



Ledinaire panel gen5

RC065B G5 34_36S/830_40 PSD W60L60 OC SC

Ledinaire panel gen5, All-in, 28 W, 600x600 mm, VPC, 3400 lm, 3600 lm, 3000 K, 4000 K, DALI, UGR19

600x600 mm, Visible profile ceiling version, Steel, White, Signal white (RAL9003), Power supply unit with DALI interface, All-in, Multi Color Temperature, 3400 lm, 3600 lm, 28 W, 120 lm/W, 113 lm/W, 3000 K, 4000 K, (0.43, 0.40) SDCM ≤ 5 ; (0.38, 0.38) SDCM ≤ 5 , UGR19, Beam angle 90°, Microprismatic lens, Acrylate, IP20/40 | Finger-protected; Wire-protected, IK02 | 0.2 J standard, Safety class II, Push-in connector 5-pole, SC | Safety cable

Product data

| General Information | |
|------------------------------------|-------------------|
| Number of gear units | 1 unit |
| Driver included | Yes |
| Value ladder | Value |
| Warranty period | 5 years |
| Light Technical | |
| Luminous Flux | 3,400 3,600 lm |
| Correlated Color Temperature (Nom) | 3000 4000 K |
| Luminous Efficacy (rated) (Nom) | 120 113 lm/W |
| Color rendering index (CRI) | >80 |
| Beam angle of light source | 90 degree(s) |
| Light source color | 3000K/3500K/4000K |
| Optic type | Beam angle 90° |
| Luminaire light beam spread | 90° |
| Unified glare rating CEN | 19 |

| All-in Type | All-in, Multi Color Temperature |
|--|---------------------------------|
| Operating and Electrical | |
| Input Voltage | 220 to 240 V |
| Line Frequency | 50 or 60 Hz |
| Inrush current | 16 A |
| Inrush time | 0.2 ms |
| Power Consumption | 28 W |
| Power Factor (Fraction) | 0.9 |
| Connection | Push-in connector 5-pole |
| Cable | - |
| Number of products on MCB of 16 A type B | 17 |
| Suitable for random switching | Not applicable |
| Protection class IEC | Safety class II |
| Total harmonic distortion | 20 % |

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| Controls and Dimming | |
|-------------------------------|---------------------------------------|
| Dimmable | Yes |
| Driver/power unit/transformer | Power supply unit with DALI interface |
| Control interface | DALI |
| Constant light output | No |
| DALI Standard | DALI-2™ |
| Maximum dim level | 1% |

| Mechanical and Housing | |
|---|---|
| Housing Material | Steel |
| Reflector material | Acrylate |
| Optic material | Polystyrene |
| Optical cover material | Acrylate |
| Fixation material | - |
| Housing Color | White |
| Optical cover finish | Microprismatic lens |
| Overall length | 595 mm |
| Overall width | 595 mm |
| Overall height | 60 mm |
| Dimensions (Height x Width x Depth) | 60 x 595 x 595 mm |
| Compatible ceiling or ceiling installation accessory type | Visible profile ceiling version |
| Ingress protection code | IP20/40 [Finger-protected;Wire-protected] |
| Mech. impact protection code | IK02 [0.2 J standard] |
| Safety device | SC [Safety cable] |
| Net Weight (Piece) | 1.650 kg |

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

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

| Initial Performance (IEC Compliant) | |
|-------------------------------------|---|
| Luminous flux tolerance | -10% / +10% |
| Initial chromaticity | (0.43, 0.40) SDCM ≤5 ; (0.38, 0.38) SDCM ≤5 |

| | |
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| Power consumption tolerance | +/-10% |
| Standard Deviation of Colour Matching (McAdam ellipse) | SDCM≤5 |

| Over Time Performance (IEC Compliant) | |
|---|-------|
| Control gear failure rate at median useful life 50000 h | 7.5 % |
| Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h | L80 |
| Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 75000 h | L70 |

| Sustainability Data | |
|--|--|
| Sustainability rating | Unclassified |
| Repair class | Repair Class D, this product is not designed to be repaired. |
| Embedded carbon (A1-A3) | 42.1 kg CO ₂ e |
| Product non-virgin material ratio | 7.74 % |
| Recyclable content ratio of the finished product | 58.6 % |
| 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) |

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| 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) |
|--|--|

| | |
|--|---|
| Non-virgin material ratio of the packaging | Cardboard > 80% recycled Plastic >35% recycled |
| Packaging Recyclable content ratio | Cardboard recycling rate > 80% Plastic recycling rate > 40% |
| Packaging Material | Cardboard Plastic |

| Product Data | |
|---------------------------------|--|
| Order product name | RC065B G5 34_36S/830_40 PSD W60L60 OC SC |
| Full product name | RC065B G5 34_36S/830_40 PSD W60L60 OC SC |
| Full product code | 872016951697799 |
| Order code | 51697799 |
| Material Nr. (12NC) | 911401877485 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8720169516977 |
| Numerator - Packs per outer box | 4 |
| EAN/UPC - Case | 8720169516991 |

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Dimensional drawing

