

OPERATING INSTRUCTION

LED CEILING LAMP



OMAHA

IP44



CE



APPLICATION

This is indoor LED ceiling lamp .

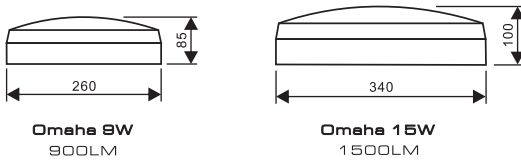
- Houses
- Offices
- Retail
- Schools
- Hotels
- Hospitals

MAIN TECHNICAL DATA

Input: AC 220-240V 50/60Hz

Light source: LED SMD2835

Working temperature: -20°C--+50°C

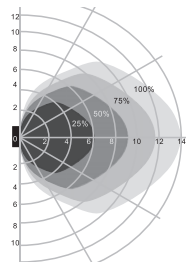


CAUTION

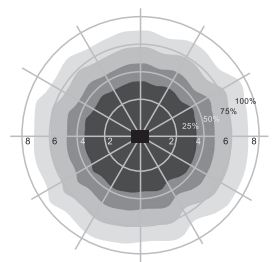
1. The product must be installed by professional technicians and power supply must be cut off before installation.
2. The installation wiring must be $2 \times 1.0\text{mm}^2$ at least and wired in accordance with the latest IEE electrical regulations or the national requirements.(Recommend type of cable is H03VV-F)
3. Do not touch the electronic circuit and its components.
4. Don't touch LED while installing or maintaining.
5. The LED light source cannot be replaced.

DESCRIPTION OF MICROWAVE SENSOR

- Detection zone Max.(D x H): 14m x 6m
- Detection sensitivity: 25%- 100%, adjustable
- Hold time: 5sec-30min, adjustable
- Daylight 1: 5-15Lux, adjustable or disable
- Daylight 2: 35-150Lux, adjustable or disable
- Stand-by Period : 0sec- $+\infty$,adjustable
(Refer to "Low light")
- Mounting height: 6m Max.
- Motion detection: 0.5~3m/s
- Detection angle: 150°(wall installation),
360°(ceiling installation)



Wall mounting pattern (Unit: m)
Suggested installation height: 1-1.8m



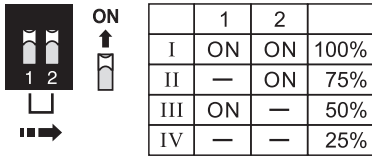
Ceiling mounting pattern (Unit: m)
Suggested installation height: 2.5-6m

PARAMETER SETTING OF MICROWAVE SENSOR



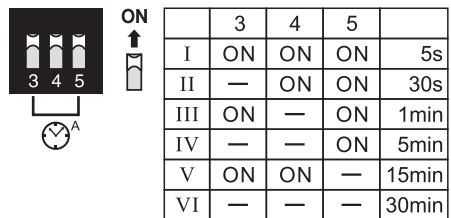
➡ Detection Area

This determines the effective range of the motion detector and is set by DIP switches at the sensor itself, refer to figure. Note that reducing the sensitivity will also narrow the detection range.



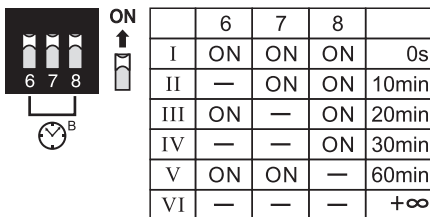
⌚^A Hold Time

This determines the time the fitting remains at 100% level on motion detection and is set with DIP switches at the sensor itself, refer to figure. The walk test setting is useful when installing the fitting to establish correct operation and range.



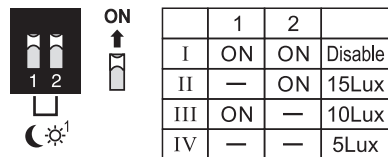
⌚^B Stand-by Period

This refers to "Low light period", when it is set to $+\infty$, the luminaire gives permanent low light when no movement detected. It is set with DIP switches at the sensor itself, refer to figure.



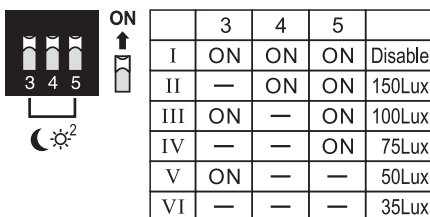
☾¹ Daylight 1

This allows the sensor to switch the unit on when ambient light is either full day light (15Lux), low daylight (10Lux), or after dark (5Lux). It also allows the sensor to be disabled.



