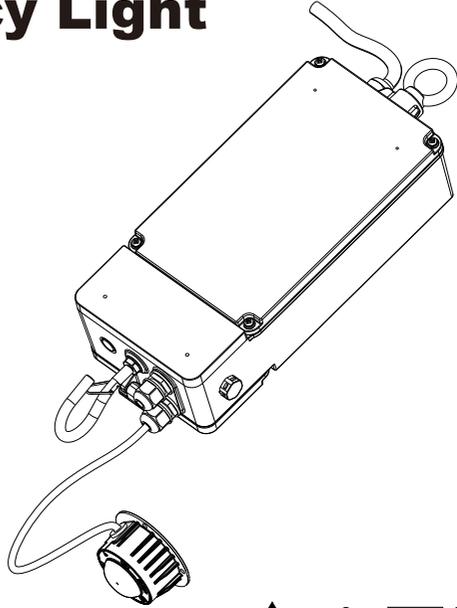
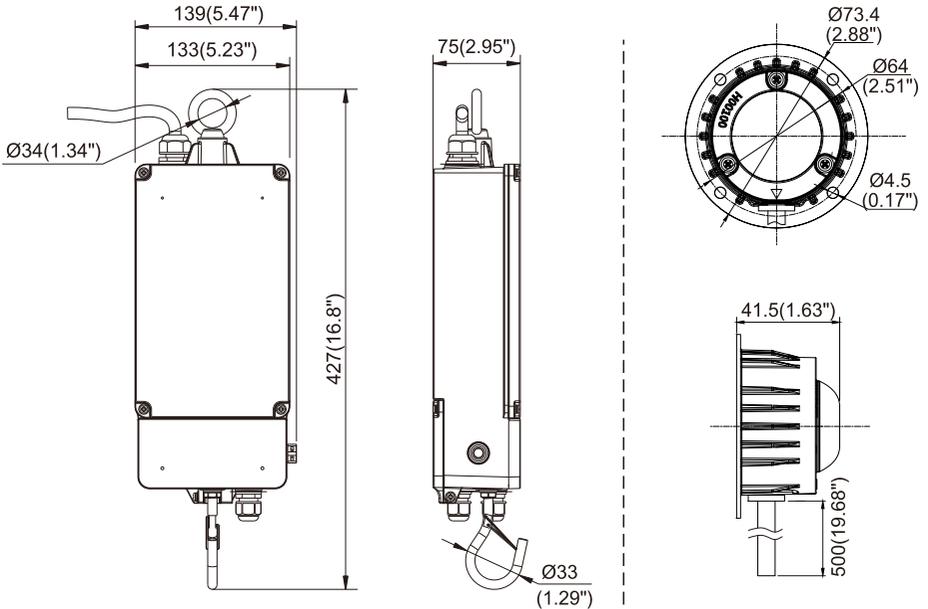


LED Emergency Light

Instruction Manual

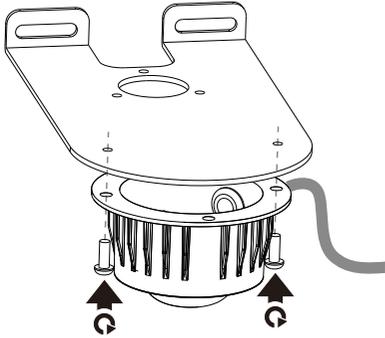
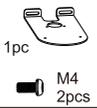


Physical Dimensions (Unit: mm/inch)



