



## Specification Sheet

# Ledinaire office sensor EcoSet

EXT2010 OCC DL PIR AC Sensor RS WH ESW

Introducing the wireless Philips Ledinaire office sensor EcoSet. This occupancy & daylight office sensor operates Philips Ledinaire panel(s) EcoSet. The 2.4GHz BLE mesh technology enables **simple** and **reliable** communication towards the lights in your space.

The sensor triggers automatic responses to turn on/off or dim the lights based on occupancy & daylight detection. Simple & hassle-free setup using Ledinaire remote control EcoSet, your setup is ready in minutes. A Ledinaire wall switch EcoSet is available as accessory for (optional) manual control of lights.

Suitable for offices

# EcoSet EXT2010 OCC DL PIR AC Sensor RS WH ESW

## Product Features

### Occupancy Detection

- Passive Infrared (PIR) technology for motion detection
- Minimum false triggers

### Daylight Control

- Daylight step-dimming

### Installation

- AC powered
- Surface & Recessed mounting

### Environment

- ROHS compliant
- No Mercury
- Low Carbon Footprint

### Connectivity

- 2.4 GHz BLE mesh networking technology
- Reliable and secure wireless communication, control power range 3-15 m
- Easy commissioning
- Operate with Philips Ledinaire panel(s) EcoSet.

### Control Functionality

- Automatic light control based on occupancy & daylight detection.
- Adjustable sensor parameters for personalized lighting behaviors.

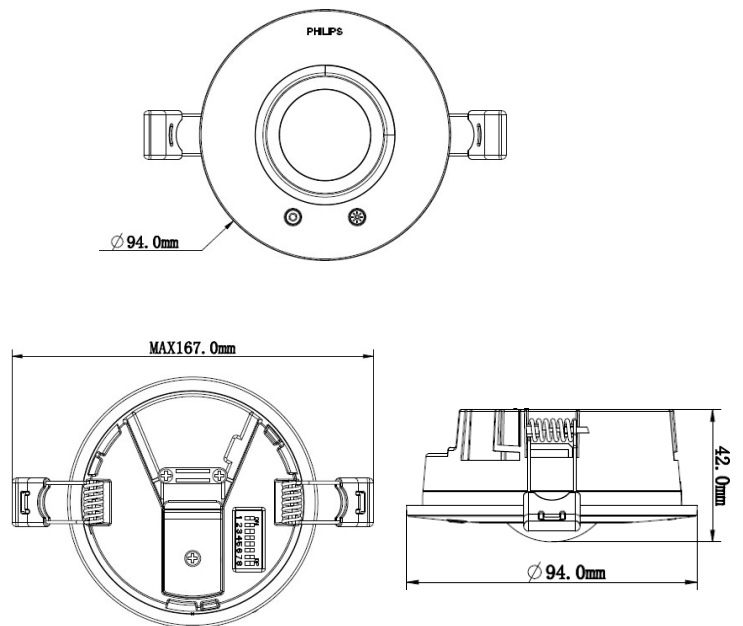
### Reliability

- Reliable operation between -20 °C and 50 °C ambient temperature.\*
- IP20

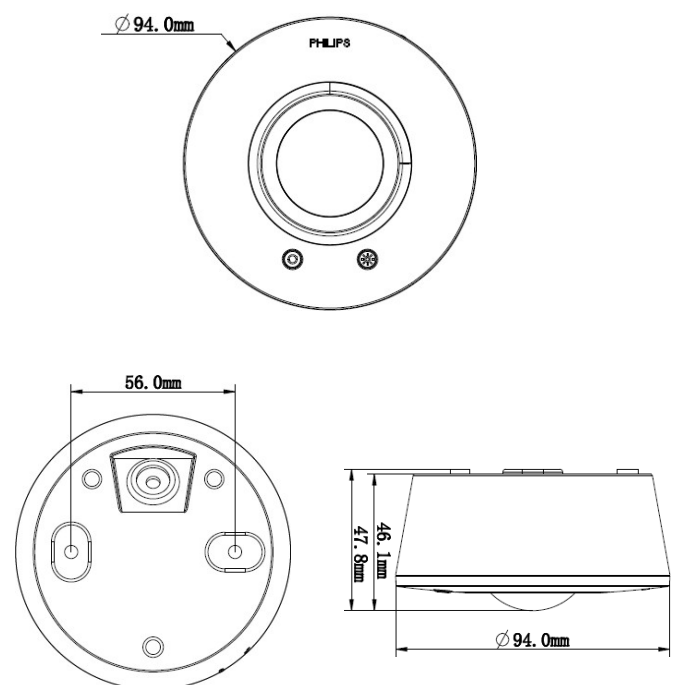
\* PIR sensing performance is affected by the difference in temperature between the moving object and the ambient.

## Dimensional drawings

### Recessed mounting



### Surface mounting



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\* All specifications are typical and at Tc = 25 °C unless otherwise specified.