☾² Daylight 2

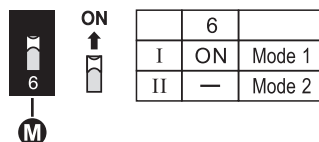
This is only applicable under mode2, refers to the threshold when the luminaire should turn off (from low light status) at the relevant sunlight lux.



Ⓜ Mode

Mode1: Normal light-control.

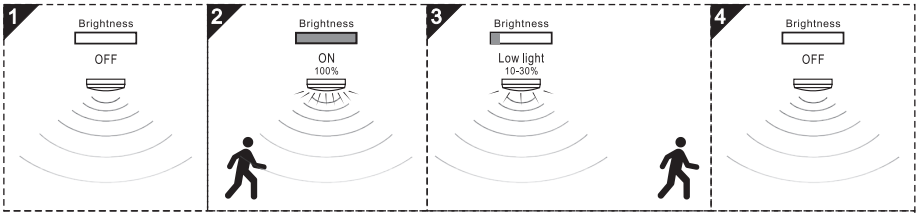
Mode2: Photocell prioritized, meaning the luminaire is off when ambient brightness accesses the set threshold, and automatically on to a low light level when ambient brightness is lower than the set threshold, and turns to high light level when it detects a movement.



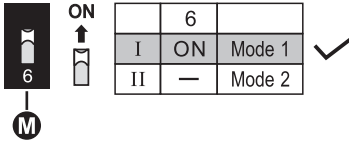
A

Normal light-control function

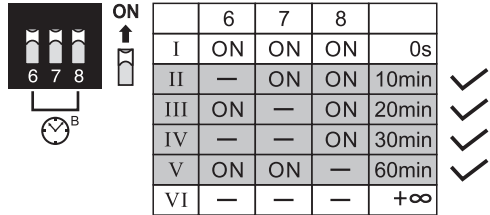
Sensor with On/Low light(10-30%)/Off ,three-step dimmable.

**M**

Mode

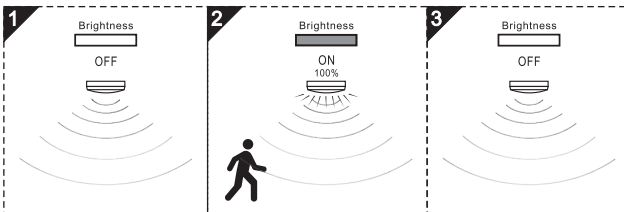
**B**

Stand-by Period (Refer to "Low light")

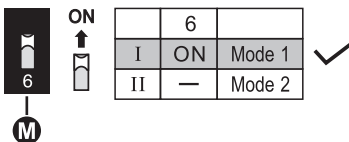
**B**

Normal light-control function

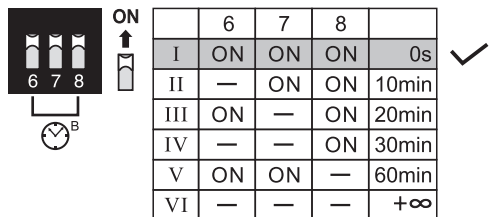
Sensor with On/Off ,two-step dimmable.

**M**

Mode

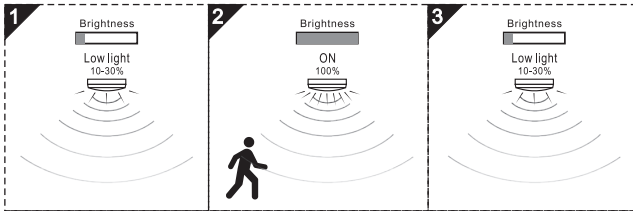
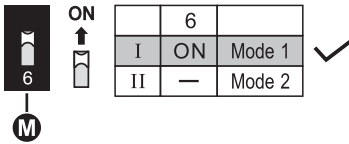
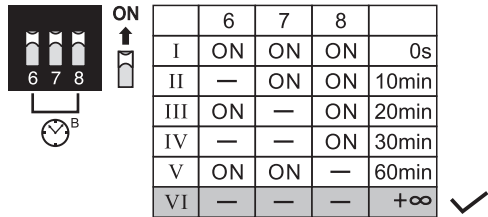
**B**

