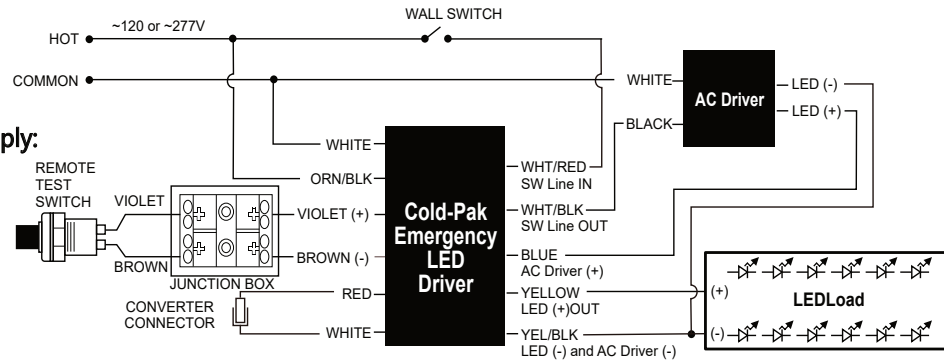


**HazLoc LED Luminaire**  
**General Wiring Diagram**

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

Connecting luminaire 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**

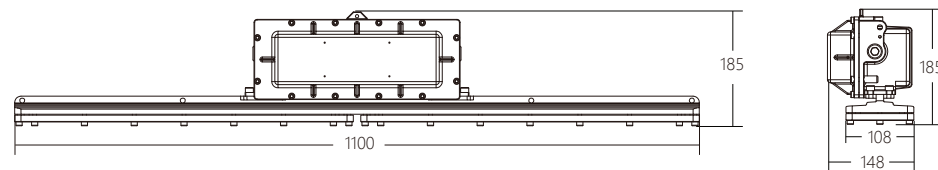
- Loosen the twelve pcs of M6 hexagon bolts of Tank Cover at torque value 7 N-m.
- The thread of entry hole of Tank Wiring 10m ponet is 3/4" NPT. Connect the Tank to suitable conduit.
- Inset the wire from outside through the conduit and the entry hole of Tank, and then connect to terminal block.
- Connect the branch circuit wires as following:
  - Black-wire connects to Line (WALL SWITCH)
  - White-wire connects to Neutral
  - Green-wire connects to Ground
  - ORN/BLK-wire connects to Line
- Connecting converter connector
- Re-attach the Tank Cover and tight it by eight pcs of M6 hexagon bolts of Tank Cover at torque value 7 N-m.
- Check the tightness of conduit and Tank Cover.

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

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

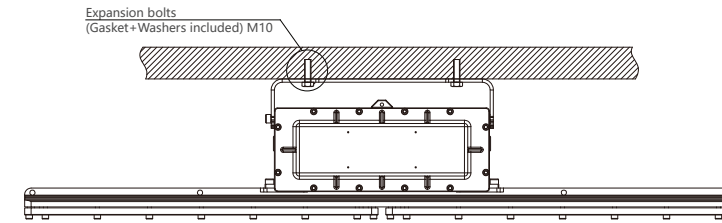
- The remote test switch shall be certified for the area where it is to be installed (ordinary or hazardous locations).
- The remote test switch shall be a manually operated type.
- The remote test switch shall be of:
  - Operated type and of momentary-contact type ,or
  - Maintained-break type that opens all ungrounded conductors and be accessible to authorized person.
- 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 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:

