Here's how it works

Ledinaire EcoSet luminaire
with integrated wireless controls

+

External motion
and daylight detection sensor

=

Automated dimming
and switching

Here's what you'll get

✓ **Lower energy bills**   ✓ **Higher comfort**   ✓ **Easy installation**

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Introducing Philips Ledinaire EcoSet

A simple and reliable **solution** for offices and schools

The Ledinaire EcoSet panel with motion sensors will reduce electricity bills and ensure comfort through automatic dimming and switching.

High-quality energy-saving LED lighting:

- Easy to install and setup luminaires
- Motion and daylight detection
- Minimal maintenance

[1]Energy savings: compared to regular Ledinaire on/off LED fixtures thanks to automatic dimming and motion detection.

Benefits for the installer

Simple installation thanks to completely wireless configuration of lights and sensors.
Quick assembly using a quick connector - installation like a regular luminaire.
Wireless connection of lighting and sensors.

Fast setup for dimming via "one-touch" approach
Enables automated dimming and switching of lights. Setup an office space with one touch approach.
Dip switches allow easy configuration of settings.

Easy to maintain, no batteries or upgrades
Apart from renowned quality of Philips Ledinaire luminaires, AC powered sensors remove the pain
point of working with batteries. Simple solution requiring no upgrades.

A solution with excellent value
The best choice for customers who care about savings: Thanks to simple installation without
the use of cabling and wireless, quick configuration, you have time for other projects.
Additionally, the customer saves thanks to automatic dimming, motion detection and
adjustment to daylight intensity, which results in lower annual energy consumption.

What do we offer in the EcoSet family?

Ledinaire panel
EcoSet
(OC version)

Ledinaire office
sensor EcoSet

Ledinaire
remote EcoSet

Optional: Ledinaire
wall switch EcoSet

Philips Ledinaire EcoSet – a new lighting system for offices and schools

Quick connector

1 Install the luminaires as you normally would – it's fast and easy thanks to the handy quick connector.

Make sure that the lighting plan will provide power independently for each group of lights.

2 Install sensors at desired locations.

Tip: Place sensors above desks for optimal presence detection. In areas with a lot of foot traffic, place sensors close to entrances and exits.

3 Set up the group with the remote control. Connect luminaires, sensor(s) and optionally a wall switch.

Done!

Ledinaire EcoSet panel specifications

Specification	Ledinaire panel EcoSet
Product name	RC075 34S/840 ESW W60L60 OC EcoSet SC
12NC	911401877685
Luminous flux	3 400
Dimensions	595 mm x 595 mm
Safety cable	Yes, inside packaging (SC)
Efficacy	120 lm/W
Wattage	28 W
Lifetime	75 000 h L70, 50 000 h L80
UGR	<19
CRI	>80
CCT	4 000 K
SDCM	<5
Operating temperature range	-10°C < Ta < +35°C

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Ledinaire EcoSet sensor specifications

Specification	Ledinaire office sensor EcoSet
Product name	EXT2010 OCC DL PIR AC Sensor RS WH ESW
12NC	911401562943
Sensor type	PIR & Daylight (motion and daylight sensor)
Technology	BLE mesh
Frequency	2.4 GHz
Mounting	Recessed and wall-mounted
Mounting height	2.5 – 5 m
Dimensions	Ø 94 mm x 42 mm
IP	IP20
Lifetime	50 000 h Ta25°
Power supply	220-240Vac; 50/60Hz
Operating temperature range	-20°C < Ta < +50°C
Certificates	CE, CB, RED

Retractable cover to adjust the detection angle

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EcoSet wireless wall switch specifications

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Specification	Ledinaire wall switch EcoSet
Product name	EcoSet BLE Wall Switch
12NC	911401562843
Technology	BLE Mesh
Frequency	2.4 GHz
Dimensions	86 mm x 88 mm x 14.5 mm
IP	IP20
Lifetime	> 50 000 switches
Power supply	1 x CR2450 battery (not included)
Operating temperature range	-20°C < Ta < +55°C
Certificates	CB, CE, RED

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EcoSet remote control specifications

Specification	Ledinaire remote controller EcoSet
Product name	EcoSet BLE IR Remote Control
12NC	911401562743
Technology	Infrared & Bluetooth
Power supply	2 x AA battery (not included)
Certificates	CB, CE, RED

A set of codes for the Philips Ledinaire EcoSet family

12NC		Product name
911401877685	Ledinaire panel EcoSet	RC075 34S/840 ESW W60L60 OC EcoSet SC
911401562943	Ledinaire office sensor EcoSet	EXT2010 OCC DL PIR AC Sensor RS WH ESW
911401562843	Ledinaire wall switch EcoSet	EcoSet BLE Wall Switch
911401562743	Ledinaire remote controller EcoSet	EcoSet BLE IR Remote Controller