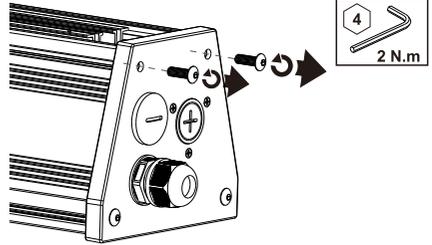
Installation

1

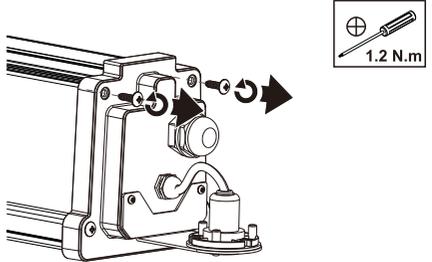


2

LHB35

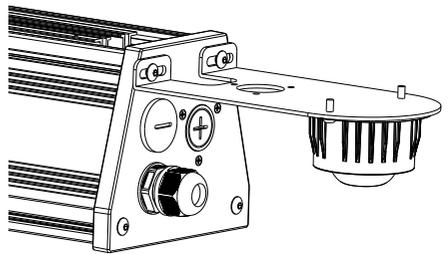
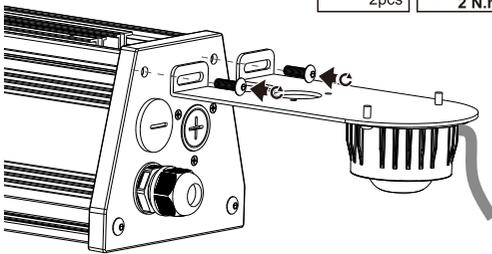


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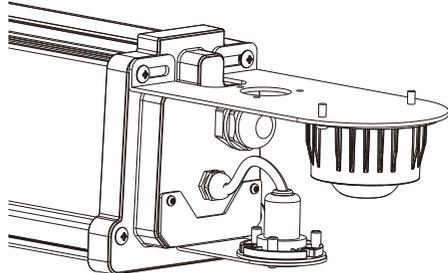
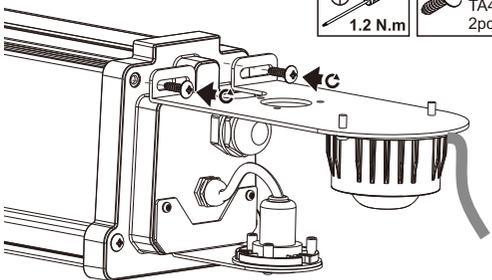


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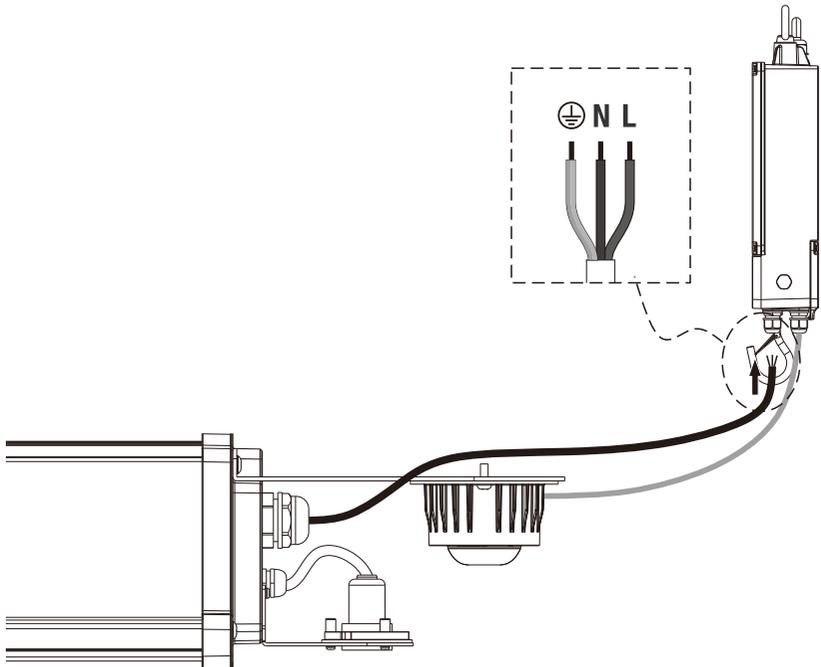
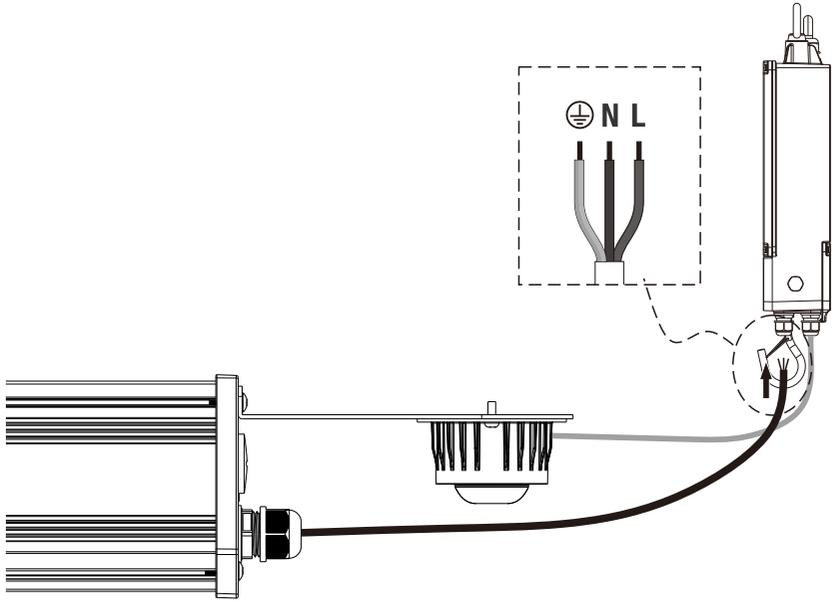
Illumina Linear Switchable