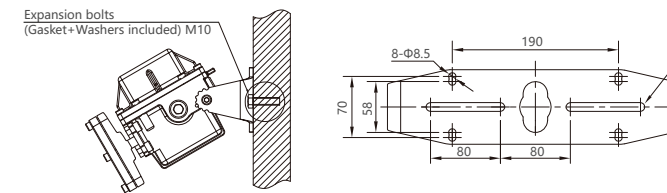


**HazLoc LED Luminaire**  
**Installation**

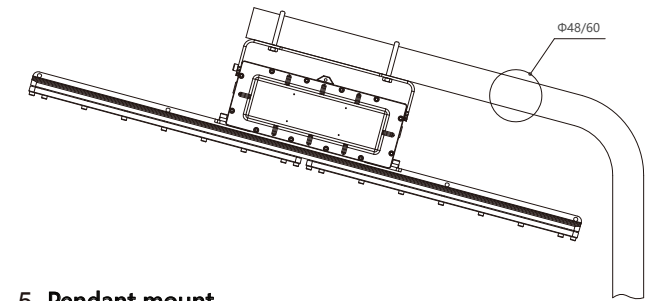
**1. Ceiling Mount**



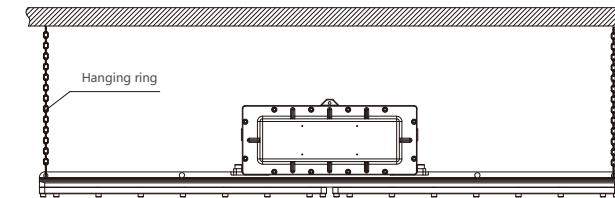
**2. Wall Mount**



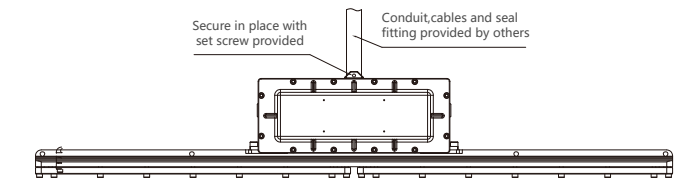
**3. Stanchion Mount**



**4. Hanging ring mount**



**5. 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 should be made at least once a year. Frequency of use and environment should determine this.
- The external lens should be cleaned periodically to ensure continued luminaire performance. Clean the lens 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. Organic solvent is absolutely forbidden to soak the lens.
- Inspect the cooling fins on the luminaire to ensure that they are free of any contamination (i.e. excessive dust pile-up). Clean with a non-abrasive cloth if needed.
- Mechanically check to make sure 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

# HazLoc LED Luminaire

## Warranty

We warrant that each of our LED lighting luminaire (the "Product(s)") that are purchased while this Warranty is in effect will be free from defects in materials and workmanship for the period of time specified in the table below (the "Warranty Period"). The Warranty Period runs from the date of original purchase from its authorized distributor/dealer.

We will repair, or at our option, replace the defective product (exterior finish, housing and heat sinks, lens, LED engine, power supply) during the standard warranty period. This warranty applies only to the repair or replacement of the product and only when the product is properly handled, installed and maintained according to our instructions.

This warranty excludes defects resulting from improper installation, acts of God, fire, vandal-ism or civil disturbances, power surges or improper power supply, and corrosive environment installations.

This warranty does not cover equipment, systems or components from other manufacturers that the Purchaser uses in conjunction with the Product. Any repair, alteration or modification of the Product, including replacement of Product components with components of other manufacturers will void the warranty in its entirety.

Product	Models Covered by Warranty	Warranty Period
Linear Tuff Series Emergency Hazloc LED Luminaire	LNT EM Series	Fixture - Five (5) Years Battery - Five (5) Years

### IMPORTANT SAFEGUARDS

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 ( 4.75 m)"

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

# HazLoc LED Luminaire

## 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, please 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!
- This fixture is intended to be connected to a properly installed and grounded UL listed junction box.
- 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.



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.

#### RISK OF FIRE

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

#### Models:

LNT-2-3-4-5-6-7-8-9

2 – Wattage	80 - 80W
3 – Voltage	120-277 - 120-277V AC
4 – Color Temperature	3K - 3000K, 4K - 4000K, 5K - 5000K
5 – Beam Angle	110 - 110°, 60 - 60°, T2 - Type II
6 – Hazloc Rating	H1 - C1D1
7 – Lens	CG - Clear Glass, DG - Diffuse Glass
8 – Finish Color	GRY - Grey
9 – Mounting	PND - Pendant, YKE - Yoke
10 – Battery	EM – 90 mins

- 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.137-M1981

CSA C22.2 No.30-M1986

CSA C22.2 No.250.0

CSA C22.2 No.250.13

#### Environmental Ratings

Suitable for wet location

IP 66 Rating

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