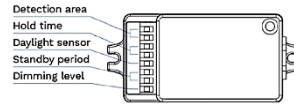


## Microwave Sensor Option

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



## IP20 CIRCULAR LED Luminaire Installation & Maintenance Instruction Leaflet



Designed in Australia to comply with the requirements of AS2293.3: 2018, AS CISPR15: 2017

**Models:** CIRC-xx-EM

**Options:**

**Microwave Sensor** xx = SEN

### Spare Parts:

1560150	Replacement Battery
8012305	Replacement Emergency LED Board
AUM03570050001	Replacement Emergency Driver
1330102	Replacement 240V Driver
1330103	Replacement 240V Driver (SEN version only)
1190134	Replacement Microwave Sensor

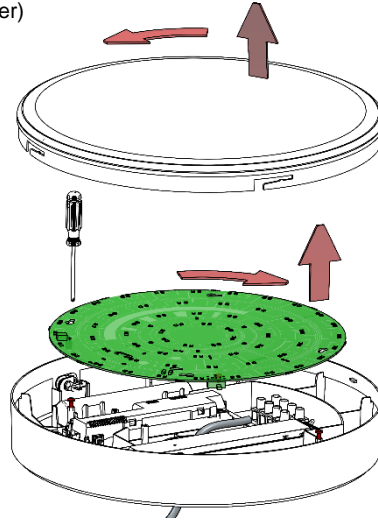
### Important:

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.

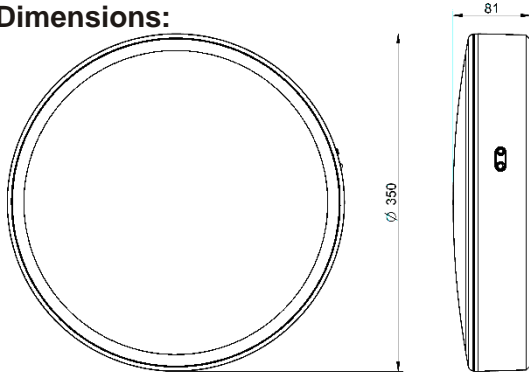
## Installation:

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

- Anti-clockwise rotate the diffuser (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<sub>EM</sub>, N, L<sub>SW</sub>, ⊥)
- 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.

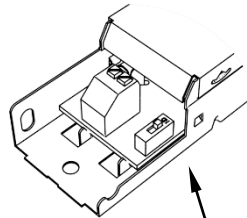


## Dimensions:



## 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.

## 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.

## 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:

- The emergency lamp must illuminate for at least 180 min after disconnection from the mains. 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:

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.

**Fault: Lamp does not illuminate in emergency mode.**

Check: A.C. is 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.

## 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.

## 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/>