

# LEDTEK® User Instructions

## WBT2-5FT-S

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

IP65  220-240V

Please read these instructions and retain them for future reference.

### Important information

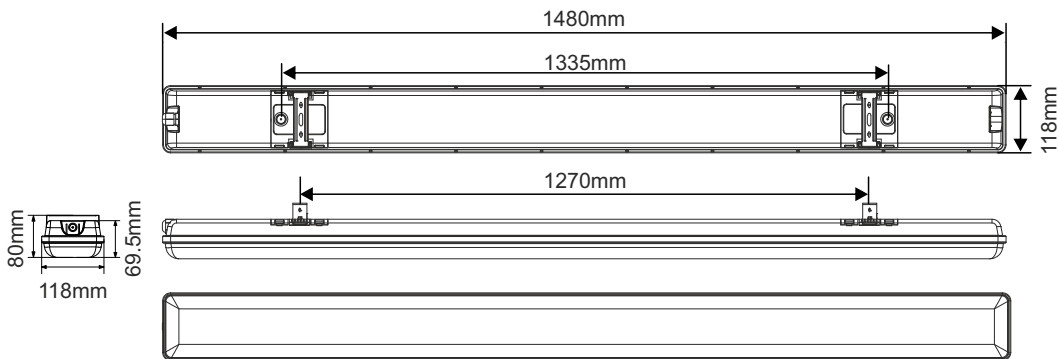
It is recommended that the fittings are installed by a qualified electrician ensuring the installation complies to current IEE wiring regulations & local building control.

- 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:



### 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:

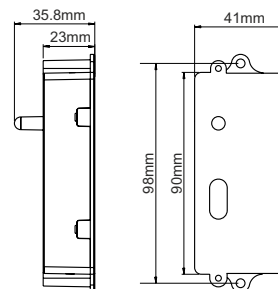
- Snap-in Metal clips x 2pcs.
- Plastic Wall Plugs x 4pcs.
- Screws x 4pcs.
- RC-102-B Remote Control



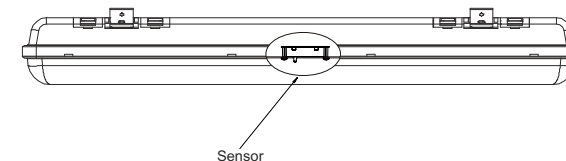
### Sensor Specifications:

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

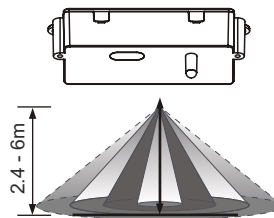


### Sensor Mounting

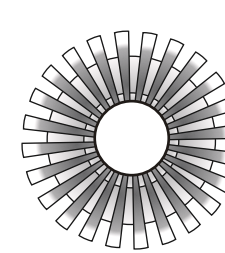


**This is a sealed fitting and must not be opened!  
Opening this fitting will void the warranty!**

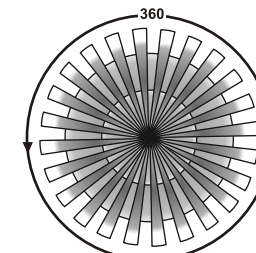
### Sensor Coverage:



Height of installation: 2.4 - 6m



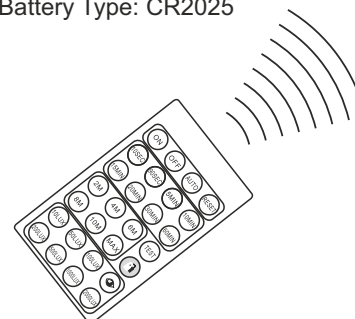
Detection Range 15m  
(installation height 2.4-6m)