Stand-by Period (Refer to "Low light")

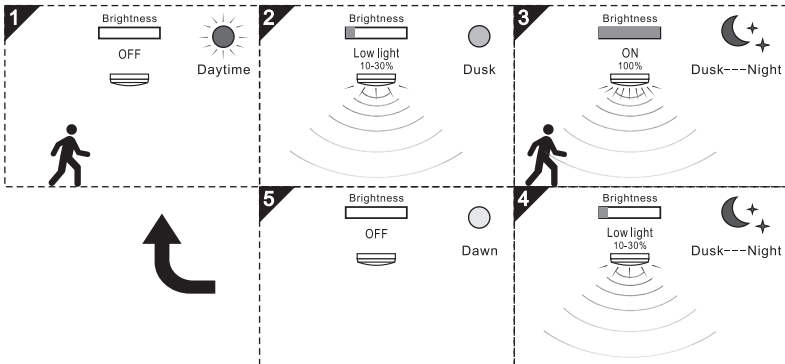
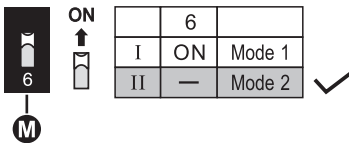


C

Normal light-control function Sensor with On/Low light (10-30%)

**M****Mode****B****Stand-by Period** (Refer to "Low light")**D**

Photocell prioritized function Sensor with On/Low light (10-30%)

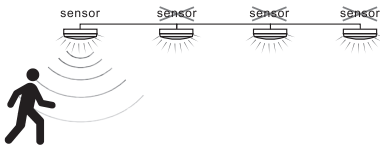
**M****Mode**

TECHNICAL INFORMATION

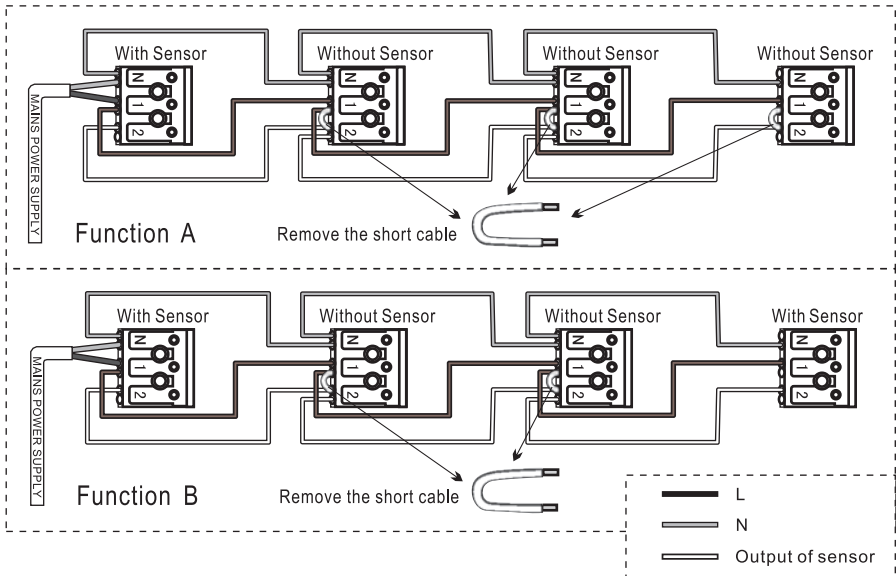
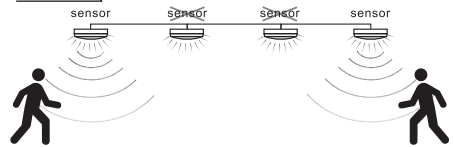
Code	Input Voltage	LED Type	Input Power	Lumen	Sensor	Dimension
Omaha 9W	220-240V ~ 50/60Hz	SMD2835	9W	900 LM	—	Φ260x85mm
Omaha M.Sensor 9W	220-240V ~ 50/60Hz	SMD2835	10W	900 LM	Yes	Φ260x85mm
Omaha 15W	220-240V ~ 50/60Hz	SMD2835	15W	1500 LM	—	Φ340x100mm
Omaha M.Sensor 15W	220-240V ~ 50/60Hz	SMD2835	16W	1500 LM	Yes	Φ340x100mm

