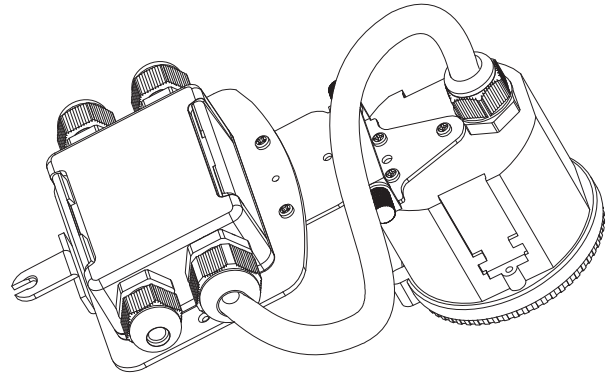


Microwave Motion Sensor User's Manual

Symbol: 241857

- Designed for products with 1-10V dimmable driver
- 3-step dimming function, 100% ---> low light ---> off
- Adjustable daylight sensor



GENERAL GUIDELINES FOR INSTALLATION

- 1, Please read the entire instruction manual before using the product and then save it for future reference.
- 2, The sensor should be installed by a qualified electrician. Ensure that the electricity supply is switched off before installing or servicing the product.
- 3, The sensor should not be modified in any way. Any modifications made to this product will immediately invalidate any warranties issued.
- 4, The company does not accept responsibility for any consequences resulting from unauthorized modification of the product.
- 5, Microwaves cannot pass through metal or brick walls if thicker than 20cm. They will pass through thinner walls but there will be some attenuation.
- 6, The raining or wind blowing may trigger the microwave motion sensor even if without human motion when outdoor use.
- 7, The sensor should be connected to a stable power supply of 120-277Vac, 50/ 60Hz.
- 8, Detection area will be affected by speed of motion, height of installation and volume of moving object.

FEATURES

- Sensor parameters can be conveniently set by a remote control.
- Mounting height up to 15m max.
- Water proof sensor with IP65 rating.
- Automatic dimming when used in combination with 1-10V dimmable control device.
- Built-in adjustable daylight sensor.
- 1-10V interface can match up with stand-alone daylight sensor and achieve daylight harvesting.

SPECIFICATIONS






Input voltage	120~277Vac, 50/60Hz
Rated load	400W@120Vac; 800W@220-277Vac (Inductive load) 800W@120Vac; 1200W@220-277Vac (Resistive load)
Detection area	8m Max.(radius) adjustable
Hold time	5s/ 30s/ 1min/ 3min/ 5min/ 10min/ 20min/ 30min
Daylight sensor	5lux/ 15lux/ 30lux/ 50lux/ 100lux/ 150lux/ Disable
Stand-by period	0s/ 10s/ 1min/ 3min/ 5min/ 10min/ 30min/ +∞
Stand-by dimming level	10% / 20% / 30% / 50%
Sensor principle	Microwave motion detector
Microwave frequency	5.8GHz±75MHz, ISM wave band
Transmitting power	<0.5mW (1% of transmitting power for cell phone)
Mounting height	3-15m
Detection angle	150°(Wall installation), 360°(Ceiling installation)
Motion detection	0.5~3m/s
Operating temperature	-35°C~70°C
IP rating	IP65

