



# Ledinaire panel gen5

RC065B G5 34\_36S/830\_40 PSU W60L60 OC SC

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

600x600 mm, Visible profile ceiling version, Steel, White, Signal white (RAL9003), Power supply unit external (On/Off), 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 3-pole, SC | Safety cable

## Product data

| General Information                |                   |
|------------------------------------|-------------------|
| Number of gear units               | 1 unit            |
| Driver included                    | Yes               |
| Service tag                        | No                |
| 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                           | 18.7 A                          |
| Inrush time                              | 0.218 ms                        |
| Power Consumption                        | 28 W                            |
| Power Factor (Fraction)                  | 0.9                             |
| Connection                               | Push-in connector 3-pole        |
| Cable                                    | -                               |
| Number of products on MCB of 16 A type B | 23                              |
| Suitable for random switching            | Not applicable                  |
| Protection class IEC                     | Safety class II                 |
| Total harmonic distortion                | 20 %                            |

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|                                                                 |                                                |
|-----------------------------------------------------------------|------------------------------------------------|
| <b>Controls and Dimming</b>                                     |                                                |
| Dimmable                                                        | No                                             |
| Driver/power unit/transformer                                   | Power supply unit external (On/Off)            |
| Control interface                                               | -                                              |
| Constant light output                                           | No                                             |
| Maximum dim level                                               | Not applicable                                 |
| <b>Mechanical and Housing</b>                                   |                                                |
| 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                                       |
| <b>Emergency Operation</b>                                      |                                                |
| Central Emergency                                               | No                                             |
| <b>Approval and Application</b>                                 |                                                |
| 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                                  |
| <b>Initial Performance (IEC Compliant)</b>                      |                                                |
| Luminous flux tolerance                                         | -10% / +10%                                    |
| Initial chromaticity                                            | (0.43, 0.40) SDCM ≤5 ; (0.38, 0.38) SDCM ≤5    |

|                                                                     |                                                                                                                                                                        |
|---------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Power consumption tolerance                                         | +/-10%                                                                                                                                                                 |
| Standard Deviation of Colour Matching (McAdam ellipse)              | SDCM≤5                                                                                                                                                                 |
| <b>Over Time Performance (IEC Compliant)</b>                        |                                                                                                                                                                        |
| 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                                                                                                                                                                    |
| <b>Sustainability Data</b>                                          |                                                                                                                                                                        |
| Sustainability rating                                               | Unclassified                                                                                                                                                           |
| Repair class                                                        | Repair Class D, this product is not designed to be repaired.                                                                                                           |
| Embedded carbon (A1-A3)                                             | 41.1 kg CO <sub>2</sub> e                                                                                                                                              |
| Product non-virgin material ratio                                   | 7.46 %                                                                                                                                                                 |
| Recyclable content ratio of the finished product                    | 56 %                                                                                                                                                                   |
| GWP total B6 (kg CO2eq) Declared Unit                               | Please calculate using your local energy mix value: Power Declared Unit (kW) * Service life (hrs) Declared Unit * Energy mix (kg CO2eq / kwh)                          |
| GWP total B6 (kg CO2eq) 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 CO2 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                                                                                                                                                      |
| <b>Product Data</b>                                                 |                                                                                                                                                                        |
| Order product name                                                  | RC065B G5 34_36S/830_40 PSU W60L60 OC SC                                                                                                                               |
| Full product name                                                   | RC065B G5 34_36S/830_40 PSU W60L60 OC SC                                                                                                                               |
| Full product code                                                   | 872016951672499                                                                                                                                                        |
| Order code                                                          | 911401877285                                                                                                                                                           |
| Material Nr. (12NC)                                                 | 911401877285                                                                                                                                                           |
| Numerator - Quantity Per Pack                                       | 1                                                                                                                                                                      |
| EAN/UPC - Product/Case                                              | 8720169516724                                                                                                                                                          |
| Numerator - Packs per outer box                                     | 4                                                                                                                                                                      |
| EAN/UPC - Case                                                      | 8720169516953                                                                                                                                                          |

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### Dimensional drawing