MASTER/SLAVE FUNCTION

Function A

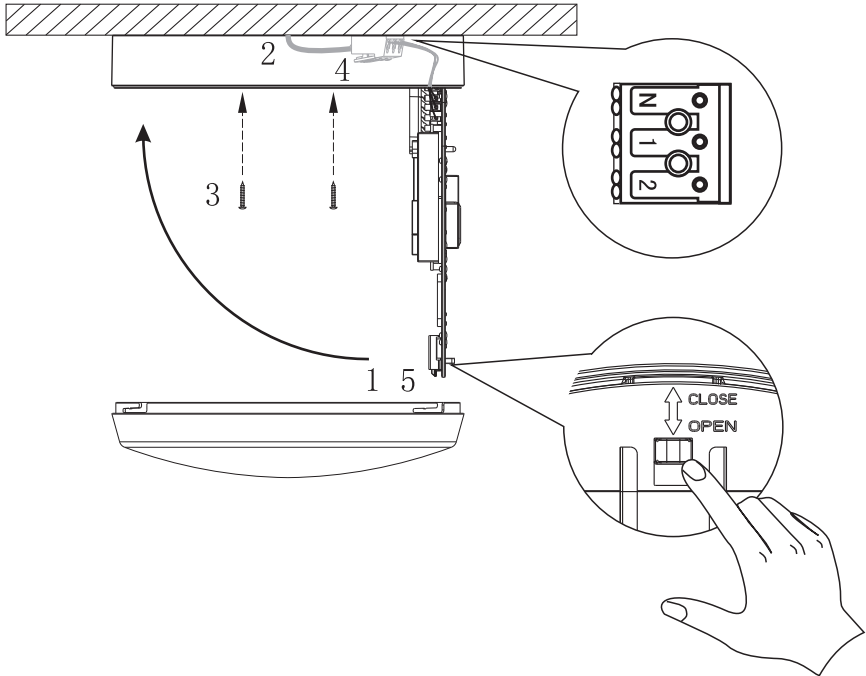


Function B

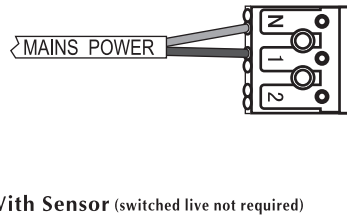
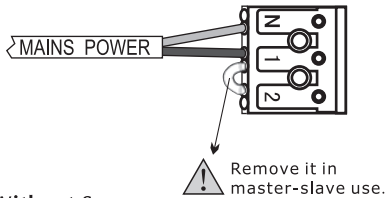


MOUNTING

1. Disassemble the diffuser and LED panel .
2. Pull in the power cord through the gasket.
3. Fix the base on the surface with screws .
4. Connect the power cord on the terminal correctly.
5. Assemble the LED panel and diffuser.

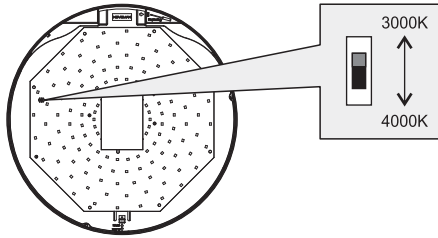


Cable connection



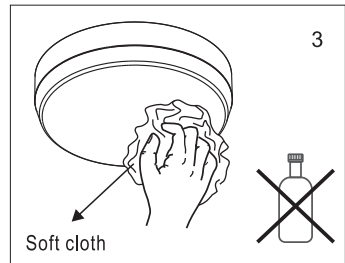
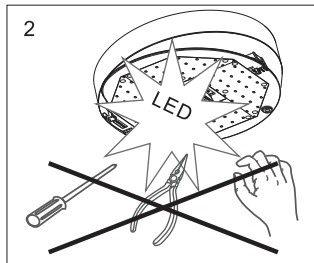
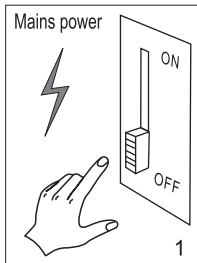
OPTIONAL COLOUR TEMPERATURE

Different colour temperature settings by DIP switches on LED plates.



MAINTENANCE

1. Cut off the mains power first.
2. Don't touch LED while maintaining or cleaning.
3. Don't use chemical reagent to clean lamp.



Environmental protection: Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your local authority or retailer for recycling advice.