## Occupancy sensing

Type	Passive infrared (PIR)
Hold time	3(default)/10/15/30mins
Installation height	2.5 – 5m
Detection range (@3m installation height)	2 – 3m minor movement 5m major movement

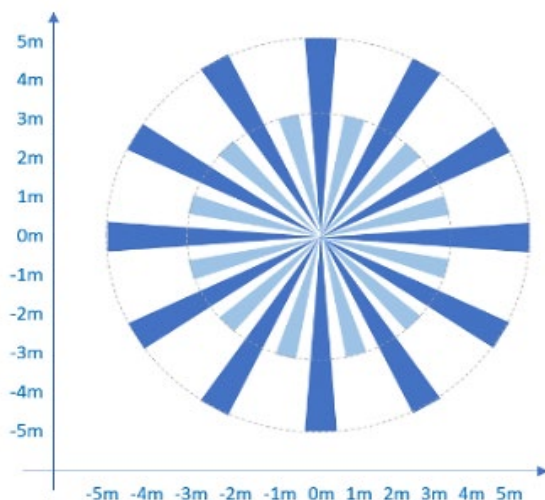
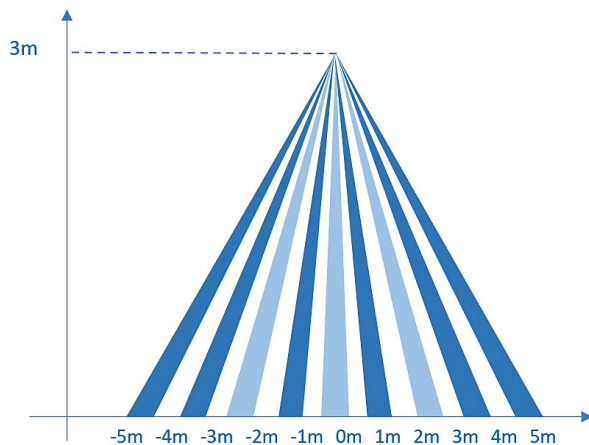
## Daylight sensing

Daylight based control	Default disabled
Daylight dimming level	20%/30%/50%(default)/70%

## Occupancy detection range diagram

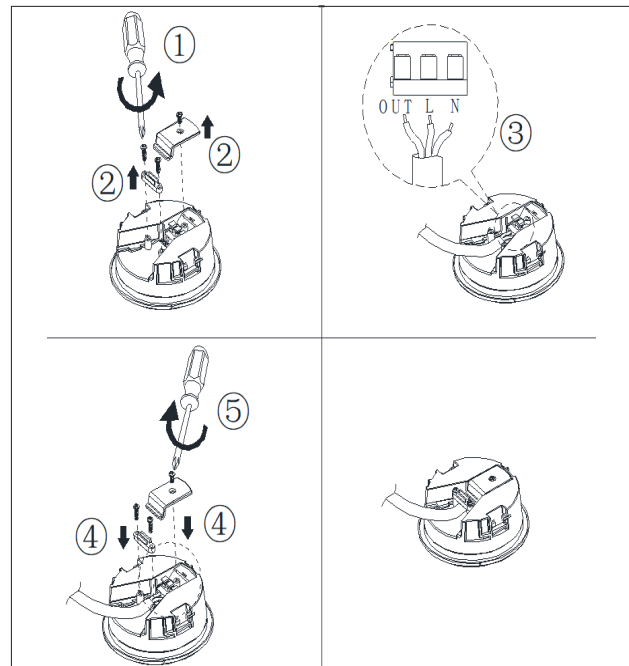
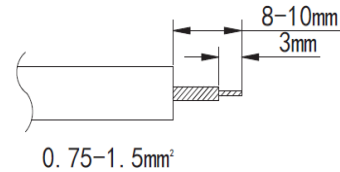
\* Testing condition:

1) 3m installation height; 2) 25°C room temperature



## Electrical installation

Installation (cable wiring)



## Warnings



The Sensor should not be used in the following situations:

- Environmental conditions other than in a normal environment (high temperature, humidity).
- It should not be mounted in direct line of air flow e.g., in front of Air Conditioning vent.
- In applications with heat sources like electrical heaters are within the detection range of the sensor.

# Specifications

## General

Net weight	133g
Material	PC
Storage temperature	-25 to +85 °C
Operational temperature	-20 to +50 °C
Storage humidity	0% to 95% no condensation
Operational humidity	0% to 95% no condensation
Protection Class	IP20

## Technical data

Mains connection voltage	220 – 240 Vac; 50 / 60Hz
Mains surge immunity	1kV / 2kV
Stand-by power consumption	< 0.5W
Normal power consumption	< 0.5W
Applicable wire range	0.75 to 1.5 mm <sup>2</sup>
Angel blocker	Yes
RF power range open-air	3-15 m
Control method	BLE Mesh
System compatibility	EcoSet
Approbation	CE, CB, RED

Note: All specifications are typical and at Tc = 25 °C unless otherwise specified.

## Packaging Data

Type	Box dimensions (mm)	Qty	Material	Weight (Kg)	
				net	gross
EXT2010 Unit Box	105x75x105	1	Cardboard	0.133	0.21
EXT2010 Outer Box	390x220x122	10	Cardboard	1.33	2.34

## Ordering Data

Type	Qty	12NC
EcoSet EXT2010 OCC DL PIR AC Sensor RS WH ESW	1	9114 015 62943

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