LEDLITE™ ⓘ User Instructions

RTWPLED25MW

5ft 80W LED Non Corrosive Weatherproof Fitting - IP65 with Microwave Sensor

IP65 CE 220-240V

Please read these instructions and retain them for future reference.

Important information

It is recommended that the fittings are installed by a qualified electrician ensuring the installation complies to current IEE wiring regulations & local building control.
- These products are designed for connection to a 220-240V mains supply.
- We cannot accept responsibility for any claims arising from a poor installation.

Important User Advice
- Always switch off mains supply before installation.
- The fitting is suitable for indoor and outdoor use.
- The installation must not infringe on water pipes or any other electrical services.
- The light fitting is Class II and it does not require an earth connection.

Dimensions:

1480mm
1335mm
118mm
1270mm
80mm
69.5mm
118mm
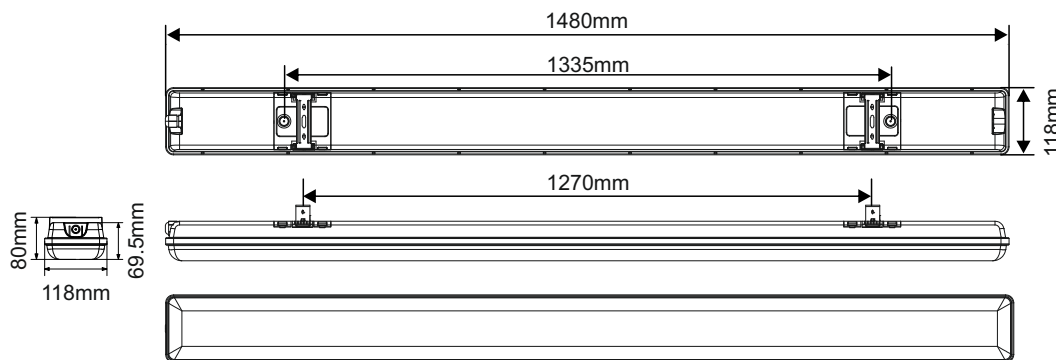
Specifications:
- Voltage Range: 220-240V
- Nom. Watts: 80W
- Lumen Output: 8400lm
- Colour Temp.: 5000K
- IP Rating: IP65
- Warranty: 3 Years
- ABS Base
- Stainless Steel Clips
- Not Dimmable

Package Includes:
- Snap-in Metal clips x 2pcs.
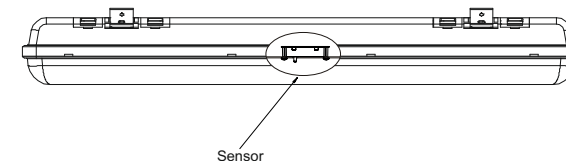- Plastic Wall Plugs x 4pcs.
- Screws x 4pcs.
- RC-102-B Remote Control

RoHS compliant | NON DIMMABLE | IP65 | 230V 50/60Hz | CE | ♻

Sensor Specifications:

Maximum load (-40°C ~ 70°C)	LED - 500W
HF System	5.8GHz CW
Detection radius/angle	Max 15m / 360°
Mounting height	Max 6m
Remote range	10m
Humidity	Max. 95% RH
Temperature	-40°C ~ 70°C

Sensor Dimensions

35.8mm
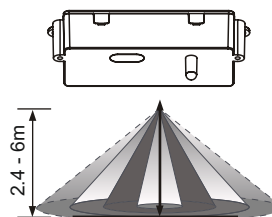23mm
41mm
98mm
90mm
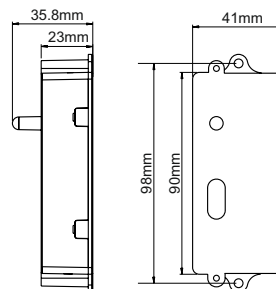
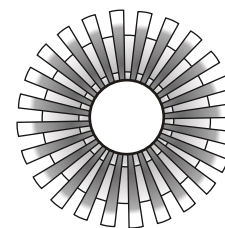### Sensor Mounting

Sensor

⚠ **This is a sealed fitting and must not be opened! Opening this fitting will void the warranty!**
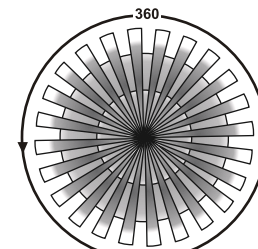
Sensor Coverage:

