



CoreLine panel

RC132V G5 31_36_43S/840 PSU W60L60 OC

- 840 neutral 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 | | Flammability mark | For mounting on normally flammable surfaces |
|-------------------------------|-----------------------------------|--|--|
| Beam angle of light source | - degree(s) | CE mark | Yes |
| Light source color | 840 neutral white | ENEC mark | ENEC mark |
| Light source replaceable | No | Warranty period | 5 years |
| Number of gear units | 1 unit | Constant light output | No |
| Driver/power unit/transformer | Power supply unit (ON/OFF) | Number of products on MCB of 16 A type B | 13 |
| Driver included | Yes | Photobiological risk | Photobiological risk group 0 @200mm to EN62778 |
| Optic type | Beam angle 90° | Photobiological risk specification | 0.2 m |
| Luminaire light beam spread | 90° | EU RoHS compliant | Yes |
| Control interface | - | Unified glare rating CEN | 19 |
| Connection | Push-in connector 3-pole | Lighting Technology | LED |
| Cable | - | Brand | Philips |
| Protection class IEC | Safety class II | | |
| Glow-wire test | Temperature 650 °C, duration 30 s | | |

CoreLine panel

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

Light Technical

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|---------------------------------|-------------|
| Luminous Flux | 4,300 lumen |
| Saturated Red (R9) | <50 |
| Luminous Efficacy (rated) (Nom) | 125 lm/W |
| Color rendering index (CRI) | >80 |
| Flickering value (PstLM) | 1 |
| Stroboscopic effect value (SVM) | 0.4 |

Operating and Electrical

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|-------------------------------|-------------|
| 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 | 34.5 W |
| Inrush current | 19.7 A |
| Inrush time | 0.242 ms |
| Power Factor (Fraction) | 0.9 |

Temperature

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

Controls and Dimming

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|----------|----|
| 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

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

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

Initial Performance (IEC Compliant)

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|-------------------------------|----------------------------|
| Luminous flux tolerance | +/-10% |
| Init. Corr. Color Temperature | 4000 K |
| Initial chromaticity | (0.38, 0.38) SDCM \leq 3 |
| Power consumption tolerance | +/-10% |

Over Time Performance (IEC Compliant)

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|---|--------|
| Control gear failure rate at median useful life | 0.05 % |
| 50000 h | |
| Lumen maintenance at median useful life* | - |
| 35000 h | |
| Lumen maintenance at median useful life* | L90 |
| 50000 h | |
| Lumen maintenance at median useful life* | - |
| 75000 h | |
| Lumen maintenance at median useful life* | L75 |
| 100000 h | |

Application Conditions

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

Product Data

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|---------------------------------|--|
| Full product code | 871951495031300 |
| Order product name | RC132V G5 31_36_43S/840 PSU W60L60 OC |
| Order code | 911401843784 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 1 |
| Material number (12NC) | 911401843784 |
| Net weight | 2.200 kg |
| Full product name | RC132V G5 31_36_43S/840 PSU W60L60 OC |
| EAN/UPC - Case | 8719514950313 |



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Dimensional drawing

