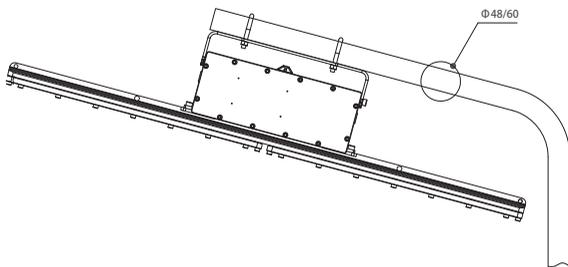
Ceiling Mount:



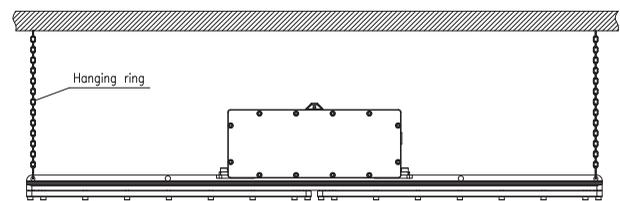
Wall Mount:



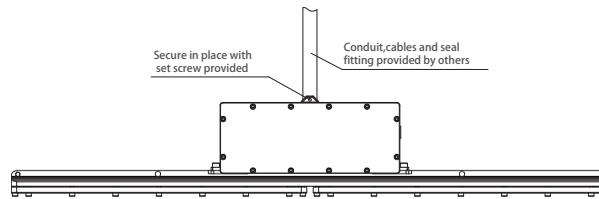
Stanchion Mount:



Hanging Ring Mount:



Pendant Mount:



Servicing

- To avoid personal injury, disconnect power to the light and allow the unit to cool down before performing maintenance.
- 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. Frequency of use and environment should determine this.
- The external glass should be cleaned periodically to ensure continued luminaire performance. Clean the glass with a clean, damp, non-abrasive, lint-free cloth. If this is not sufficient, use a mild soap or a liquid cleaner. Do not use an abrasive, strong alkaline or acid cleaner as damage may occur.
- Inspect the cooling fins on the luminaire to ensure that they are free of any contamination (i.e. excessive dust build-up). Clean with a non-abrasive cloth if needed.
- Mechanically check that all parts are properly assembled.
- Electrically check to make sure that all connections are clean and tight.

Housing

- Heavy-duty Anodized Die Casting aluminum
- Shell surface of electrostatic spraying, Long lasting and durable
- Exposed fasteners with quality stainless steel
- Excellent anti-corrosive property

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Warranty Information

MaxLite Inc. warrants its products for a minimum period of **FIVE (5)** years from the earlier of the actual installation date or 90 days after the original date of purchase from a MaxLite authorized distributor/dealer (the “Warranty Period”), as follows: If a Product fails to operate during the Warranty Period as a result of defects in materials or workmanship, MaxLite will, at its option, repair it, replace it with the same or like Product.

Please refer to Maxlite’s website (at <http://maxlite.com/resources/warranties>) for the complete coverage details as well as the terms and conditions of our warranty. Please note that it is NOT a requirement to register your warranty in order to initiate a warranty claim unless a Ten Year warranty has been purchased separately, or when applicable and/or purchased separately, your warranty contains a replacement labor allowance.

Limitation of Liability

THIS WARRANTY IS EXCLUSIVE, AND IS THE SOLE REMEDY FOR ANY AND ALL CLAIMS, WHETHER IN CONTRACT, IN TORT OR OTHERWISE ARISING FROM THE FAILURE OF PRODUCT AND IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ALL WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, WHICH WARRANTIES ARE HEREBY EXPRESSLY DISCLAIMED TO THE EXTENT PERMITTED BY LAW AND, IN ANY EVENT, SHALL BE LIMITED TO THE WARRANTY PERIOD SPECIFIED ABOVE. THE LIABILITY OF MAXLITE SHALL BE LIMITED TO THE TERMS OF THE EXPRESS WARRANTY SET FORTH HEREIN. IN NO EVENT WILL MAXLITE BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES INCLUDING, WITHOUT LIMITATION, DAMAGES RESULTING FROM LOSS OF USE, PROFITS, BUSINESS OR GOODWILL, LABOR COSTS, REMOVAL OR INSTALLATION COSTS, WHETHER OR NOT MAXLITE HAS BEEN ADVISED OF THE POSSIBILITY THEREOF. UNDER NO CIRCUMSTANCES SHALL MAXLITE’S ENTIRE LIABILITY FOR A DEFECTIVE PRODUCT EXCEED THE PURCHASE PRICE OF THAT PRODUCT (EXCLUDING LABOR WARRANTY COVERAGE WHERE SPECIFICALLY OFFERED BY MAXLITE). WARRANTY SERVICES PROVIDED UNDER THESE TERMS AND CONDITIONS DONOT ENSURE THE UNINTERRUPTED OPERATION OF PRODUCTS; MAXLITE SHALL NOT BE LIABLE FOR DAMAGES CAUSED BY ANY DELAYS INVOLVING WARRANTY SERVICE.

This Warranty gives you specific legal rights and you may also have other rights that may vary from state to state. Because some states or jurisdictions do not allow the exclusion or limitation of liability for consequential or incidental damages, such limitation may not apply to you.

IMPORTANT SAFEGAURDS

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

READ AND FOLLOW ALL SAFETY INSTRUCTIONS

- Do not let power supply cords touch hot surfaces.
- Do not mount near gas or electric heaters.
- Equipment should be mounted in locations and at heights where it will not 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 its intended use.

SAVE THESE INSTRUCTIONS

WARNING:

The user that all servicing should be performed by qualified personnel.

Max. mounting height: 15.6 ft (4.75m)*

It is not prohibited that the instructions for equipment tested at a height greater than 86 inches.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation