Installation Instruction

Microwave Sensor

PSC-ID-M-FM-600

Indoor IP20, or mounted behind lens/or suitable enclosure*

Please read this instruction manual before installation and retain for future reference.

IMPORTANT: Never modify the unit, there are no user serviceable parts inside. Not suitable for use with dimmer switches. Install in accordance with Local and National Electrical Codes.

THE SENSOR SHOULD BE INSTALLED BY A QUALIFIED ELECTRICIAN.

POSITIONING THE SENSOR

When selecting the mounting position, take into account the following points:

1. The sensor is designed for optimum performance when mounted at a height of above 2.5 to 4 meters
2. Avoid pointing at or positioning close to heat sources such as heaters, which may cause false triggering
3. Avoid pointing at bright lights to avoid false triggering when daylight sensor in ON
4. Avoid mounting close to strong electromagnetic disturbance, i.e. near electrical motor or fluorescent lamp ballast.

Installation

Installation by a licensed electrician and according to Local and National Electrical Codes

See below installation instructions by referring to figure 1 to 8 on the Right

1 Switch power off at the meter box and ensure that there is no power to the lamp

For Bottom Mounting (if using Side Mount, skip 2A to 5A, go to 2B):

2A Unscrew the **Fixing Nut**

3A Mounting the sensor into aΦ21mm hole

4A Screw the nut onto the sensor

5A Check dipswitches for settings

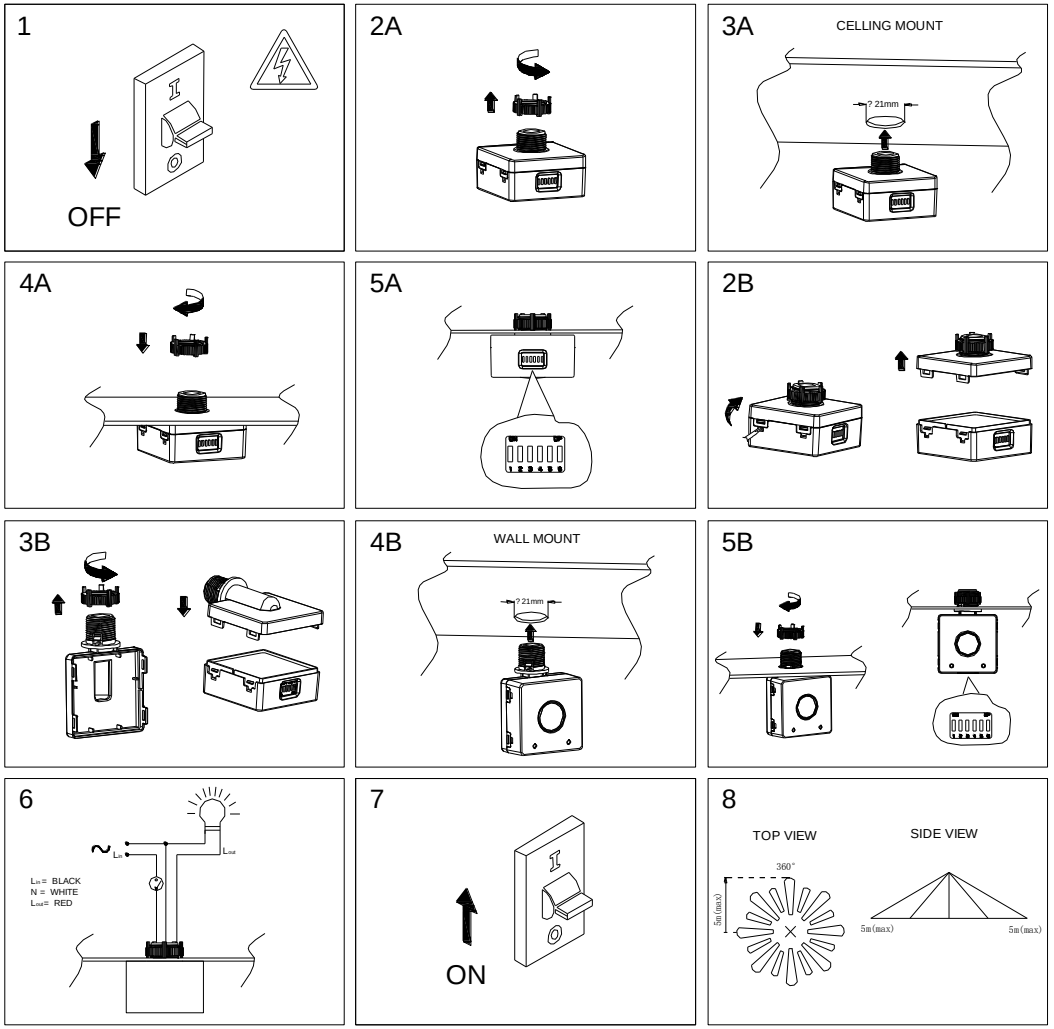
For Side Mount (if using Bottom Mount, go to 6):

2B Open the back cover

3B Change the back cover to wall mounting back cover

4B Mounting the sensor into aΦ21mm hole

5B Screw the nut onto the sensor, check dipswitches for settings



6 Follow Wiring Diagram

7 Turn Power On

8 Sensing detection pattern will vary based on mounting method

*If installed inside enclosure, lens detection range adversely affected by the type and density of the material used in the fixture lens or cover.

SETTINGS:

Sensor Factory pre-sets are as follows:

1 2 3 4 5 6
↓ ↓ ↓ ↓ ↓ ↓

Sensor Dipswitches Adjustment:

Time Delay:				Sensor Range:			Photocell:	
1	2	3		4	5		6	
↓	↓	↓	5 sec (test)	↓	↓	5 m	↓	OFF
↓	↓	↑	30 sec	↓	↑	4 m	↑	ON
↓	↑	↓	1 min	↑	↓	3 m		
↓	↑	↑	3 min	↑	↑	2 m		
↑	↓	↓	5 min					
↑	↓	↑	10 min					
↑	↑	↓	20 min					
↑	↑	↑	30 min					

TECHNICAL DETAILS:

Voltage:	120-277 VAC 50/60 Hz
Wattage:	600W Incandescent 600VA Fluorescent light 200VA LED
Detection range:	360° Max.5 meters radius
Delay time:	5s to 30 min. adjustable
Lux control level:	night or daylight on/off
IP Rating:	20

A. Purpose of control: Operating Control
B. Construction of control: Independently Mounted for Panel Mount
C. Type 1.C Action
D. Pollution Degree 2
E. Impulse Voltage: 4000 V

WARNING

1. Turn off power from the circuit breaker before installing the sensor.
2. Ask a qualified electrician if you unsure about anything on these instructions.
3. Controlling a load exceeding the maximum loading may cause product damage, fire, electrical shock, and personal injury or death.
4. Do not attempt to disassemble or repair. Clean outside with a cloth only.
5. Do not allow bare wires to show and make sure all connections are secure.

WARRANTY

McWong warranties its product to be free of defects in materials and workmanship for a period of five years. There are no obligations or liabilities on the part of Pacific for consequential damages arising out of, or in connection with, the use or performance of this product or other indirect damages with respect to loss of property, revenue or profit, or cost of removal, installation or reinstallation. McWong owns the explanation right.

FCC STATEMENT

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference
(2) this device must accept any interference received, including interference that may cause undesired operation.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

—Reorient or relocate the receiving antenna.

—Increase the separation between the equipment and receiver.

—Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

—Consult the dealer or an experienced radio/TV technician for help.