



# CoreLine panel

## RC132V G5 36S/840 PSD W30L120 OC

CoreLine panel, 28.5 W, 1200x300 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      |                                             | EU RoHS compliant                                               |                   |
|--------------------------|---------------------------------------------|-----------------------------------------------------------------|-------------------|
| Light source replaceable | No                                          | Yes                                                             |                   |
| Number of gear units     | 1 unit                                      | Light Technical                                                 |                   |
| Driver included          | Yes                                         | Luminous Flux                                                   | 3,600 lm          |
| Lighting Technology      | LED                                         | Saturated Red (R9)                                              | <50               |
| Value ladder             | Performance                                 | Correlated Color Temperature (Nom)                              | 4000 K            |
| CE mark                  | Yes                                         | Luminous Efficacy (rated) (Nom)                                 | 125 lm/W          |
| Warranty period          | 5 years                                     | Color rendering index (CRI)                                     | ≥80               |
| Flammability mark        | For mounting on normally flammable surfaces | Flickering value (PstLM) - Flickering value as per EN 61000-3-3 | 1                 |
| ENEC mark                | ENEC mark                                   | Stroboscopic effect visibility measure (SVM)                    | 0.4               |
| Glow-wire test           | Temperature 650 °C, duration 30 s           | Light source color                                              | 840 neutral white |
|                          |                                             | Optic type                                                      | Beam angle 90°    |



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|                             |     |
|-----------------------------|-----|
| Luminaire light beam spread | 90° |
| Unified glare rating CEN    | 19  |

Operating and Electrical

|                                          |                          |
|------------------------------------------|--------------------------|
| Input Voltage                            | 220-240 V                |
| Line Frequency                           | 50 or 60 Hz              |
| Inrush current                           | 18.3 A                   |
| Inrush time                              | 0.276 ms                 |
| Power Consumption                        | 28.5 W                   |
| Power Factor (Fraction)                  | 0.9                      |
| Connection                               | Push-in connector 5-pole |
| Cable                                    | -                        |
| Number of products on MCB of 16 A type B | 14                       |

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                    | Steel               |
| Reflector material                  | Acrylate            |
| Optic material                      | Polystyrene         |
| Optical cover material              | Acrylate            |
| Fixation material                   | -                   |
| Housing Color                       | White               |
| Optical cover finish                | Microprismatic lens |
| Overall length                      | 1,195 mm            |
| Overall width                       | 295 mm              |
| Overall height                      | 67 mm               |
| Dimensions (Height x Width x Depth) | 67 x 295 x 1195 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              | -                                              |
| Protection class IEC               | Safety class II                                |
| Photobiological risk               | Photobiological risk group 0 @200mm to EN62778 |
| Photobiological risk specification | 0.2 m                                          |

Initial Performance (IEC Compliant)

|                             |                     |
|-----------------------------|---------------------|
| Luminous flux tolerance     | +/-10%              |
| Initial chromaticity        | (0.38, 0.38) SDCM≤3 |
| Power consumption tolerance | +/-10%              |

Over Time Performance (IEC Compliant)

|                                                 |     |
|-------------------------------------------------|-----|
| Control gear failure rate at median useful life | 5 % |
| 50000 h                                         |     |
| Lumen maintenance at median useful life*        | L90 |
| 50000 h                                         |     |
| Lumen maintenance at median useful life*        | L80 |
| 100000 h                                        |     |

Application Conditions

|                                    |       |
|------------------------------------|-------|
| Performance ambient temperature Tq | 25 °C |
| Maximum dim level                  | 3%    |
| Suitable for random switching      | Yes   |

Product Data

|                                 |                                  |
|---------------------------------|----------------------------------|
| Order product name              | RC132V G5 36S/840 PSD W30L120 OC |
| Full product name               | RC132V G5 36S/840 PSD W30L120 OC |
| Full product code               | 871951495013900                  |
| Order code                      | 911401841984                     |
| Material Nr. (12NC)             | 911401841984                     |
| Numerator - Quantity Per Pack   | 1                                |
| EAN/UPC - Product/Case          | 8719514950139                    |
| Numerator - Packs per outer box | 1                                |
| EAN/UPC - Case                  | 8719514950139                    |

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### Dimensional drawing

