

LED LITE™

Energy Saving LED

LTWPMW

Microwave Sensor Add On for use with LTWPLED Fittings



Front



Back



Side



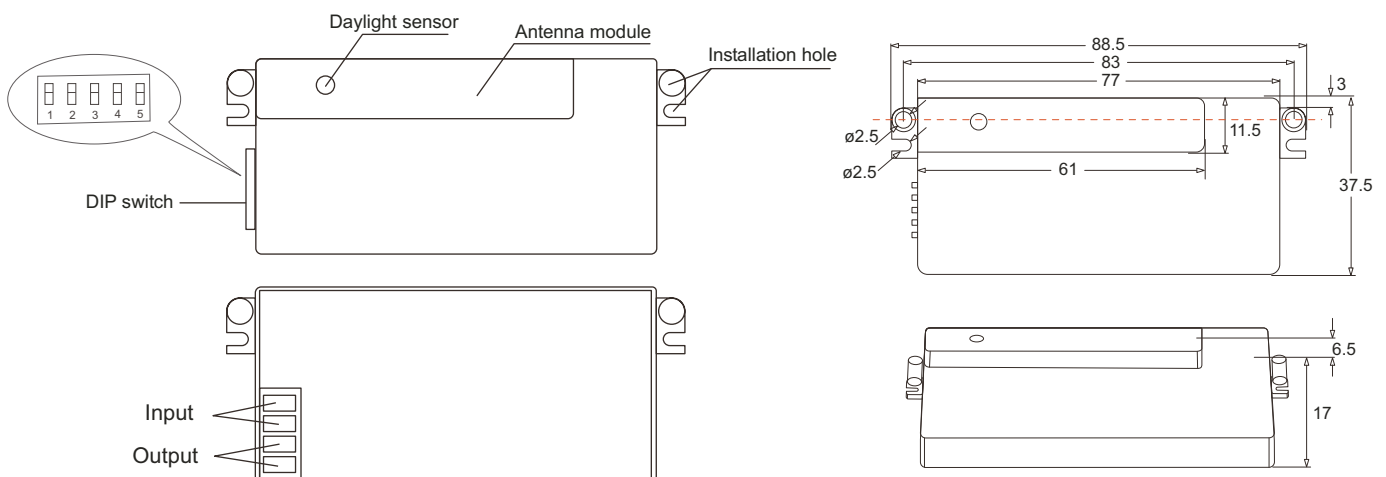
IP20

Plug & play microwave sensor for LTWPLED non corrosive weatherproof LED fittings (sold separately).

Technical Specifications:

Input	Operating voltage	220-240VAC 50/60Hz
	Maximum Load	Max. 400W @220VAC
	Stand-by power	<0.5W
Output	Operation Mode	ON/OFF
	Microwave frequency	5.8GHz±75MHz
Sensor Parameters	Microwave power	<0.3mW
	Sensitivity	100%/50%
	Hold time	5s/1min/3min/10min
	Daylight threshold	Disable/50Lux/25Lux/10Lux
	Mounting height	Max.5m (Ceiling mounted); 1.5-1.8m (Wall Mounted)
	Detection range	Radius Max.6m (Ceiling mounted 3m); Max.10m (Wall Mounted 1.8m)
	Detection Angle	30°-150°
	Operating temperature	-35°C~70°C
	IP rating	IP20
	size (L*W*H)	88.5*37.5*13.5mm
	Warranty	5 years

Dimensions(mm):



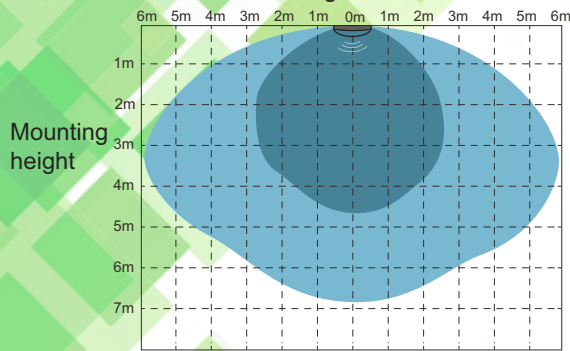
Detection Coverage:

Sensitivity:

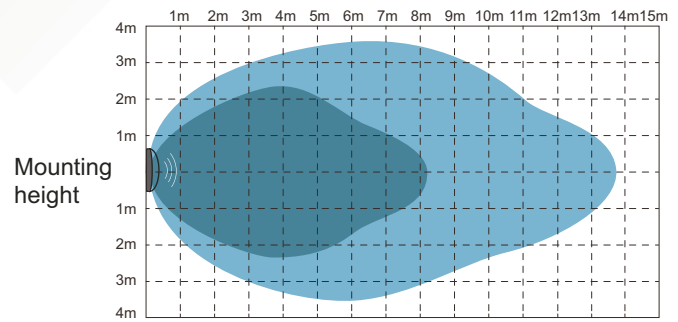
50%

100%

Ceiling Mounted



Wall Mounted



Sensor Settings:



Sensitivity	
DIP switch	1
50%	<input type="radio"/>
100%	<input checked="" type="radio"/>

Detection Area

Detection area can be reduced by selecting the combination of DIP switches. 100% sensitivity means full detection range.

Hold-time		
DIP switch	2	3
10min	<input type="radio"/>	<input type="radio"/>
3min	<input checked="" type="radio"/>	<input type="radio"/>
1min	<input type="radio"/>	<input checked="" type="radio"/>
5s	<input checked="" type="radio"/>	<input checked="" type="radio"/>

Hold Time

Refers to the time period the lamps remain at 100% brightness after no motion is detected.

Daylight threshold		
DIP switch	4	5
10Lux	<input type="radio"/>	<input type="radio"/>
25Lux	<input checked="" type="radio"/>	<input type="radio"/>
50Lux	<input type="radio"/>	<input checked="" type="radio"/>
Disable	<input checked="" type="radio"/>	<input checked="" type="radio"/>

Daylight Threshold

The sensor can be set to allow the fitting to illuminate below a defines ambient brightness threshold. When set to Disable mode, the sensor will switch on the light when motion is detected regardless of ambient light level. 50 lux = Twilight operation. 10 lux = Darkness operation only.

Installing LTWPMW Microwave Sensor into LTWPLED Fittings

1

Open the fitting by unclipping the steel fastening clips and lock them in 90° position.

2

Install the MW sensor at the position clearly marked (MW) on the geartray.

3

Lock the MW sensor in position by bending the metal tabs.

4

Plug in the wires as per the wiring diagrams below. (Sensor or EM + Sensor)