



CoreLine Panel G6

RC132V G6 29_36_43S/830_40 PSU W60L60 OC

CoreLine Panel G6, All-in, 31 W, 22 W, 600x600 mm, VPC, 2900 lm, 3100 lm, 3350 lm, 3600 lm, 4000 lm, 4300 lm, 3000 K, 3500 K, 4000 K

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 | | Flickering value (PstLM) - Flickering value as 1 per EN 61000-3-3 | |
|------------------------------------|--|---|---|
| Number of gear units | 1 unit | Stroboscopic effect visibility measure (SVM) | 0.4 |
| Driver included | Yes | Beam angle of light source | 90 degree(s) |
| Value ladder | Performance | Light source color | 840 neutral white |
| Safety device | SC [Safety cable] | Optic type | Beam angle 90° |
| Light Technical | | Luminaire light beam spread | 90° |
| Luminous Flux | 2,900 3,100 3,350 3,600 4,000 4,300 lm | Unified glare rating CEN | 19 |
| Luminous Efficacy (rated) (Nom) | 141 139 lm/W | All-in Type | All-in, Multi Lumen and Multi Color Temperature |
| Correlated Color Temperature (Nom) | 3000 3500 4000 K | | |
| Color rendering index (CRI) | >80 | | |

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| Operating and Electrical | |
|--|--------------------------|
| Input Voltage | 220 to 240 V |
| Line Frequency | 50 or 60 Hz |
| Inrush current | 20 A |
| Inrush time | 0.22 ms |
| Power Consumption | 31.22 W |
| Power Factor (Fraction) | 0.9 |
| Connection | Push-in connector 2-pole |
| Cable | - |
| Number of products on MCB of 16 A type B | 21 |

| Temperature | |
|---------------------------|---------------|
| Ambient temperature range | -10 to +35 °C |

| Controls and Dimming | |
|-------------------------------|-------------------------------------|
| Dimmable | No |
| Driver/power unit/transformer | Power supply unit external (On/Off) |
| Control interface | - |
| Constant light output | No |

| Mechanical and Housing | |
|---|---------------------------------|
| Housing Material | Steel |
| Reflector material | Acrylate |
| Optic material | Polystyrene |
| Optical cover material | Polystyrene |
| Fixation material | - |
| Housing Color | White RAL 9003 |
| Optical cover finish | Diamond |
| Overall length | 595 mm |
| Overall width | 595 mm |
| Overall height | 63 mm |
| Dimensions (Height x Width x Depth) | 63 x 595 x 595 mm |
| Compatible ceiling or ceiling installation accessory type | Visible profile ceiling version |

| Approval and Application | |
|------------------------------|--|
| Ingress protection code | IP20/44 [Finger-protected; wire-protected, splash-proof] |
| Mech. impact protection code | IK02 [0.2 J standard] |
| Sustainability rating | - |
| 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 | CE mark |
| ENEC mark | ENEC mark |
| Warranty period | 5 years |
| Photobiological risk | Photobiological risk group 0 @200mm to EN62778 |
| Photobiological risk specification | 0.2 m |
| EU RoHS compliant | Yes |

| Initial Performance (IEC Compliant) | |
|-------------------------------------|----------------------|
| Luminous flux tolerance | -10% / +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 50000 h | 5 % |
| Lumen maintenance at median useful life* 50000 h | L85 |
| Lumen maintenance at median useful life* 100000 h | L75 |

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

| Product Data | |
|---------------------------------|--|
| Order product name | RC132V G6 29_36_43S/830_40 PSU W60L60 OC |
| Full product name | RC132V G6 29_36_43S/830_40 PSU W60L60 OC |
| Full product code | 872016973518799 |
| Order code | 911401891185 |
| Material Nr. (12NC) | 911401891185 |
| Numerator - Quantity Per Pack | 1 |
| Net Weight (Piece) | 2.230 kg |
| EAN/UPC - Product/Case | 8720169735187 |
| Numerator - Packs per outer box | 4 |
| EAN/UPC - Case | 8720169735330 |

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Dimensional drawing

