



# CoreLine Panel gen6

## RC132V 60S/840 PSU W60L120 OC

CoreLine Panel gen6, 43 W, 1200x600 mm, VPC, 6000 lm, 4000 K, UGR19

Philips CoreLine panel Gen6 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 All-in feature offers a choice of three lumen packages and three-color temperatures 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 the CoreLine RC132V LED panel is quick and easy, using the product's quick connector or flywire. The CoreLine range includes Interact Ready luminaires with integrated wireless communications, ready to be used with Interact gateways, sensors, and software.

### Product data

| General Information                 |                                                               | Colour rendering index (CRI) |                   |
|-------------------------------------|---------------------------------------------------------------|------------------------------|-------------------|
| Number of gear units                | Unit                                                          |                              | >80               |
| Driver included                     | Yes                                                           | Light source colour          | 840 neutral white |
| Value ladder                        | Performance                                                   | Optic type                   | Beam angle 90°    |
| Serviceability class                | Class C, luminaire without serviceable parts, not serviceable | Luminaire light beam spread  | 90°               |
| Warranty period                     | 5 years                                                       | Unified Glare Rating (CEN)   | 19                |
| Sustainability rating               | -                                                             | Operating and Electrical     |                   |
| Light Technical                     |                                                               | Input Voltage                | 220 to 240 V      |
| Luminous Flux                       | 6,000 lm                                                      | Line Frequency               | 50 or 60 Hz       |
| Correlated Colour Temperature (Nom) | 4000 K                                                        | Inrush current               | 18 A              |
| Luminous efficacy (rated) (nom.)    | 140 lm/W                                                      | Inrush time                  | 0.275 ms          |
|                                     |                                                               | Power Consumption            | 43 W              |
|                                     |                                                               | Power Factor (Fraction)      | 0.9               |

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|                                         |                          |
|-----------------------------------------|--------------------------|
| Connection                              | Push-in connector 2-pole |
| Cable                                   | Cable with connector     |
| Number of products on MCB (16 A type B) | 22                       |
| Suitable for random switching           | Not applicable           |
| Protection class IEC                    | Safety class II          |

Controls and Dimming

|                               |                                     |
|-------------------------------|-------------------------------------|
| Dimmable                      | No                                  |
| Driver/power unit/transformer | Power supply unit external (On/Off) |
| Constant light output         | No                                  |
| Maximum dim level             | Not applicable                      |

Mechanical and Housing

|                                                           |                                 |
|-----------------------------------------------------------|---------------------------------|
| Housing material                                          | Steel                           |
| Reflector material                                        | Acrylate                        |
| Optic material                                            | Polymethyl methacrylate         |
| Optical cover/lens material                               | Polycarbonate                   |
| Fixation material                                         | -                               |
| Housing Colour                                            | White                           |
| Optical cover/lens finish                                 | Structured optic                |
| Overall length                                            | 1,195 mm                        |
| Overall width                                             | 595 mm                          |
| Overall height                                            | 37 mm                           |
| Dimensions (height x width x depth)                       | 37 x 595 x 1195 mm              |
| Compatible ceiling or ceiling installation accessory type | Visible profile ceiling version |
| Ingress protection code                                   | IP20 (IP44 front)               |
| Mech. impact protection code                              | IK03 [0.3 J]                    |
| Net Weight (Piece)                                        | 4.050 kg                        |

Approval and Application

|                   |                                             |
|-------------------|---------------------------------------------|
| Glow-wire test    | Temperature 650 °C, duration 30 s           |
| Flammability mark | For mounting on normally flammable surfaces |
| CE mark           | Yes                                         |

|                                    |               |
|------------------------------------|---------------|
| ENEC mark                          | ENEC mark     |
| EU RoHS compliant                  | Yes           |
| Performance ambient temperature Tq | 25 °C         |
| Flickering value (PstLM)           | 1             |
| Stroboscopic effect                | 0.4           |
| Ambient temperature range          | -10 to +35 °C |

Initial Performance (IEC Compliant)

|                                                        |                      |
|--------------------------------------------------------|----------------------|
| Luminous flux tolerance                                | -10% / +10%          |
| Initial chromaticity                                   | (0.38, 0.38) SDCM ≤3 |
| Power consumption tolerance                            | +/-10%               |
| Standard Deviation of Colour Matching (McAdam ellipse) | SDCM≤3               |

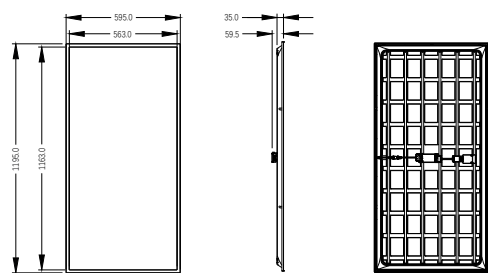
Over Time Performance (IEC Compliant)

|                                                                      |     |
|----------------------------------------------------------------------|-----|
| Control gear failure rate at median useful life 50,000 h             | 5 % |
| Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h  | L90 |
| Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h | L80 |

Product Data

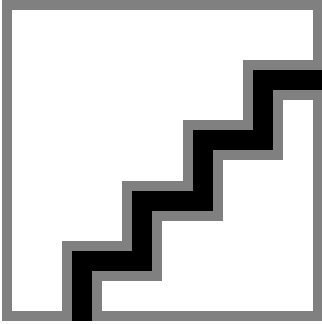
|                                 |                               |
|---------------------------------|-------------------------------|
| Order product name              | RC132V 60S/840 PSU W60L120 OC |
| Full product name               | RC132V 60S/840 PSU W60L120 OC |
| Full EOC                        | 872110331142999               |
| Order code                      | 31142999                      |
| Material no. (12 NC)            | 911401888287                  |
| Numerator – quantity per pack   | 1                             |
| EAN/UPC — Product/Case          | 8721103311429                 |
| Numerator – packs per outer box | 2                             |
| EAN/UPC - Case                  | 8721103311467                 |

Dimensional drawing



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### Photometric data



Polar Normal (separate) - null - 911401888287