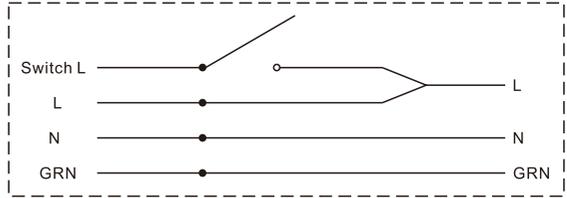
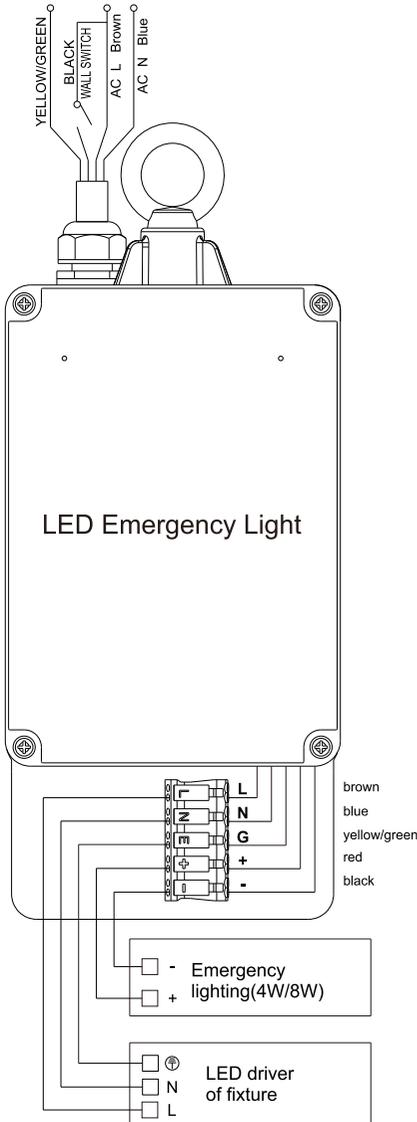
Illumina Linear UGR



4



Wiring Diagram



1. Main function:

The Lighting fixture connect to LED emergency light, the fixture work as normal. Emergency function will start automatically and last for 3 hours when power is off. Lighting fixture will work normally when power is on and it starts to recharge the battery.

