



# CoreLine panel

## RC132V G5 34S/830 PSU W60L60 OC

- 830 warm white - Power supply unit (ON/OFF)

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                      |                                                |
|------------------------------------------|------------------------------------------------|
| Beam angle of light source               | - degree(s)                                    |
| Light source color                       | 830 warm white                                 |
| Light source replaceable                 | No                                             |
| Number of gear units                     | 1 unit                                         |
| Driver/power unit/transformer            | Power supply unit (ON/OFF)                     |
| Driver included                          | Yes                                            |
| Optic type                               | Beam angle 90°                                 |
| Luminaire light beam spread              | 90°                                            |
| Control interface                        | -                                              |
| Connection                               | Push-in connector 5-pole                       |
| Cable                                    | -                                              |
| Protection class IEC                     | Safety class II                                |
| Glow-wire test                           | Temperature 650 °C, duration 30 s              |
| Flammability mark                        | For mounting on normally flammable surfaces    |
| CE mark                                  | Yes                                            |
| ENEC mark                                | ENEC mark                                      |
| Warranty period                          | 5 years                                        |
| Constant light output                    | No                                             |
| Number of products on MCB of 16 A type B | 21                                             |
| Photobiological risk                     | Photobiological risk group 0 @200mm to EN62778 |
| Photobiological risk specification       | 0.2 m                                          |
| EU RoHS compliant                        | Yes                                            |
| Unified glare rating CEN                 | 19                                             |
| Lighting Technology                      | LED                                            |
| Brand                                    | Philips                                        |

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|              |             |
|--------------|-------------|
| Value ladder | Performance |
|--------------|-------------|

## Light Technical

|                                 |             |
|---------------------------------|-------------|
| Luminous Flux                   | 3,400 lumen |
| Saturated Red (R9)              | <50         |
| Luminous Efficacy (rated) (Nom) | 119 lm/W    |
| Color rendering index (CRI)     | >80         |
| Flickering value (PstLM)        | 1           |
| Stroboscopic effect value (SVM) | 0.4         |

## Operating and Electrical

|                               |             |
|-------------------------------|-------------|
| Input Voltage                 | 220-240 V   |
| Line Frequency                | 50 or 60 Hz |
| Input Frequency               | 50 or 60 Hz |
| Initial CLO power consumption | - W         |
| Average CLO power consumption | - W         |
| Power Consumption             | 28.5 W      |
| Inrush current                | 16 A        |
| Inrush time                   | 0.2 ms      |
| Power Factor (Fraction)       | 0.9         |

## Temperature

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

## Controls and Dimming

|          |    |
|----------|----|
| Dimmable | No |
|----------|----|

## Mechanical and Housing

|                                     |                    |
|-------------------------------------|--------------------|
| Housing Material                    | Steel              |
| Reflector material                  | Acrylate           |
| Optic material                      | Polystyrene        |
| Optical cover/lens material         | Acrylate           |
| Fixation material                   | -                  |
| Housing Color                       | White RAL 9003     |
| Optical cover/lens finish           | Diamond            |
| Overall length                      | 595 mm             |
| Overall width                       | 595 mm             |
| Overall height                      | 62 mm              |
| Dimensions (Height x Width x Depth) | NaN x NaN x NaN mm |

## Approval and Application

|                         |                                                          |
|-------------------------|----------------------------------------------------------|
| Ingress protection code | IP20/44 [Finger-protected; wire-protected, splash-proof] |
|-------------------------|----------------------------------------------------------|

|                              |              |
|------------------------------|--------------|
| Mech. impact protection code | IK03 [0.3 J] |
| Sustainability rating        | -            |

## Initial Performance (IEC Compliant)

|                               |                     |
|-------------------------------|---------------------|
| Luminous flux tolerance       | +/-10%              |
| Init. Corr. Color Temperature | 3000 K              |
| Initial chromaticity          | (0.43, 0.40) SDCM≤3 |
| Power consumption tolerance   | +/-10%              |

## Over Time Performance (IEC Compliant)

|                                                         |        |
|---------------------------------------------------------|--------|
| Control gear failure rate at median useful life 50000 h | 0.05 % |
| Lumen maintenance at median useful life* 35000 h        | -      |
| Lumen maintenance at median useful life* 50000 h        | L90    |
| Lumen maintenance at median useful life* 75000 h        | -      |
| Lumen maintenance at median useful life* 100000 h       | L80    |

## Application Conditions

|                                    |                |
|------------------------------------|----------------|
| Performance ambient temperature Tq | 25 °C          |
| Maximum dim level                  | Not applicable |
| Suitable for random switching      | Yes            |

## Product Data

|                                 |                                 |
|---------------------------------|---------------------------------|
| Full product code               | 871951495004700                 |
| Order product name              | RC132V G5 34S/830 PSU W60L60 OC |
| Order code                      | 911401841084                    |
| Numerator - Quantity Per Pack   | 1                               |
| Numerator - Packs per outer box | 1                               |
| Material number (12NC)          | 911401841084                    |
| Net weight                      | 2.200 kg                        |
| Full product name               | RC132V G5 34S/830 PSU W60L60 OC |
| EAN/UPC - Case                  | 8719514950047                   |



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### Dimensional drawing

