PHILIPS

Lighting



# Trusted performance. Every day.

## Ledinaire panel EcoSet

The Philips Ledinaire panel EcoSet (RC075) introduces a unique plug-and-play wireless solution. This LED lighting panel offers an easy way to unlock more energy savings and enables simple automated lighting in offices or schools.Our latest innovation enables our LED lighting panels to work with an external AC-powered PIR sensor to detect motion and daylight. These additional external lighting sensors trigger automated dimming of the luminaire. Setup is simple with the remote, so your lights are ready in no time. Use predefined dim levels or configure them easily via integrated dipswitches. An optional wall switch is available as an accessory for manual control—just in case you need it!

**Benefits**

- Elevated energy savings
- Good quality and easy to use
- Simple to install and set up
- No risks, trusted performance
- New innovation to market

**Features**

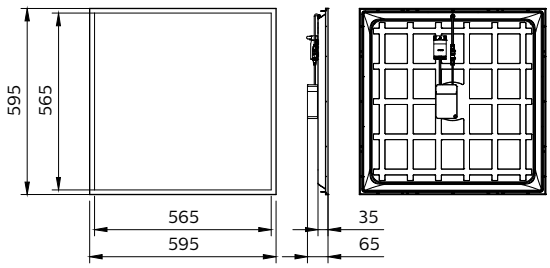
- Output: 3400 lm, 4000K
- Efficacy: 120 lm/W
- Lifetime: L80 at 50K hrs, L70 at 75K hrs
- AC-powered PIR sensor: motion and daylight control
- 5 m radius @ 3 m height, modify settings via dipswitches or remote
- Emergency lighting supported via standalone emergency lighting kit
- 3-year warranty

# Ledinaire panel EcoSet

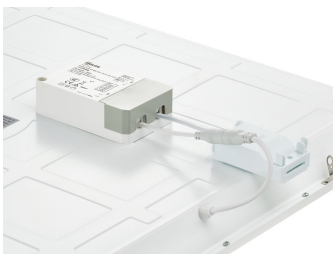
## Application

- Offices
- Education
- Municipal Buildings

## Dimensional drawing




## Product details



**Ledinaire panel Ecoset-backplate_2**



**Ledinaire panel Ecoset-backplate_1**

# Ledinaire panel EcoSet

| General Information | |
|---|---|
| **Driver included** | Yes |
| **Number of gear units** | 1 unit |

| Light Technical | |
|---|---|
| **Beam angle of light source** | 90 degree(s) |
| **Correlated Color Temperature (Nom)** | 4000 K |
| **Color rendering index (CRI)** | >80 |
| **Luminous Flux** | 3,400 lm |
| **Optic type** | Beam angle 90° |

| Operating and Electrical | |
|---|---|
| **Protection class IEC** | Safety class II |
| **Input Voltage** | 220 to 240 V |
| **Line Frequency** | 50 or 60 Hz |
| **Power Consumption** | 28 W |
| **Suitable for random switching** | Not applicable |

| Controls and Dimming | |
|---|---|
| **Dimmable** | Yes |
| **Maximum dim level** | 20% |

| Mechanical and Housing | |
|---|---|
| **Housing Color** | White |
| **Mech. impact protection code** | IK02 |
| **Ingress protection code** | IP20/40 |

| Emergency Operation | |
|---|---|
| **Central Emergency** | No |

| Approval and Application | |
|---|---|
| **Ambient temperature range** | -10 to +35 °C |
| **CE mark** | Yes |
| **ENEC mark** | - |
| **Flammability mark** | For mounting on normally flammable surfaces |
| **Glow-wire test** | Temperature 650 °C, duration 30 s |
| **Flickering value (PstLM) - Flickering value as per EN 61000-3-3** | 1 |

| Initial Performance (IEC Compliant) | |
|---|---|
| **Initial chromaticity** | (0.38, 0.38) SDCM ≤5 |
| **Luminous flux tolerance** | -10% / +10% |

## Light Technical

| Order Code | Full Product Name | Luminous Efficacy (rated) (Nom) |
|---|---|---|
| 911401877685 | RC075 34S/840 ESW W60L60 OC EcoSet SC | 121 lm/W |
| 929800013076 | RC075 4xW60L60 sensor sw remote EcoSet | 120 lm/W |

# Ledinaire panel EcoSet

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