# **PHILIPS** Lighting



# **CoreLine panel**

# RC132V LED36S/840 W30L120 IA1 NOC

CoreLine panel, 34 W, 1200x300 mm, 3600 lm, 4000 K, Wireless, Interact Ready

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      |   |
|--------------------------|---|
| 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.            |
| Service tag              | Yes   |
| Connectivity             | Interact Ready                                  |
| Lighting Technology      | LED   |

| Value ladder                       | Performance                        |
|------------------------------------|------------------------------------|
| Embedded control                   | Interact SNS210 sensor             |
| CE mark                            | Yes                                |
| Warranty period                    | 5 years                            |
| 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                             |
|                                    |                                    |

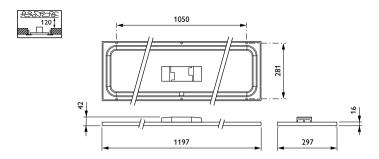
### CoreLine panel

| Luminous Efficacy (rated) (Nom)        | 100 lm/W                          |
|--|-----------------------------------|
| Color rendering index (CRI)            | ≥80                               |
| Beam angle of light source             | 120 degree(s)                     |
| Light source color                     | 840 neutral white                 |
| Optic type                             | -                                 |
| Luminaire light beam spread            | 110°                              |
| Unified glare rating CEN               | 22                                |
|  |                                   |
| Operating and Electrical               |                                   |
| Input Voltage                          | 220-240 V                         |
| Line Frequency                         | 50 to 60 Hz                       |
| Average CLO power consumption          | 35 W                              |
| Inrush current                         | 8 A                               |
| Inrush time                            | 0.25 ms                           |
| Power Consumption                      | 34 W                              |
| Power Factor (Fraction)                | 0.9                               |
| Connection                             | Push-in connector and pull relief |
| Cable                                  | -                                 |
| Number of products on MCB of 16 A type | 24                                |
| В                                      |                                   |
|  |                                   |
| Temperature                            |                                   |
| Ambient temperature range              | +10 to +40 °C                     |
|  |                                   |
| Controls and Dimming                   |                                   |
| Dimmable                               | Yes                               |
| Driver/power unit/transformer          | Power supply unit regulating      |
| Control interface                      | Wireless                          |
| Constant light output                  | No                                |
|  |                                   |
| Mechanical and Housing                 |                                   |
| Housing Material                       | Aluminum                          |
| Reflector material                     | -                                 |
| Optic material                         | Polymethyl methacrylate           |
| Optical cover material                 | Polymethyl methacrylate           |
| Fixation material                      | -                                 |
| Housing Color                          | White                             |
| Optical cover finish                   | Opal                              |
| Overall length                         | 1,197 mm                          |
|  |                                   |

| Overall width  | 297 mm                                    |
|--|---|
| Overall height   | 42 mm                                     |
| Dimensions (Height x Width x Depth)  | 42 x 297 x 1197 mm                        |
| Approval and Application   |   |
| Ingress protection code  | IP20/44 [Finger-protected; wire-protected |
|  |   |
| Mech. impact protection code   | splash-proof]<br>IK03 [0.3 J]             |
| Sustainability rating  | [0.53]                                    |
| Protection class IEC   | -   |
| Protection class IEC   | Safety class I                            |
| Initial Performance (IEC Compliant)  |   |
| Luminous flux tolerance  | +/-10%                                    |
| Initial chromaticity   | (0.38, 0.38) SDCM <3                      |
| Power consumption tolerance  | +/-10%                                    |
| Over Time Performance (IEC Complia<br>Control gear failure rate at median useful | 5 %                                       |
| life 50000 h   |   |
| Lumen maintenance at median useful life*   | L75                                       |
| 50000 h  |   |
| Application Conditions   |   |
| Performance ambient temperature Tq   | 25 ℃                                      |
| Maximum dim level  | 10%                                       |
| Suitable for random switching  | Yes                                       |
| Product Data   |   |
| Order product name   | RC132V LED36S/840 W30L120 IA1 NOC         |
| Full product name  | RC132V LED36S/840 W30L120 IA1 NOC         |
| Full product code  | 871869938519400                           |
| Order code   | 912401483126                              |
| Material Nr. (12NC)  | 912401483126                              |
| Numerator - Quantity Per Pack  | 1   |
| EAN/UPC - Product/Case   | 8718699385194                             |
| Numerator - Packs per outer box  | 1   |
| EAN/UPC - Case   | 8718699385194                             |
|  | 5/10035303134                             |

## CoreLine panel

#### Dimensional drawing





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