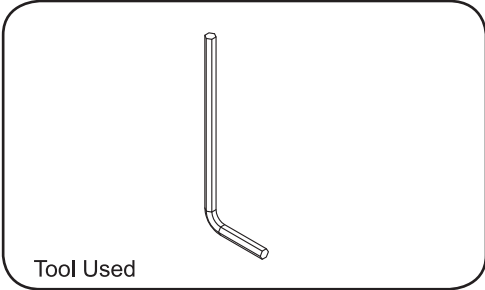
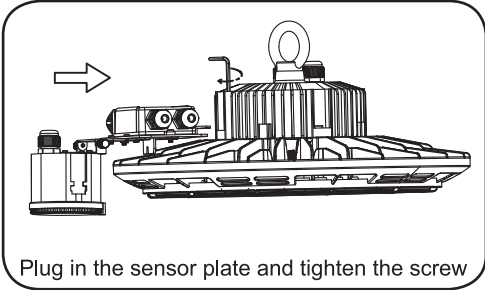
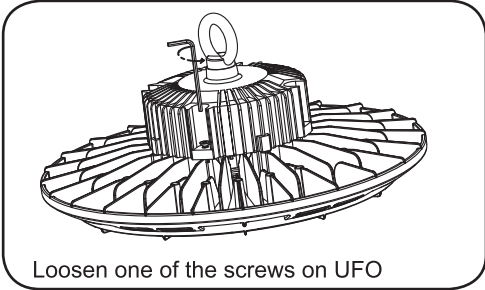
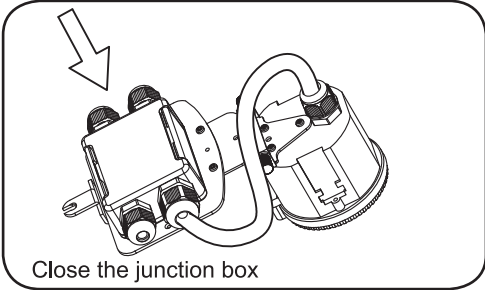
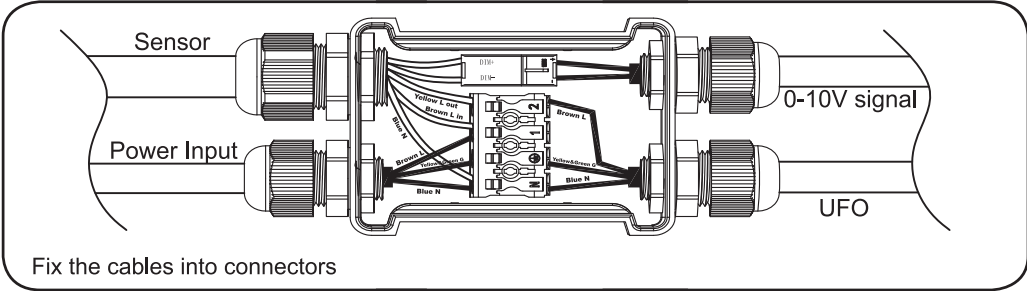
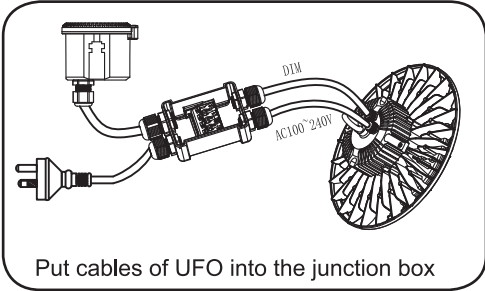
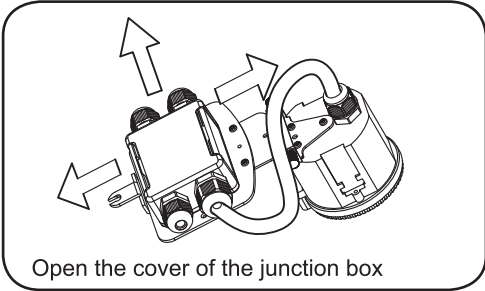
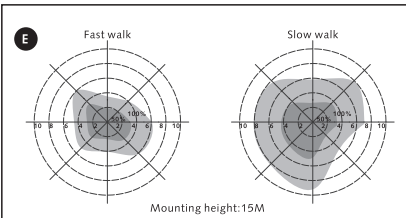
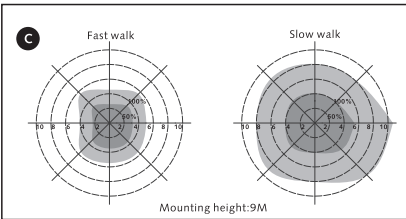
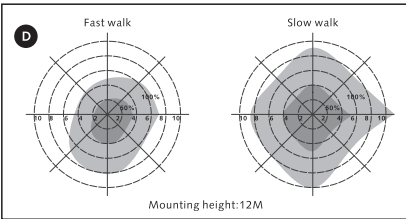
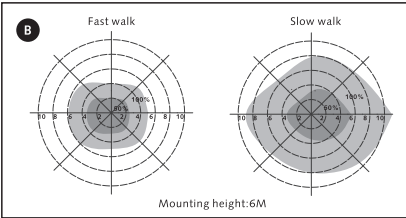
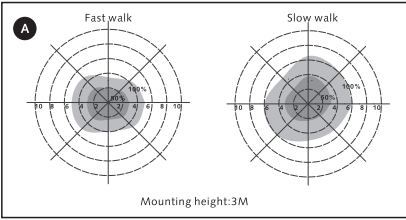
Warning

- Unpack and check the product carefully.
- If there is any damage on new product, please keep the product packaging and return to the supplier.
- Please do not attempt to use a damaged product.
- It should be installed by a qualified electrician.
- Non-qualified personnel must not disassemble or maintain the lamp, or the manufacturer has the right to refuse any warranty service.

SETTINGS (DIP SWITCH)

Detection area, hold time, stand-by period, stand-by DIM level and daylight sensor can be set by using DIP switches on the sensor. Note that reducing the detection area will also reduce the sensitivity.

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	6	7	8	9																																													
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FAQ

Question	Cause	Remedy
Thelampwill not illuminate.	Incorrect daylight sensor setting selected.	Adjust setting.
	Lamp has failed.	Replacelamp.
	Power is switched off.	Switch on
Thelampis permanently illuminated.	Continuous movement in the detection area.	Check detection area setting.
	The lamp (containing sensor) is installed in an area too close to reflective surfaces, i.e. metal, glass or concrete walls.	1, Make sure installation area suitable with at least 30cm space between lamp and surrounding reflective surfaces. 2, Reduce sensitivity (detection area).
The lampwill not illuminate despite movement.	Speed of moving object is not in the range of 0.5~3m/s or the detection radius is too small.	Check detection area setting.
The remote control is not working.	The battery on the remote control is run out.	Change the battery.
	The remote control is not aligned with sensor.	Change the remote angle