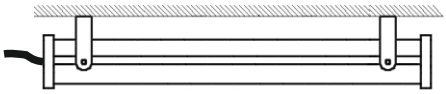
INSTALLATION INSTRUCTIONS

INDUS 2 Series

LED LUMINAIRE
EMERGENCY



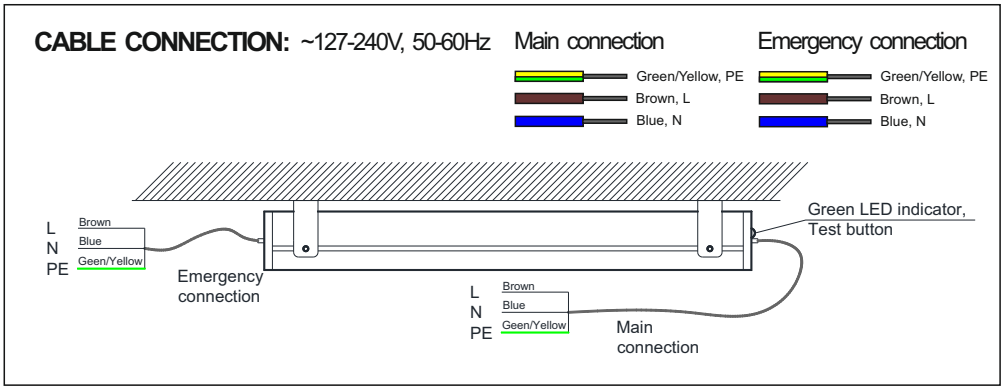
IMPORTANT SAFEGUARDS
READ AND FOLLOW ALL SAFETY INSTRUCTIONS

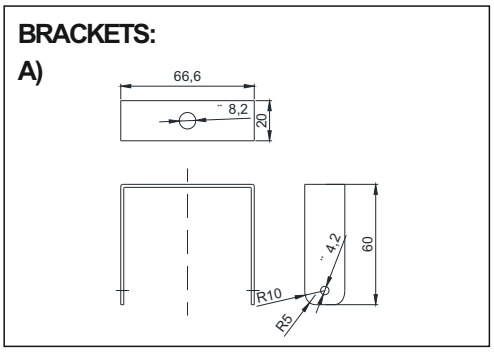
1. Before installing this fixture or doing any maintenance, make sure to turn off the power supply at the circuit breaker or fuse box.
2. Do not handle energized module with wet hands or when standing on wet or damp surfaces, or in water.
3. Check to make sure that all the fixture connections have been properly made and the fixture is grounded to avoid potential electrical shocks.
4. Product must be installed in accordance with NEC or your local electrical code. If you are not familiar with these codes and requirements, consult a qualified electrician.

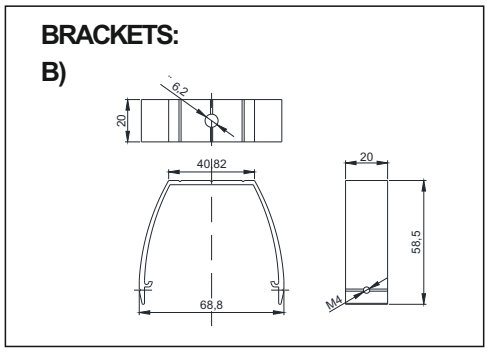
WARNING - Risk of Electric Shock. Suitable for damp locations. Maximum connected load with a single power supply shall not exceed maximum ampacity rating of #12 AWG THHN through-wire conductors. Use only lighting controls with relay or FET-based outputs, or lighting controls with neutral connection.
Avoid handling LEDs directly. Not intended for use in environments containing airborne corrosive agents such as chemical solvents, cleaners, or cutting fluids

- The INDUS 2 Series LED linear luminaire is for suspended, with cable or threaded rod, or surface mount applications using appropriate tong hangers. Reference individual mounting accessory installation instructions for specific mounting types.
- Designed for use in 127–240V, 50-60 Hertz protected circuit (fuse box, circuit breaker).

TO INSTALL:







• Activating NiCd batteries
When using rechargeable NiCd batteries for emergency lighting following point are essential in order to achieve the specified design life time of the batteries:
In order to activate new batteries, 2-3 full charging-discharging are needed to make sure batteries achieve their rated capacity. This activating process is defined by running 2-3 full charging (24 hrs) and discharging (1/2/3 hrs) cycles of the batteries. If this activation process is not conducted the emergency luminaire may not pass the initial duration test. If the first duration test fails, please repeat the test once again after a 24 hour charging period.

• Avoidance of excessive cycling
During building installations, in many cases, mains supply is not available on a permanent 24-hour basis which then leads to unwanted, uncontrolled excessive battery cycles. This has a very strong effect on the design life time of the battery.
Make sure that in such situations, the battery remains disconnected in the luminaire till the mains power supply is stable on a 24-hour basis.
It is strongly recommended to refer to the datasheets of Tridonic emergency control gears to avoid excessive cycling. At the same time, make sure that this information is handed over to the installation staff / electrician in order to ensure a proper way of installation and commissioning.

LED LUMINAIRE MAINTENANCE

Cleaning Instructions:
Regular cleaning of the light LED fixture is required to keep the LED fixture operating at optical performance. Prior to cleaning fixtures, turn power OFF to the fixture. Dust fixture regularly with a hand held vacuum with a clean, non-lead, soft bristle brush to remove any dust accumulation on the LED source on the LED and reflector surfaces. Cleaning intervals to be no more than twelve months for clean category environments and more frequently for dirtier conditions. Care should be taken as to not damage the LED stick and/or the interior reflective surface as these components are critical for optimal performance. DO NOT use any type of cleaners or stiff brushes on the LED fixture.

• Avoidance of deep-discharge conditions
It is very important that NiCd batteries are not left connected for long periods in a discharged state. Following options may lead to a deep discharge situation and must be avoided:
- Storage periods of rechargeable batteries of over 6 month without recharging the battery packs.
- Shipment, storage of assembled emergency luminaires with battery pack connected to the emergency driver.
- Long periods of mains-interruptions of more than two weeks, once, the emergency system is installed and the battery pack is connected to the emergency driver.

ENIM LIGHTING CE