2.4 - 6m

Height of installation: 2.4 - 6m

Detection Range 15m (installation height 2.4-6m)
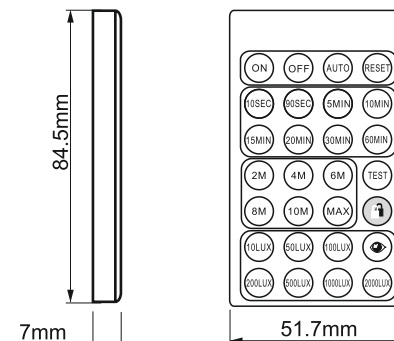
Detection Angle

360

Remote Control Specifications:
- Control Range: up to 10m
- Battery Type: CR2025
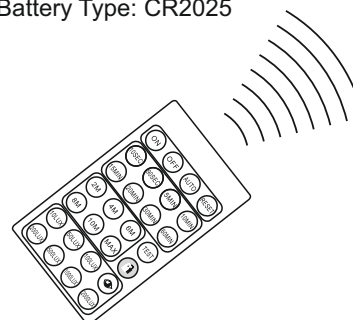
Remote Control Dimensions(mm):

84.5mm
7mm
51.7mm

ON	OFF	AUTO	RESET
10SEC	90SEC	5MIN	10MIN
15MIN	20MIN	30MIN	60MIN
2M	4M	6M	TEST
8M	10M	MAX	
10LUX	50LUX	100LUX	
200LUX	500LUX	1000LUX	

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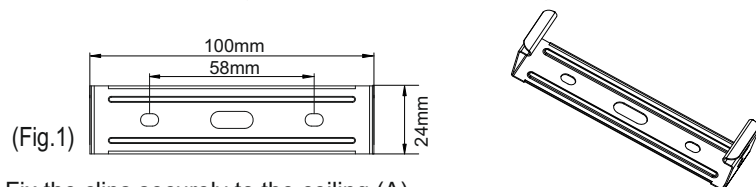
Installation: ⚠ Warning! Switch off the power source before installation & maintenance

Step 1: Identify the location and direction of any hidden supply cables or service pipes before drilling fixing holes.
**Step 2:** Mark and drill mounting holes for the snap-in ceiling clips at the correct spacing (Fig.1).

100mm
58mm
24mm
(Fig.1)

Step 3: Fix the clips securely to the ceiling (A).
Step 4: Using a screw loosen and open the cover for the connection Block 1 and wire the main input to the terminal block of the light fitting (B). The fitting comes pre-wired as a standard single fitting (Fig.2) with a link between Live(L) and Output (OUT) connections and it can be wired as a Master to Slave sensor fitting by connecting the Orange wire from Master (M) to the Output (OUT) connection (Fig.3). Connection Block 2 is used for output only (Fig. 4). For detailed wiring see the instructions below.
Step 5: Close the connection box cover (C) on the connection Block 1 and mount the light fitting onto the metal clips ensuring that it is secured into place (D).
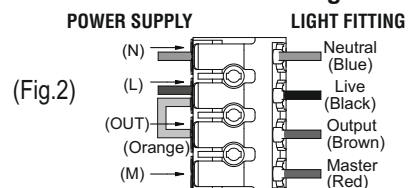**Step 6:** Power up the fitting to check that it functions correctly (E).

Installation*

A

B
1(Input)
2(Output)

C

D

E
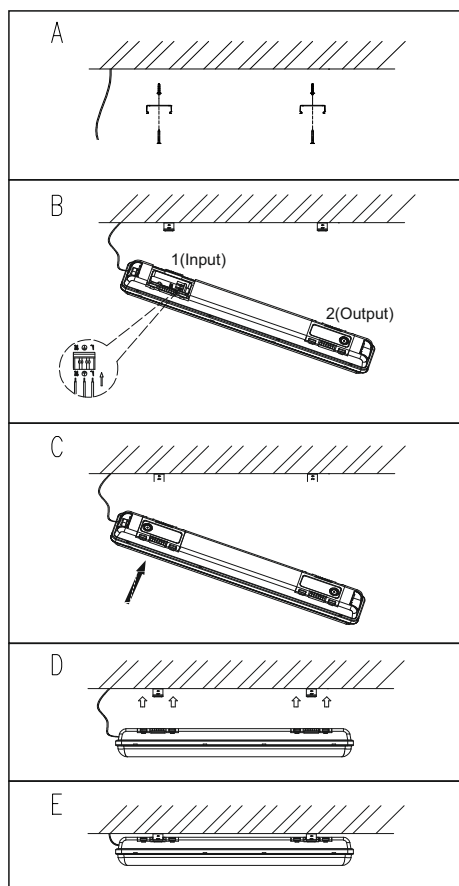
The fitting comes with both waterproof cable glands installed, one side has a silicone cover to ensure the IP65 rating. In order to utilize both connections, remove the blanking plate by unscrewing the cover.
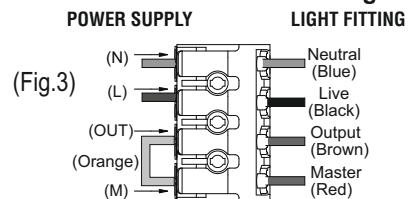
Wiring Instructions:
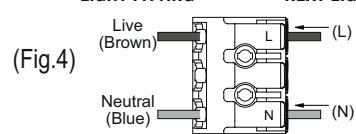
Connection Block 1(Input) Standard Wiring
POWER SUPPLY   LIGHT FITTING
(Fig.2)
(N) → Neutral (Blue)
(L) → Live (Black)
(OUT) → Output (Brown)
(Orange)
(M) → Master (Red)

