# CoreLine panel

## RC127V LED36S/840 PSD W60L60 OC

CoreLine panel, 36 W, 600x600 mm, 3600 lm, 4000 K, DALI, UGR19

Philips CoreLine panel Gen5 delivers on the CoreLine promise of innovation, easy installation and excellent illumination. Designed as a direct replacement for functional luminaires in general lighting applications, this LED panel light's innovative MultiLumen feature offers a choice of three lumen packages in a single luminaire. This makes it easy to select the right product, gives you the flexibility respond to customer preferences on site, and means fewer product codes on stock. Installing this CoreLine RC132V LED panel is quick and easy too, thanks to a quick connector or Wieland connector. Interact Ready luminaires with integrated wireless communications are also available in this CoreLine range, ready to be used with Interact gateways, sensors and software.

### Product data

| General Information | |
|---|---|
| **Lamp family code** | LED36S [LED module, system flux 3600 lm] |
| **Light source replaceable** | No |
| **Number of gear units** | 1 unit |
| **Driver included** | Yes |
| **Remarks** | *-Per Lighting Europe guidance paper "Evaluating performance of LED based luminaires - January 2018": statistically there is no relevant difference in lumen maintenance between B50 and for example B10. Therefore, the median useful life (B50) value also represents the B10 value. |
| **Lighting Technology** | LED |
| **Value ladder** | Performance |

| | |
|---|---|
| **CE mark** | Yes |
| **Warranty period** | 3 years + 2 years upon registration |
| **Flammability mark** | For mounting on normally flammable surfaces |
| **ENEC mark** | ENEC mark |
| **Glow-wire test** | Temperature 650 °C, duration 30 s |
| **EU RoHS compliant** | Yes |

| Light Technical | |
|---|---|
| **Luminous Flux** | 3,600 lm |
| **Correlated Color Temperature (Nom)** | 4000 K |
| **Luminous Efficacy (rated) (Nom)** | 100 lm/W |
| **Color rendering index (CRI)** | ≥80 |
| **Light source color** | 840 neutral white |

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| | |
|---|---|
| **Optic type** | - |
| **Luminaire light beam spread** | 100° |
| **Unified glare rating CEN** | 19 |

## Operating and Electrical

| | |
|---|---|
| **Input Voltage** | 220 to 240 V |
| **Line Frequency** | 50 to 60 Hz |
| **Inrush current** | 20.4 A |
| **Inrush time** | 0.195 ms |
| **Power Consumption** | 36 W |
| **Power Factor (Fraction)** | 0.9 |
| **Connection** | Push-in connector and pull relief |
| **Cable** | - |
| **Number of products on MCB of 16 A type B** | 24 |

## Temperature

| | |
|---|---|
| **Ambient temperature range** | +10 to +40 °C |

## Controls and Dimming

| | |
|---|---|
| **Dimmable** | Yes |
| **Driver/power unit/transformer** | Power supply unit with DALI interface |
| **Control interface** | DALI |
| **Constant light output** | No |

## Mechanical and Housing

| | |
|---|---|
| **Housing Material** | Aluminum |
| **Reflector material** | - |
| **Optic material** | - |
| **Optical cover material** | Polycarbonate |
| **Fixation material** | - |
| **Housing Color** | White |
| **Optical cover finish** | Opal |

| | |
|---|---|
| **Overall length** | 597 mm |
| **Overall width** | 597 mm |
| **Overall height** | 42 mm |
| **Dimensions (Height x Width x Depth)** | 42 x 597 x 597 mm |

## Approval and Application

| | |
|---|---|
| **Ingress protection code** | IP20/44 [Finger-protected; wire-protected, splash-proof] |
| **Mech. impact protection code** | IK02 [0.2 J standard] |
| **Protection class IEC** | Safety class II |

## Initial Performance (IEC Compliant)

| | |
|---|---|
| **Luminous flux tolerance** | +/-10% |
| **Initial chromaticity** | (0.38, 0.38) SDCM <5 |
| **Power consumption tolerance** | +/-10% |

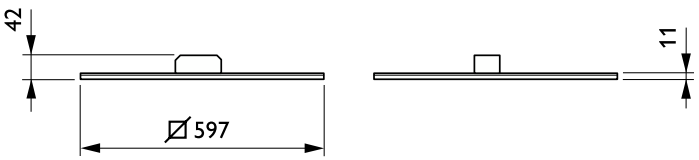
## Application Conditions

| | |
|---|---|
| **Performance ambient temperature Tq** | 25 °C |
| **Maximum dim level** | 1% |
| **Suitable for random switching** | Yes |

## Product Data

| | |
|---|---|
| **Order product name** | RC127V LED36S/840 PSD W60L60 OC |
| **Full product name** | RC127V LED36S/840 PSD W60L60 OC |
| **Full product code** | 871869607092500 |
| **Order code** | 910503910263 |
| **Material Nr. (12NC)** | 910503910263 |
| **Numerator - Quantity Per Pack** | 1 |
| **EAN/UPC - Product/Case** | 8718696070925 |
| **Numerator - Packs per outer box** | 1 |
| **EAN/UPC - Case** | 8718696070925 |

## Dimensional drawing



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2023, December 5 - data subject to change