Ledinaire Panel EcoSet

Ledinaire office sensor EcoSet

Ledinaire wall switch EcoSet

Ledinaire remote controller EcoSet

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Ledinaire

EcoSet

EcoSet
Wireless

REAL
PROs
REAL
QUALITY

Quick start guide

Philips Ledinaire EcoSet

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Exemplary office area

Meeting room A = Group 1

Meeting room B = Group 2

Corridor = Group 3

Ledinaire EcoSet panel

Ledinaire EcoSet office sensor

Power control for the room

Power cabling
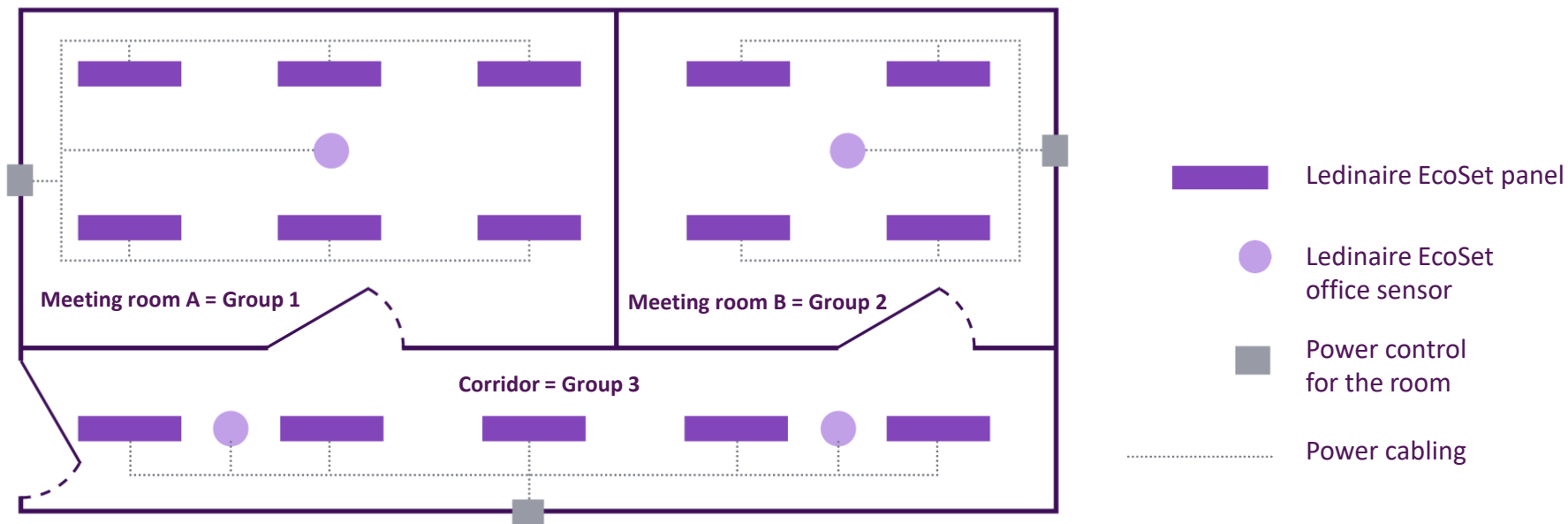
1. Prepare the setup for a group

1

Make sure that the lighting plan will provide power for each group of lights.

Independent power control for each group ensures a successful light setup.

2

Insert batteries in remote control and optional wall switch.

Remote: 2 × AA
Wall switch: 1 × CR2450

3

Optional:

Configure the settings via the dip switches on the back of the sensor.

Please refer to the mounting instructions of the sensor included in the box.

4

Install lights as per lighting plan.

You can turn on the lamps to test the electrical connection, but remember to turn off all lamps before the next step.

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2. Create a group of lights

1

1. **1. Turn the lights in the group off** for 10 seconds. Make sure that no other lights are switched on.

2. **Turn the lights back on**

 > **The red LED in the sensor unit** lights up to indicate that the sensor is being powered up.

 > **Wait until the sensor LED is turned off.** This will take about 50 seconds.

2

Create a new group

Press the above buttons on the remote control for 10 seconds.

 > The red LED on the remote will light up.

 > The lights will dim quickly and return to 100% within 2 minutes.
 No need to wait, we can continue with the configuration.

3

Add a sensor

Shortly press the above button on the sensor.

 > The LED on the sensor will blink for 1 minute while it searches for and connects to the group.

 No need to wait, we can continue with the configuration.

4

Optional step:
Add a wall switch

ON + **+**

Press the above buttons on the wall switch for 10 seconds.

 > The wall switch will search for and connect to the group.

5

Your group is ready when the red LED on the remote turns off. This will take 2 minutes.

Follow the instructions for testing the lights on the next page.

Please complete these steps within 2 minutes, otherwise the setup will fail!

1

Or

2

Or

3

Test lights in the group

QUERY

Press the „Query" button on the remote to make the current group blink once.

Test the wall switch

Press "ON/OFF" or "+/-" buttons to operate the lights.

Please note:
After operating the wall switch the **hold time is extended by 30 minutes.** Switch the light off and on again to be able to test the sensor immediately.

Test the sensor

Walk out of the room / sensor range.

> Lights will dim after hold time, and switch off after 15 mins.