Connection Block 1(Input) Master to Slave Wiring
POWER SUPPLY   LIGHT FITTING
(Fig.3)
(N) → Neutral (Blue)
(L) → Live (Black)
(OUT) → Output (Brown)
(Orange)
(M) → Master (Red)

Connection Block 2 (Output)
LIGHT FITTING   NEXT LIGHT
(Fig.4)
Live (Brown) → L → (L)
Neutral (Blue) → N → (N)

*Can also be suspended with traditional hooks & Jack chain. Not supplied.

Remote Control Setup:

● Pull plastic protection from battery compartment to activate the remote control.
● The factory settings by default are:
  ○ Range (sensitivity) 10 metres distance.
  ○ Time (the time the fitting will stay on for) is 10 seconds.
  ○ (The light sensitivity) By default the sensor will function all day and night (2000Lux).
● Changing the default settings:
  ○ Point the remote towards the fitting within 10m metres and press the AUTO button.
  ○ Select the mode of adjustment required, eg, sensitivity (range). Press the required range be it 2m, 4m, 10m etc.
  ○ The light will then flash once acknowledging the new setting.
  ○ Repeat the same for all other adjustments required (stand-by time, lux).

Remote Control Functions:

Remote	Function		Function
ON OFF	**Light ON/OFF** ON - Manual ON switch OFF - Manual OFF switch overriding the sensor. (sensor disabled in this mode) After 6 hours the sensor goes back into "AUTO" mode.	AUTO	**AUTO Mode** The sensor starts to work automatically and all settings remain the same as the latest status before pushing ON/OFF button, Test or Reset button.
10SEC 10MIN 30MIN 60MIN	**Time Adjustment** Min: 10 Sec. Max: 60 Min.	RESET	**Resets all functions** Default settings: 10SEC 10M 2000LUX • 10m range • 10 sec. • 2000lux - Daylight mode
2M 10M MAX	**Range Adjustment** MAX detection distance 14-15m 10m detection distance 8m detection distance 6m detection distance 4m detection distance 2m detection distance	TEST	**Test Mode** Hold the button for 2 seconds to enter test mode. Time and lux level are disabled in Test Mode. Press Auto button to exit Test Mode.
2000Lux 1000Lux 500Lux 10Lux	**Lux Level Adjustment** Set daylights threshold from 10lux to 2000lux. For daylight mode use 500lux to 2000lux settings.	🔒	**Permanent Lock Mode** Permanent inhibition of the sensor - light permanent ON/OFF. Only the ON and OFF functions on the remote are available. Press button again to exit mode.
👁	**Lux Level Overwrite** Sets the surrounding lux value as the daylight threshold (overwrites the existing lux values). Allows the fitting to function in any desired light circumstances.		

Remote control buttons:
ON | OFF | AUTO | RESET
10SEC | 90SEC | 5MIN | 10MIN
15MIN | 20MIN | 30MIN | 60MIN
2M | 4M | 6M | TEST
8M | 10M | MAX | 🔒
10LUX | 50LUX | 100LUX | 👁
200LUX | 500LUX | 1000LUX | 2000LUX

Operation Modes:

● **ON/OFF Mode**
  ○ When ON/OFF buttons are pressed the light is turned ON/OFF overriding the sensor. The Batten fitting will enter AUTO mode after 6 hours.
  ○ To exit ON/OFF Mode press AUTO button.

● **LOCK/UNLOCK Mode**
  ○ When 🔒 is pressed the remote control is locked, only ON and OFF functions on the remote are available.
  ○ Push the 🔒 button again to unlock the remote control.

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