

PHILIPS

Ledinaire

EcoSet



Small effort. Big savings.

Discover Ledinaire EcoSet for a simple upgrade from regular on-off lighting to an automated solution!



Here's how it works



Ledinaire EcoSet luminaire
with integrated wireless controls



External motion and
daylight detection sensor



Automated dimming

✓ Lower energy bills

✓ Higher comfort

✓ Fast payback

Your benefits



Simple to install

- Wireless setup of luminaires and sensors
- Install luminaires just like regular ones – it's fast and easy thanks to quick or toolless push-in connectors



Easy to maintain

- No batteries thanks to AC powered sensors
- No software upgrades
- Renowned quality of Philips Ledinaire luminaires



Fast setup

- "One touch" setup of automated dimming
- Dip switches for easy settings configuration
- No training or advanced skill set needed



Great value solution

- Best choice for budget-conscious customers
- Fast payback times due to low initial investment and significant annual energy savings thanks to motion and daylight dimming^{3,4}

a lighting brand by  signify

Philips Ledinaire EcoSet for parking garages

Here's what you'll need



Ledinaire waterproof EcoSet



Ledinaire parking sensor EcoSet



Enable 52% energy savings!¹

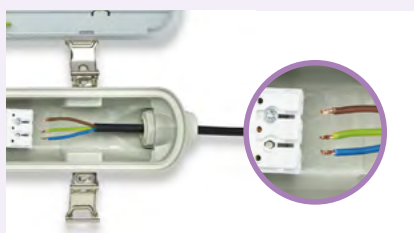


Payback times as short as one year³



In parking garages, safety is just as important as saving energy. That's why the lighting remains dimmed even when no one is present to ensure visibility and safety at all times.

Within minutes, your parking setup is ready to go



1. Install the luminaire as you normally would – it's fast and easy thanks to toolless push-in connectors.



2. Install sensors at desired locations. **Tip:** Place sensors in the traffic lanes and circulation areas. Remember to consider exits and entrances so that people don't have to walk into dark areas.



3. Activate the lights in range by pressing the button on each sensor. Done!



Ledinaire waterproof EcoSet

- Integrated wireless driver
- Combine with external wireless motion and daylight sensor to enable automated dimming
- Robust and waterproof luminaire
- Easy to install thanks to metal clips, longer sliders and toolless push-in connectors
- 4,800/6,800 lm light output, efficacy 140 lm/W
- Available in 4000K
- Two lengths available (1,200 mm/ 1,500 mm)
- Ceiling mounted brackets and suspension hooks included



Ledinaire parking sensor EcoSet

- Motion and daylight sensing
- Simple setup: Sensor is automatically put into operation when activated and automatically connects to lights within its radio range
- Detection range:
 - 4m radius (@3m height) for people
 - 2m radius (@3m height) for cars
- Wireless communication
- Easy configuration of settings via dip switches
- Suitable for extreme conditions:
 - Temperature: -35°C to ~50°C
 - Humidity: 0% to ~95%
- IP65 rating
- For surface-mounted applications
- AC powered

Helpful downloads and tools

Download: Quick installation guide for parking applications

Easily set up the lights and sensors.

Download: Application manual for parking applications

Detailed information about the Ledinaire EcoSet system and its components.

Video: Automated lighting in parking applications

Learn more about how to utilize motion and daylight detection.

Philips Ledinaire EcoSet for offices

Here's what you'll need



Ledinaire panel EcoSet



Ledinaire office sensor EcoSet



Ledinaire remote control EcoSet



Optional: Ledinaire wall switch EcoSet



Enable 32% energy savings!²



Payback times as short as 3 years⁴



Setting for offices where saving energy is the main priority: Lights turn on upon motion detection, dim after vacancy, and finally turn off.

Your office setup is ready in minutes



Quick connector



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

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 one touch on the remote control, sensor(s) and wall switch (optional). Done!

