

Sky Wire - LFXC079XSENBTT (Sensor)

Ceiling Flush Mount Passive Infra Red (PIR) Occupancy Detector & Photocell

Input: 220-240 Vac 50Hz



PLEASE READ THESE INSTRUCTIONS BEFORE INSTALLING THE PRODUCT
NOTE: **Sky Wire** is only compatible to work with Casambi enabled Lafit Products

This flush mounted **Sky Wire** is suitable for easy mounting through a 73/75mm diameter hole into a ceiling void which is at least 78mm deep. Configurable for any room occupancy style, via the free to download Casambi APP on Google Play or Apple APP Store.



INSTALLATION

To be installed by a competent person with reference to BS 7671 or equivalent local standards. If in doubt consult a qualified electrician.

- Plan where the **Sky Wire** is to be located (see diagram 1). Switch off supply and check for hidden cables and pipes. Make a 73/75mm diameter hole through a standard ceiling board.
- The **Sky Wire** should be connected as shown in diagram 2:
L - Live in. N - Neutral in.
- Ensure both springs are fitted to the moulding in the correct orientation (see diagram 3).
- Push the **Sky Wire** into the ceiling void, making reference to diagram 4.

OPERATION

To check the operation of the **Sky Wire**:

- Turn on the supply then after 20 seconds if the sensor has recognised movement of a person within its zone of detection the integral red LED on **Sky Wire** will stay illuminated for 4 seconds before the red LED turns off.
- Thereafter, every time movement is detected by **Sky Wire** the integral red LED will stay illuminated for 4 seconds.

The control also features adjustable time out (time lag) control and daylight threshold control which are configured by the Casambi APP.

PRECAUTIONS

- Do not place the **Sky Wire** near heat sources, fans or in ventilated ceiling voids.
- Sky Wire** can be wired in parallel (sharing the same Live and Neutral).
- Do not place close to, or positioned such that, any light source points directly into the **Sky Wire**.
- Ensure wires and cables are securely held within the connection terminals.
- The **Sky Wire** should be protected by a 5 or 6 Ampere mcb or fuse.
- Disconnect the Sky Wire from the circuit before performing insulation testing of the wiring circuit.**

TECHNICAL DETAILS

INPUT	
Voltage:	220 - 240Vac
Frequency:	50Hz
Max. mains current:	0.05A
Standby current:	0.05A
RADIO TRANSCIVER	
Operating frequencies:	2.4... 2,483 GHz
Max. output power:	+4 dBm
OPERATING CONDITIONS	
Note: The temperature difference between the detection target and the background must be at least 4 °C.	
Ambient temperature:	-20... +40 °C (out 0.05 A)
Max. case temperature:	+70 °C
Storage temperature:	-25... +75 °C
Max. relative humidity:	0... 80%, non cond.
CONNECTORS	
Terminal block Wire size:	0.5mm ² - 2.5mm ² solid or stranded
Wire strip length:	6-7mm
Tightening torque:	0,4 Nm/4 Kgf.cm
MECHANICAL DATA	
Dimensions:	Dia. 85 x H.79mm
Weight:	95g (unpacked)
Degree of protection:	IP20
Protection class:	Built-in Class 2
Material (casing)	Flame-retardant polycarbonate
Finish / Colour	Matt /White (RAL 9003)
Protection class:	Built-in Class 2
CONFORMITY AND STANDARDS	
EMC emission:	EN60669-2-1:2004 inc. A12:2010
EMC immunity:	EN60669-2-1:2004 inc. A12:2010
Safety:	EN60669-2-1:2004 inc. A12:2010
Environment:	Complies with WEEE and RoHS directives