2. Precautions :

This product should be installed by a registered electrician in accordance with local standards and electrical regulations. Take care to ensure the mains supply is isolated before installation. Check the unit label for correct supply voltage and frequency.

Instruction for Automatic test function

Once the unit is powered up, a self-diagnostics test will be automatically initiated:

- Check battery, lamp, charge board and transfer fault all the time.
- Run 3mins duration test every month.
- Run 1H or 3H duration test every year.

Note: All test functions are preset and no need field adjustment.

3. Dual color indicator LED status meanings:

- Green Solid On Ready/Normal Operation
- Red Requires Service

•	One flashes, 4 second pause	Battery not connected
••	Two flashes, 4 second pause	Low battery voltage
•••	Three flashes, 4 second pause	Low battery voltage
••••	Four flashes, 4 second pause	AC/DC transfer fault
•••••	Five flashes, 4 second pause	LED lamp fault

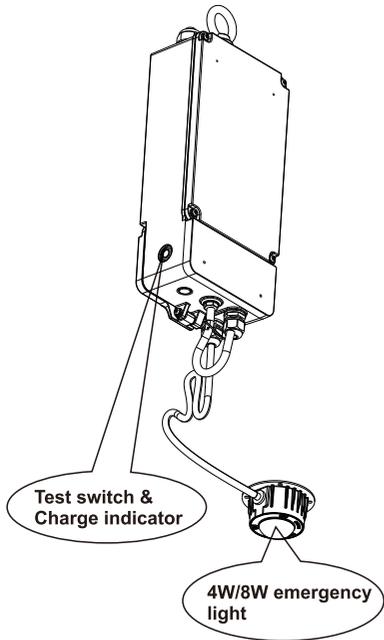
Note: after repairing a service fault, press and hold the test button for 2 seconds to reset the flashing indicator to green.

4. Manual testing:

Press test button once	30 second duration test
Press test button twice within 2 seconds	3 minute duration test
Press test button 3 times within 2 seconds	30 minutes duration test
Press test button 4 times within 2 seconds	3 hours duration test

5. Warning:

- a) In order to prevent electric shock, do not connect the connection terminal of emergency power battery with AC power supply before installation.
- b) First connect the LED light board and check the positive and negative poles to avoid reverse connection.
- c) Connect the output terminal of the driving power supply to the emergency power supply after ensuring no error.
- d) Connect the AC power supply according to the circuit diagram.
- e) When disassembling the product, first disconnect the AC power supply and unplug the battery, so as to avoid the risk of high-voltage burning out the LED drive or high-voltage electric shock caused by unplugging the lamp board in power emergency.
- f) After unplugging the battery, stay for 5 seconds, and then remove other circuits.



8. CAUTION

- The maximum emergency power is 8W
- When AC power on, do not touch or remove any wires to avoid electric shock
- Lighting fixture can only work normally when DC wires are correctly connected. Emergency light (4w/8w) will be damaged if AC output wires are connected with the DC output wires of the battery.

6. SERVICE & OPERATION:

- This DC supplied LED inverter for LED emergency lighting does not include batteries.
- The test switch connection should be installed by professional person.
- Reinforced insulation between live parts and accessible parts should be provided, and supplementary insulation between basic insulated wire connected to test switch (if applicable) and accessible surface should be provided.

7. Note:

- a) The LED inverter is proof against supply voltage polarity reversal.
- b) The LED inverter is for emergency lighting use only.
- c) Within ambient temperature range 0-50°C, the LED inverter will start and operate the lamp as declared voltage range.
- d) Reinforce insulation is used between the supply and the battery circuit.
- e) Recharging device will recharge the battery normally after the test of 22.3 according to EN 61347-2-7 (shut down immediately).
- f) Not use in luminaries for high-risk task.