Trouble Shooting:

Below are a list of common problems and their possible causes.

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 in 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

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 Li-ion battery in the Exit & Emergency Unit has been selected to give excellent long life performance in a controlled IEC 60598-2-22 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.

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/

Trade Series IP20 CIRCLITE LED Luminaire

Installation & Maintenance Instruction Leaflet



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Models:

CIRC-xx-EM

Options:

Without Sensor	xx = blank
Microwave Sensor Hi/LO	xx = SEN
Dali Driver	xx = DD

Spare Parts:

1560150	Replacement Battery
8051415	Replacement LED Board
AUM03570050001	Replacement Emergency Driver
1330102	Replacement 240V Driver
1330103	Replacement 240V Driver (SEN version only)
1330067	Replacement 240V Driver (DD version only)

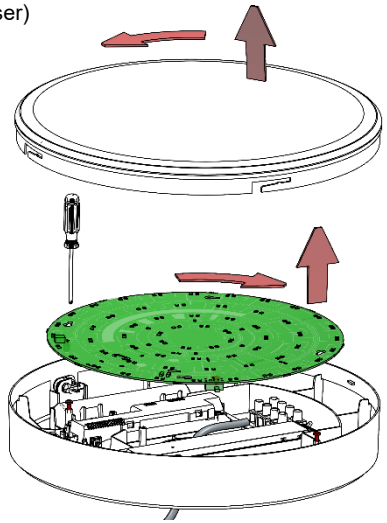
Important:

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.

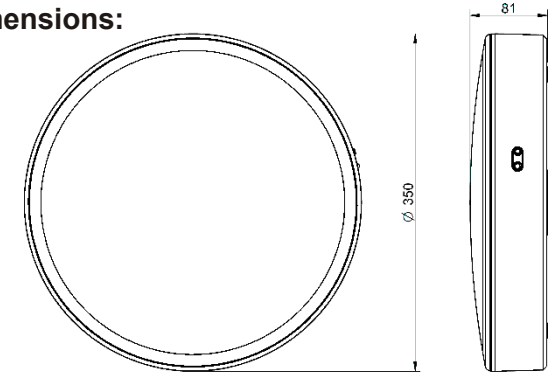
Installation:

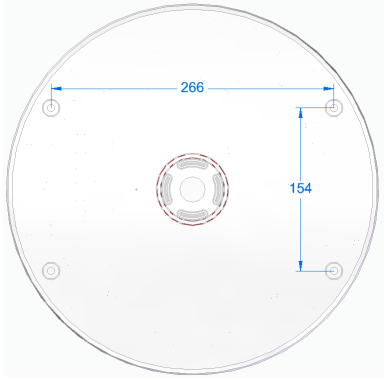
This product is a surface ceiling or wall mount fitting. Please follow below image and steps to install:

- Rotate the diffuser Anti-clockwise (facing towards the diffuser) then lift it from the base to remove it.
- Loosen the x4 LED board screws and rotate the board to clear the screw heads from their securing keyhole.
- Drill cable entry hole and mounting holes in the base.
- Position the circular light to desired location and mark out the fixing points on the mounting surface.
- Install appropriate fixing hardware.
- Route power supply cables through entry hole and fasten the circular light to the surface.
- terminate the supply cable to the terminal block according to the marked designation (L_{EM}, N, L_{SW}, ⏚,)
- Make sure battery is connected to the emergency driver. (For Non-Sensor version) Select Hi / Lo light level output.
- Reinstall the LED board by slotting the keyholes back to the x4 secure screws and tighten them.
- Set the LED CCT switch to desired colour (3000K / 4000K / 5700K) and reinstall the diffuser.



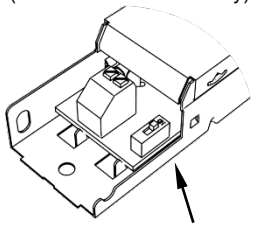
Dimensions:





Driver Setting:

(Non-Sensor Version Only)



ON – High Lumen Output
OFF – Low Lumen Output

Note:

This luminaire (with reinforced insulation between control/LED terminal and AC supply) contains non-user replaceable light source and battery - to be replaced (if required, refer installation instructions for battery replacement) by Clevertronics service personnel/agents or a registered electrician.

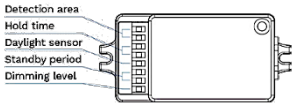
If flexible wiring is connected to this luminaire and is within arm's reach, the wiring shall be effectively fixed to the wall to reduce the risk of strangulation.

Battery Replacement:

1. Prior to any work, isolate the power to the luminaire that requires battery replacement.
2. Remove diffuser and LED board as per installation section.
3. Disconnect the battery connector, remove battery from the holder.
4. Replace with new battery and reconnect to Emergency Driver.
5. Reinstall the LED board and diffuser as per installation section.

Microwave Sensor Option

Refer to the supplementary operation guide supplied with the Product.
– Clevertronics Stallion Driver, Sensor Adjust.



Testing Procedure:

When the unit 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:

- For the first test, the emergency lamp must remain illuminated for at least 2 hours after disconnection from the mains supply. 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).