

This device is designed for lighting control in residential, commercial and industrial installations.

Do not use this device for applications where malfunction may cause severe personal injury or can threaten human life.

Read and follow the installation instructions:

**WARNING:** Risk of electrical shock, personal injury or death.

- This device must only be installed and put into operation by qualified personnel.
- Switch the mains Off before doing any electrical connections. Protect against inadvertent re-powering.
- Wiring installation and protections must be done according to local and national normatives.
- Do not modify or attempt to repair the unit. If the non-resettable fuse blows, the unit will have an internal failure and replacing the fuse will not solve the problem. This device does not contain serviceable parts.

## Installation procedure:

Plan where the sensor will be placed so that it will cover the required detection area. Do not install it at a higher mounting height than recommended.

For best operation of the light sensor in indoor applications, avoid placing the unit in front of windows or where exposed to direct sunlight.

Unfasten the two screws of the front cover and open the unit. Two fixing holes at the corners can now be accessed.

Information about the distance between fixing holes is stamped on the back of the enclosure for reference. Fix the sensor to the ceiling. Use appropriate screws according to the type of surface. Note that if the ceiling or the sensor are tilted this will influence the presence detection coverage area.

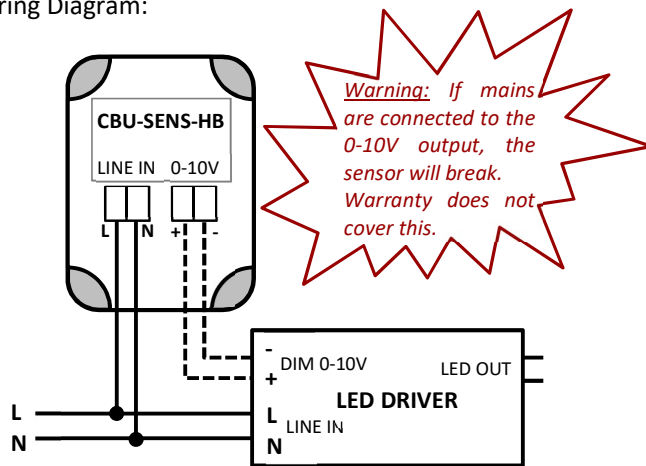
Feed the mains and control cable through the cable gland. Allow for 15cm length of spare cable to work comfortably. Tighten the cable gland.

Before connecting the wires, check for loose strands. Insert wires in the appropriate connectors and fasten the screws.

Follow the wiring diagram and double check that connections to the sensor are correct before powering on.

If 0-10V control function will be used, respect the polarity of the 0-10V DIM output. 0-10V control line can control several LED drivers.

## Wiring Diagram:



## Technical data:

Line voltage	100 - 277Vac
Line frequency	47 – 63Hz
Maximum line current	<25mA@230Vac
Power consumption	<1W@230Vac
0-10V Output Current	5mA max. Sinking or Sourcing.
Wire section	Max. 2,5mm <sup>2</sup> (Solid or stranded)
Wire peeling length	6-8mm
Connector screw fastening torque	0,4Nm
Insulated cable diameter	6-12mm

Place the front cover back in place and tighten the screws.

After switching mains back on, the LED will light when presence is detected.

## Configuration and settings

are done by use of CASAMBI App

Before linking the sensor to a Casambi net, the most adequate profile must be selected (check the datasheet for detailed information). Default profile features 0-10V control enabled (with lineal dimming curve), and also presence detection LED is enabled.

Presence sensor linger time and fade time can be adjusted with Casambi App.

Light sensor sensitivity, tolerance/threshold can also be adjusted. The light sensor must be calibrated if it will be used: First dim the installation lighting to the desired light level and after this is done, proceed to calibrate the light sensor.

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