

SELF- CONTAINED LED EMERGENCY

Model: E-SENSE / E-SENSE DS



Characteristics:

- Supply 230V~ 50/60Hz.
- Main consumption and battery charging: 22,5W (only E-SENSE model).
- Maintained with ON/OFF possibility through sensor (only E-SENSE model).
- Built-in motion sensor.
- Lumens: 1250 lm in main / 210 lm in emergency (only E-SENSE model).
- Autonomy >3 horas (only E-SENSE model).
- Battery: Li-ion 3,7V - 3,5Ah (only E-SENSE model).
- Green Led indicates main presence (only E-SENSE model).
- Lamp: 18W (36 SMD LED 5630).
- Colour temperature 4000K.
- Constant current control by LEDs (300mA on main).
- Grade IP65.
- External connection by hose (3 wires, E-SENSE model)
- Protection against overloading and end of battery discharge (only E-SENSE model).
- Class II
- Dimensions: Ø330mm x 99mm
- Weight: 1180gr.
- Ambient temperature: 0°C - 40°C.
- CE marked as per directives 2006/95/CEE and 2004/108/CEE of EMC.
- Manufactured as per norm EN 60598-2-22.

Sensor characteristics:

- Frequency band: ISM (5.8MHz ± 75MHz).
- Potency of transmission <0.5mW.
- Detection zone max. (DxH): 16m x 6m.
- Detection sensitivity: 10% / 50% / 75% / 100%.
- Wait time: 5s / 90s / 3min / 10min.
- Hall function: 0s / 30s / 10min / Deactivate.
- Ambient light sensor: 5lux / 15lux / 50lux / Deactivate.
- Installation height: 6m máx.
- Motion detection: 0.5-3m/s.
- Detection angle: 150° (wall mount) / 360° (ceiling installation).
- Work temperature: -20°C - 45°C.

Sensor configuration (DIP switch):

ON ↑ [DIP SWITCH]		1	2	
	I	ON	ON	100%
	II	-	ON	75%
	III	ON	-	50%
	IV	-	-	10%

Detection area:

The detection area can be reduced by selecting the combination on the DIP switches to precisely match each application.

ON ↑ [DIP SWITCH]		3	4	
	I	ON	ON	5s
	II	-	ON	90s
	III	ON	-	3min
	IV	-	-	10min

Hold time:

Period of time the lamp remains at 100% illumination after the sensor no longer detects movement.

ON ↑ [DIP SWITCH]		5	6	
	I	ON	ON	Disable
	II	-	ON	50Lux
	III	ON	-	15Lux
	IV	-	-	5Lux

Daylight sensor:

The sensor can be configured to allow the lamp to illuminate below a defined ambient light threshold. If set to Off mode, the light sensor will turn on the lamp when motion is detected regardless of ambient light level. At 50 lux: twilight operation. At 15 lux, 5 lux: low light operation.

ON ↑ [DIP SWITCH]		7	8	
	I	ON	ON	0s
	II	-	ON	30s
	III	ON	-	10min
	IV	-	-	+∞

Corridor function :

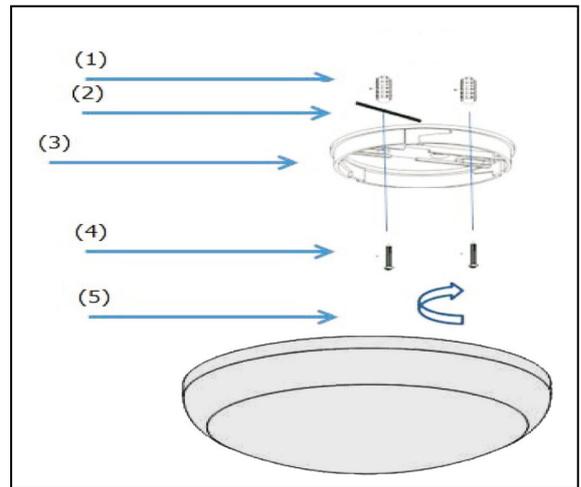
Controls the length of time the lamp stays in a low light level before it turns off completely in the absence of people. When set to "+ ∞", the low light remains on until motion is detected. When set to "0s", the light will turn off after the hold time.

Installation:

Installation must be done by authorized technical personnel.

Always work with the mains voltage switched off.

- 1.- Drill 2 holes 55mm apart to hold the round mounting plate and insert the plastic plugs.
- 2.- Connect the main cables of the installation to the inlet hose to the equipment following the connection diagram.
- 3.- Place the round mounting plate on the dowels.
- 4.- Insert and tighten the 2 screws to fix the round mounting plate.
- 5.- Place the luminaire on the round mounting plate and rotate clockwise so that it is attached to it.



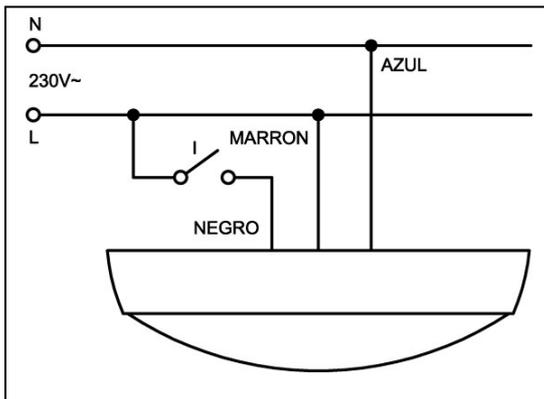
Lastly, supply mains voltage to the installation and check that the green LED of the luminaire lights up (only E-SENSE model).

The equipment will not have its full autonomy until 24 hours, since the battery is supplied discharged (E-SENSE model only).

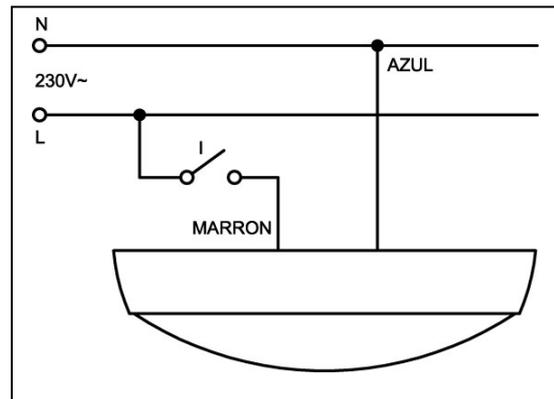
Connection diagram:

Luminaire on / off via sensor.

E-SENSE model: Emergency power line between brown and blue wires.



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Maintenance:

- Before carrying out any maintenance operation, make sure that the main is disconnected.
- The battery must be replaced when its autonomy is less than that assigned (E-SENSE model).
- Emergencies must be reviewed at least once a year (E-SENSE model).
- The battery in the E-SENSE model and the replaced LED circuit must be recycled properly.