



CoreLine Panel gen6

RC132VG6 29_36_43/830_40 PSU 60x60OC WA3

CoreLine Panel gen6, All-in, 32 W, 600x600 mm, VPC, 2900 lm, 4300 lm, 3000 K, 4000 K, UGR19, WAGO 235

600x600 mm, Visible profile ceiling version, Steel, White, Signal white (RAL9003), Single layer powder coating, Ceiling, Power supply unit (On/Off), All-in, Multi Lumen, All-in, Multi Color Temperature, 2900 lm, 4300 lm, 32 W, 136 lm/W, 125 lm/W, 3000 K, 4000 K, (0.38, 0.38) SDCM ≤ 3 , UGR19, Beam angle 90°, White reflector, Polystyrene, IP20/44 | Finger-protected; wire-protected, splash-proof, IK02 | 0.2 J standard, Safety class II, Cable 1.0 m with plug Wieland/Adels compatible 3-pole, Plug-in connector 3-pole Wago, SC | Safety cable

Product data

| General Information | | Unified glare rating CEN | |
|------------------------------------|-----------------------------------|-------------------------------|---|
| Number of gear units | 1 unit | Unified glare rating CEN | 19 |
| Driver included | Yes | All-in Type | All-in, Multi Lumen All-in, Multi Color Temperature |
| Service tag | Yes | | |
| Value ladder | Performance | Operating and Electrical | |
| Warranty period | 5 years | Input Voltage | 220-240 V |
| | | Line Frequency | 50 to 60 Hz |
| | | Initial CLO power consumption | - W |
| | | Average CLO power consumption | - W |
| | | Inrush current | 20 A |
| | | Inrush time | 0.22 ms |
| | | Power Consumption | 32 W |
| | | Power Factor (Fraction) | 0.9 |
| | | Connection | Plug-in connector 3-pole Wago |
| | | Cable | Cable 1.0 m with plug Wieland/Adels compatible 3-pole |
| Light Technical | | | |
| Luminous Flux | 2,900 4,300 lm | | |
| Correlated Color Temperature (Nom) | 3000 4000 K | | |
| Luminous Efficacy (rated) (Nom) | 136 125 lm/W | | |
| Color rendering index (CRI) | >80 | | |
| Beam angle of light source | 90 degree(s) | | |
| Light source color | 830 warm white, 840 neutral white | | |
| Optic type | Beam angle 90° | | |
| Luminaire light beam spread | 90° | | |

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| Number of products on MCB of 16 A type B | 21 |
| Suitable for random switching | No |
| Protection class IEC | Safety class II |
| Feed-through wiring | - |
| Total harmonic distortion | 20 % |

Wiring

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|----------------|----------|
| Connector Type | WAGO 235 |
|----------------|----------|

Controls and Dimming

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

Mechanical and Housing

| | |
|---|--|
| Housing Material | Steel |
| Reflector material | Polycarbonate |
| Optic material | Polystyrene |
| Optical cover material | Polystyrene |
| Fixation material | - |
| Housing Color | White |
| Optical cover finish | - |
| Reflector Finish | White reflector |
| Overall length | 595 mm |
| Overall width | 595 mm |
| Overall height | 69 mm |
| Dimensions (Height x Width x Depth) | 69 x 595 x 595 mm |
| Compatible ceiling or ceiling installation accessory type | Visible profile ceiling version |
| Ingress protection code | IP20/44 [Finger-protected; wire-protected, splash-proof] |
| Mech. impact protection code | IK02 [0.2 J standard] |
| Explosion hazard class | - |
| Mounting | Ceiling |
| Safety device | SC [Safety cable] |
| Net Weight (Piece) | 2.500 kg |

Emergency Operation

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|-------------------|----|
| Central Emergency | No |
|-------------------|----|

Approval and Application

| | |
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| Glow-wire test | Temperature 650 °C, duration 30 s |
| Flammability mark | - |
| CE mark | Yes |
| ENEC mark | ENEC mark |
| Photobiological risk | Photobiological risk group 0 @200mm to EN62778 |
| Photobiological risk specification | 0,2 m |
| EU RoHS compliant | Yes |

| | |
|---|---------------|
| Performance ambient temperature Tq | 25 °C |
| Flickering value (PstLM) - Flickering value as per EN 61000-3-3 | 1 |
| Stroboscopic effect visibility measure (SVM) | 0.4 |
| Ambient temperature range | 0 °C to 35 °C |

Initial Performance (IEC Compliant)

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

Over Time Performance (IEC Compliant)

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| Control gear failure rate at median useful life 50000 h | 5 % |
| Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 35000 h | - |
| 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* 75000 h | - |
| Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h | L80 |

Sustainability Data

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| Sustainability rating | Unclassified |
| Repair class | Repair Class D, this product is not designed to be repaired. |
| Embedded carbon (A1-A3) | 24.6 kg CO ₂ e |
| Product non-virgin material ratio | 10.1 % |
| Recyclable content ratio of the finished product | 47.9 % |
| GWP total B6 (kg CO ₂ eq) Declared Unit | Please calculate using your local energy mix value: Power Declared Unit (kW) * Service life (hrs) Declared Unit * Energy mix (kg CO ₂ eq / kWh) |
| GWP total B6 (kg CO ₂ eq) Functional Unit | Please calculate using your local energy mix value: Power Declared Unit (kW) * 1000 (lm) / lumen output (lm) Declared Unit * 35000 (hrs) * Energy mix (kg CO ₂ eq / kWh) |

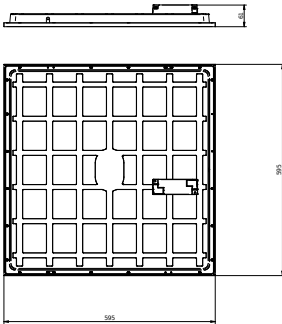
Product Data

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|---------------------------------|--|
| Order product name | RC132VG6 29_36_43/830_40 PSU 60x60OC WA3 |
| Full product name | RC132VG6 29_36_43/830_40 PSU 60x60OC WA3 |
| Full product code | 872016958880600 |
| Order code | 58880600 |
| Material Nr. (12NC) | 910505102823 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8720169588806 |
| Numerator - Packs per outer box | 1 |

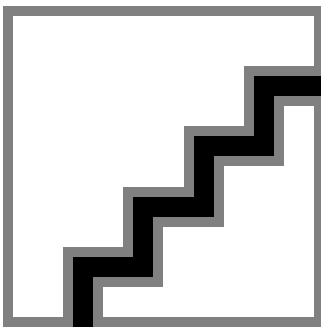
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| EAN/UPC - Case | 8720169588806 |
| Product family code | RC132V [CORELINE PANEL] |

Dimensional drawing



Photometric data



Polar Normal (separate) - RC132VI - 910505102823

