# Ledinaire panel

## RC065B LED32S/840 PSU W60L60 NOC

Ledinaire panel, 42 W, 600x600 mm, 3200 lm, 4000 K

The Philips Ledinaire panel Gen5 (RC065B/RC066B) range features a selection of popular off-the-shelf LED luminaires that offer Philips high quality at a competitive price. Reliable, energy-efficient and affordable, this latest generation of 600 x 600 mm, 620 x 620 mm, 300 x 1200 mm, and 600 x 1200 Ledinaire LED panel lights are designed for diffuse, comfortable lighting in a wide range of general lighting applications. Our range of Ledinaire panels lighting is also available with accessories for easy installation on different types of ceilings—just what you need.

## Product data

### General Information

| | |
|---|---|
| Lamp family code | LED32S [LED Module, system flux 3200 lm] |
| Cap-Base | – [–] |
| Light source replaceable | No |
| Number of gear units | 1 unit |
| Gear | – |
| 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 | Value |
| CE mark | Yes |
| Warranty period | 3 years |

| | |
|---|---|
| Flammability mark | – |
| ENEC mark | – |
| Glow-wire test | Temperature 650 °C, duration 30 s |
| EU RoHS compliant | Yes |

### Light Technical

| | |
|---|---|
| Luminous Flux | 3,200 lm |
| Correlated Color Temperature (Nom) | 4000 K |
| Luminous Efficacy (rated) (Nom) | 76 lm/W |
| Color rendering index (CRI) | ≥80 |
| Number of light sources | 1 |
| Light source color | 840 neutral white |
| Optic type | – |
| Optical cover type | – |
| Luminaire light beam spread | 114° |
| Unified glare rating CEN | 22 |

# Ledinaire panel

## Operating and Electrical

| | |
|---|---|
| Input Voltage | 220-240 V |
| Line Frequency | 50 to 60 Hz |
| Inrush current | 5 A |
| Inrush time | 0.055 ms |
| Power Consumption | 42 W |
| Power Factor (Fraction) | 0.9 |
| Connection | Push-in connector and pull relief |
| Cable | – |
| Number of products on MCB of 16 A type B | – |

## Temperature

| | |
|---|---|
| Ambient temperature range | +10 to +40 ℃ |

## Controls and Dimming

| | |
|---|---|
| Dimmable | No |
| Driver/power unit/transformer | Power supply unit (On/Off) |
| Constant light output | No |

## Mechanical and Housing

| | |
|---|---|
| Housing Material | Steel |
| Reflector material | – |
| Optic material | Polymethyl methacrylate |
| Optical cover material | Polystyrene |
| Fixation material | – |
| Housing Color | White |
| Optical cover finish | Opal |
| Overall length | 597 mm |
| Overall width | 597 mm |
| Overall height | 43.5 mm |
| Dimensions (Height x Width x Depth) | 44 x 597 x 597 mm |

## Approval and Application

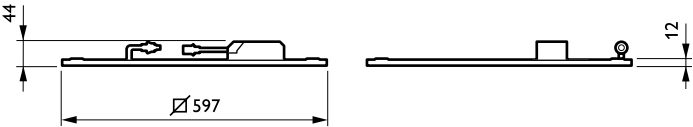| | |
|---|---|
| Ingress protection code | IP20 [Finger-protected] |
| Mech. impact protection code | IK02 [0.2 J standard] |
| Sustainability rating | – |
| Protection class IEC | Safety class II |

## Initial Performance (IEC Compliant)

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

## Over Time Performance (IEC Compliant)

| | |
|---|---|
| Control gear failure rate at median useful life 50000 h | 7.5 % |
| Lumen maintenance at median useful life* 50000 h | L70 |

## Application Conditions

| | |
|---|---|
| Performance ambient temperature Tq | 25 ℃ |
| Suitable for random switching | No |

## Product Data

| | |
|---|---|
| Order product name | RC065B LED32S/840 PSU W60L60 NOC |
| Full product name | RC065B LED32S/840 PSU W60L60 NOC |
| Full product code | 871869607328599 |
| Order code | 910503910199 |
| Material Nr. (12NC) | 910503910199 |
| Numerator – Quantity Per Pack | 1 |
| EAN/UPC – Product/Case | 8718696073285 |
| Numerator – Packs per outer box | 4 |
| EAN/UPC – Case | 8718696073292 |

## Dimensional drawing

# Ledinaire panel