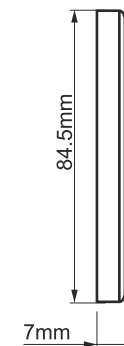
Detection Angle

### Remote Control Specifications:

- Control Range: up to 10m
- Battery Type: CR2025



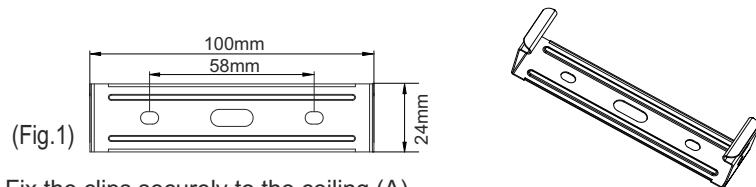
### Remote Control Dimensions(mm):



# 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).



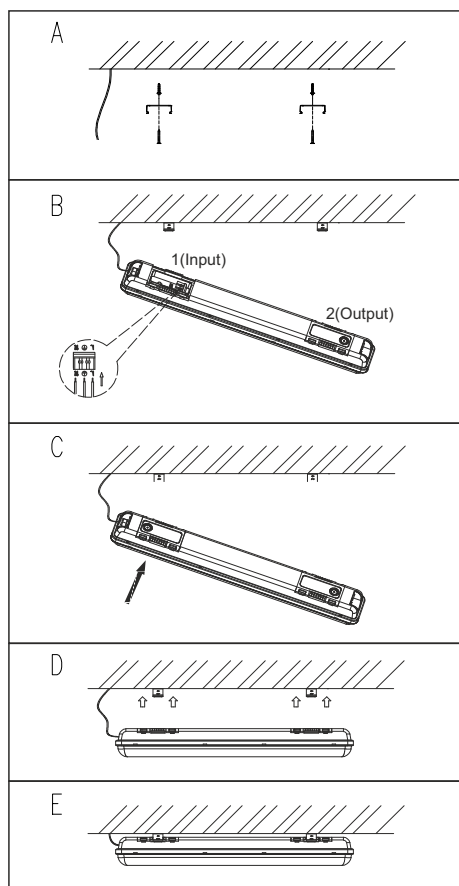
**Step 3:** Fix the clips securely to the ceiling (A).

**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).

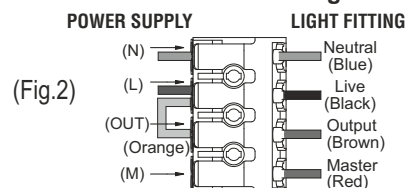
## Installation\*



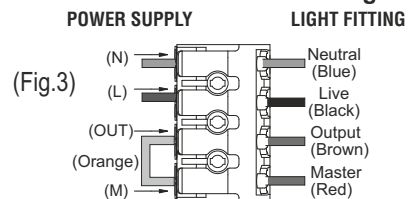
The fitting comes with both waterproof cable glands installed, one side has a silicone cover to ensure the IP65 rating. In order to utilize both connections, remove the blanking plate by unscrewing the cover.

### Wiring Instructions:

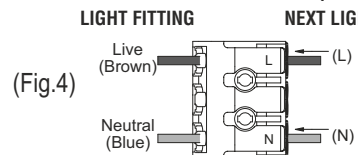
#### Connection Block 1(Input) Standard Wiring



#### Connection Block 1(Input) Master to Slave Wiring



#### Connection Block 2 (Output)





## 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:

		<b>Light ON/OFF</b> 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.		<b>AUTO Mode</b> 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.
		<b>Time Adjustment</b> Min: 10 Sec. Max: 60 Min.		<b>Resets all functions</b> Default settings: (10SEC 10M 2000LUX) • 10m range • 10 sec. • 2000lux - Daylight mode
		<b>Range Adjustment</b> MAX detection distance 14-15m 10m detection distance 8m detection distance 6m detection distance 4m detection distance 2m detection distance		<b>Test Mode</b> 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.
		<b>Lux Level Adjustment</b> Set daylight threshold from 10lux to 2000lux. For daylight mode use 500lux to 2000lux settings.		<b>Permanent Lock Mode</b> 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.
		<b>Lux Level Overwrite</b> Sets the surrounding lux value as the daylight threshold (overwrites the existing lux values). Allows the fitting to function in any desired light circumstances.		

## 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.

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