



NIFTY Surface Mount Emergency

Installation & Maintenance Instruction Leaflet



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Designed in Australia to comply with the requirements of AS 60598-2.22:2019, AS/NZS 2293.3: 2018 and AS/NZS CISPR15: 2017

Models: **NIFTY-SM**
240V, 50Hz

Spare Parts:
1560106 Replacement Battery

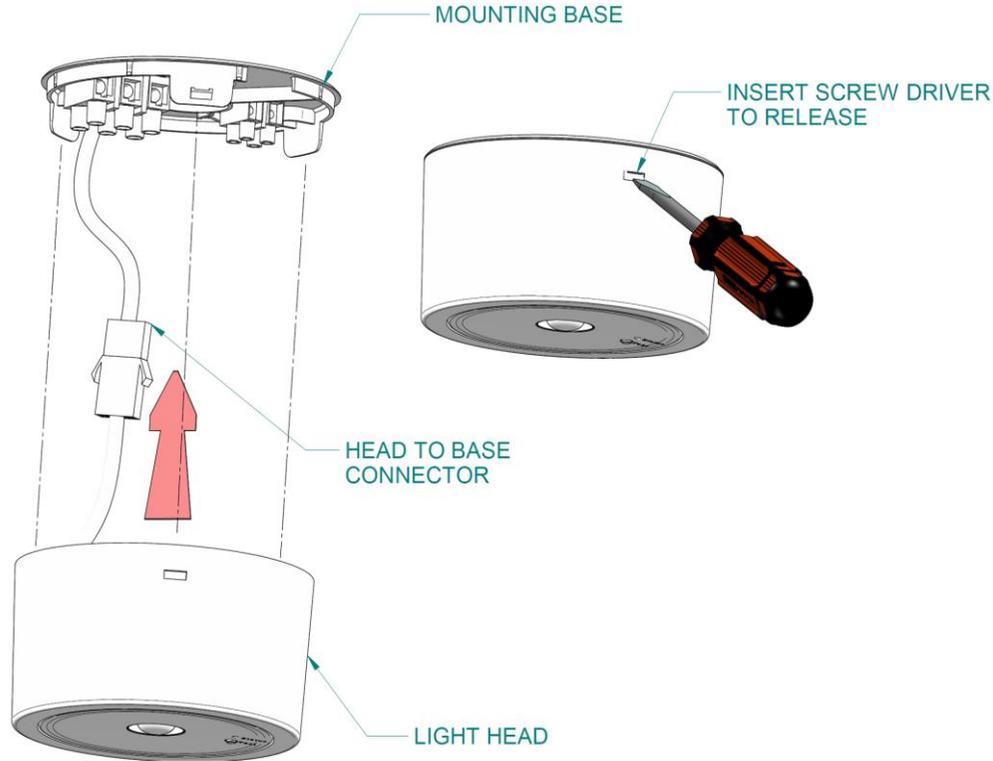
Warranty:
For Product Warranty information and Terms and Conditions of Sales please refer to our website <http://clevertronics.com.au/terms-conditions-sale-australia-nz/>

Important:
It is illegal for anyone, except for a licensed electrician to install or maintain this product. Before installation, ensure that the electricity supply has been switched off and isolated. Installation must be carried out in accordance with the relevant Australian and International Standards.

Installation:

The NIFTY-SM is a ceiling mount fitting. The luminaire can be attached directly to any solid surface using the mounting base supplied. Please follow the steps below to install the luminaire:

- Mains power must be switched off during Installation or Maintenance.
- Remove Mounting Base from the body by using a screw driver to disengage the clips.
- Using the Mounting base as template mark and drill suitable mounting holes.
- Fix mounting plate to ceiling using suitable fixings for the weight of the product.
- Route the 240VAC supply cable through the entry hole.
- Connect the 240VAC supply (L, N) to the terminal block of the gear tray. Terminal E is only for Looping of the earth wire and not required by the product to function.
- Make sure to connect the battery, then connect the light head to the mounting base.
- Align the 3 clips and push the light head onto the mounting base until all three clips are engaged.



Dimensions:



Battery Replacement:

1. Disengage the Light Head from the mounting base, Open the battery cover found on the top side of the product.
3. Remove the Battery Connector from the Emergency PCA.
4. Remove the battery from the battery compartment
5. Replace battery with the same type and part number and connect the battery connector to the Emergency Driver.
6. Secure the battery cover, and clip the light head to the base.

Testing:

When the NIFTY-SM is connected to the un-switched active, it must be allowed to charge the battery for at least 24 hours. The emergency lamp only illuminates during a power fail. Conduct the following tests:

- The emergency lamp must illuminate for at least 2 hours after disconnection from the mains. The results of all tests are required to be recorded in a service logbook, which is to be kept on-site at all times. If the unit fails to illuminate for the requisite time, remedial action must be taken to repair the situation and once completed, the unit must pass a subsequent test.
- Press and hold Test Button or switch Off Mains Supply, check that the emergency lamp is On.
- Release the Test Button or Switch On Mains Supply, check that the emergency lamp is Off (Non-maintained operation).

Trouble Shooting:

Fault: The Green LED indicator is not illuminated.
Check: A.C. is connected and is turned on.
Battery is connected.
Test Switch for damage.

Fault: Lamp does not illuminate in emergency mode.
Check: A.C. is connected.
Lamp Head is correctly connected.
Battery is connected

Fault: Lamp illuminates in emergency mode, but only stays on for a short period.
Check: Battery has been allowed to charge for at least 24 hours.
Battery for damage.

Fault: Green LED flashes once every 5 seconds-Battery is disconnected
Check: Battery is connected.

Fault: Green LED blinks off once every 5 seconds- Charging very flat battery
Allow 20min to recover battery then recheck

Fault: Green LED flashes at 2Hz (Fast flash)- Faulty battery
Replace battery

Rated Emergency Lumen Output in accordance with AS2293.1(refer to spacing tables for installation positions):

Refer to the Technical Label for classification information.

Caution:

On many building sites, power circuits may be cut off in an uncontrolled and repetitive basis during construction. As a result, any Exit & Emergency Units, on these circuits, will have their batteries discharged or "cycled". The battery in this fitting has been selected to give excellent long-life performance in a controlled AS2293 testing environment. Excessive battery cycling will reduce through-life performance and may lead to premature battery failure. Battery warranty claims, as a result of such abuse, are specifically EXCLUDED from Clevertronics warranty terms.