

SENSE G1

Casambi Ready Sensor
Preliminary Datasheet

Part number: 2000-03-SENSEG1

LumiG



Description

SENSE G1 is a Casambi Ready sensor with ambient light and motion detection. It has a small form-factor with only Ø40 mm opening.

SENSE G1 is fully Casambi compatible and can be a part of Casambi mesh network with up to 250 devices in one network. It can be controlled wirelessly by an Android and iOS device. The Casambi app can be downloaded free of charge from Apple App Store on Google Play Store.

The sensor can be installed into a ceiling through Ø40 mm opening. Alternatively, a separate box for surface mount installation can be ordered as an add-on option.

Wiring



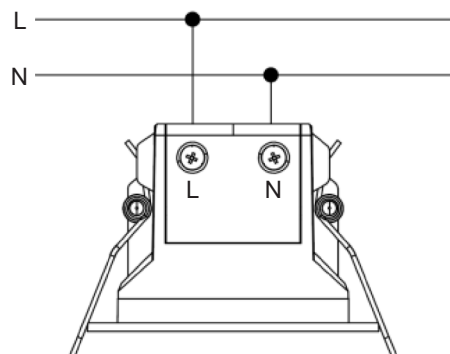
Wiring information

Mains supply wire range 0,75-2,5 mm².

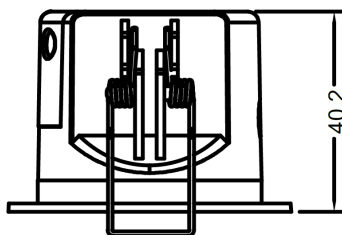
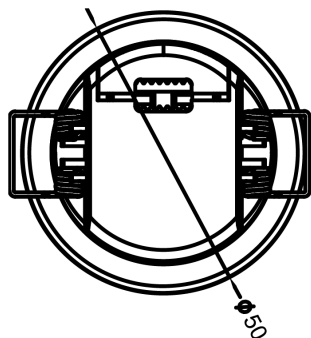
Use solid wire or stranded wire with ferrules.

Strip the wire 8 mm.

Use only one wire per terminal pole.



Dimensions



Technical data

Input

Input voltage	220-240 VAC
Mains frequency	50-60 Hz
Max. input current	TBD
Typical power consumption at idle	TBD
Protection class	Class II

Sensor

Motion sensor type	PIR
Mounting height	3 m
Detection range	Ø 5 m
PIR detection angle	90 degrees
Light measurement range	1-2 000 lux
Light measurement angle	45 degrees

Mechanical

Dimensions	Ø 50 x 40,2 mm
Protection degree	IP20
Wire range, mains supply	0,75-2,5 mm ²
Wire preparation	Strip 8 mm

Radio

Frequency range	2 402-2 480 MHz
Max. transmit power	+8 dBm

Environmental and lifetime

Ambient temperature, ta	-20...+50°C
Storage temperature	-20...+70°C
Lifetime	up to 50 000 h