Ledinaire panel EcoSet

- Integrated wireless driver
- Combine with external wireless motion and daylight sensor to enable automated dimming
- Adjustable sensor parameters for personalized lighting behavior, via dip switches or remote control
- 3400 lm light output, efficacy 120 lm/W
- Available in 4000K
- Office compliant (OC)
- Accessories for plaster, surface-mount and suspension available
- Lifetime: 75,000 hours @L70; 50,000 hours @L80





Ledinaire office sensor EcoSet

- Motion and daylight sensing
- Simple setup via remote
- Configuration via dip switches or remote
- Detection range: 5m radius (@3m height)
- Wireless communication (Bluetooth mesh)
- IP20 rating
- For recessed and surface-mounted applications
- Low maintenance as not powered by batteries



Ledinaire remote control EcoSet

- Simple tool for quick one-touch setup of lights via Bluetooth
- Allows configuration of sensor parameters during and after installation
- Easily adjust light settings (e.g. hold time or background level)
- Retains memory for last 8 groups



Optional: Philips Ledinaire wall switch EcoSet

- Manual switching and dimming
- Wireless technology enables flexible use by end user, whether on the table or on the wall
- Quick installation due to one-touch setup
- IP20 rating

Helpful downloads and tools

Download: Quick installation guide for offices

Set up and commission a group of lights and sensors in three easy steps!

Download: Application manual for offices

Detailed information about the Ledinaire EcoSet system and its components.

Video: Automated lighting in offices with Ledinaire EcoSet

Learn more about how to utilize presence and daylight detection in offices.



Want to know more about your benefits and possibilities with Philips Ledinaire EcoSet?
Visit the website or contact your Philips sales partner.

¹ This calculation compares the Ledinaire waterproof WT075C 48S/840 ESW L1200 EcoSet with the regular Ledinaire waterproof WT065C G3 LED48S/840 PSU L1200. The lights are on for 24 hours per day (8,760 hours annually), with 100% brightness for 12 hours and 20% brightness for 12 hours.

² This calculation compares the Ledinaire panel RC075 34S/840 ESW W60L60 OC EcoSet SC with the regular Ledinaire panel RC065B G5 34S/840 PSU W60L60 OC SC, assuming the EcoSet luminaire is dimmed to 20% and switched off when not in use. The lights are used for an average of 11.53 hours per day (3,000 hours annually), with 100% brightness for 7 hours, 20% for 4 hours, and switched off for the rest of the day.

³ This calculation compares the Ledinaire waterproof WT075C 48S/840 ESW L1200 EcoSet with the regular Ledinaire waterproof WT065C G3 LED48S/840 PSU L1200. The lights are on for 24 hours per day (8,760 hours annually), with 100% brightness for 12 hours and 20% brightness for 12 hours in a parking garage (880m², 2,34m ceiling height) using 36 Ledinaire EcoSet waterproof luminaires with 9 Ledinaire parking EcoSet sensors. The average energy cost is 0.252 €/kWh according to the latest [Eurostat report](#), and it is calculated for the non-household consumers in Europe, valid in H12023, based on 27 countries, all taxes and levies included. The data presented is an illustrative forecast based on a proprietary model developed by Signify to help customers understand the impact of lighting on the environment. Signify's „Green Switch conventional light point conversion model“ uses input from numerous sources, references, and data points (available upon request) to generate a simulated view of a given market's energy consumption, but the accuracy of which cannot be verified. The thousand separator is a comma (,) and the decimal separator is a period (.).

⁴ This calculation compares the Ledinaire panel RC075 34S/840 ESW W60L60 OC EcoSet SC with the regular Ledinaire panel RC065B G5 34S/840 PSU W60L60 OC SC, assuming the EcoSet luminaire is dimmed to 20% and switched off when not in use. The lights are used for an average of 11.53 hours per day (3,000 hours annually), with 100% brightness for 7 hours, 20% for 4 hours, and switched off for the rest of the day in a meeting room in an office (30m², 3m ceiling height) using 8 Ledinaire EcoSet panels with a sensor, wall switch, and remote. The average energy cost is 0.252 €/kWh according to the latest [Eurostat report](#), and it is calculated for the non-household consumers in Europe, valid in H12023, based on 27 countries, all taxes and levies included. The data presented is an illustrative forecast based on a proprietary model developed by Signify to help customers understand the impact of lighting on the environment. Signify's „Green Switch conventional light point conversion model“ uses input from numerous sources, references, and data points (available upon request) to generate a simulated view of a given market's energy consumption, but the accuracy of which cannot be verified. The thousand separator is a comma (,) and the decimal separator is a period (.).

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All technical information can be found at www.philips.com/ledinaire