



PowerBalance RC360B

RC362B G2 LED34S/840 PSD W62L62 VPC ELP3

PowerBalance RC360B, 30 W, 3400 lm, 4000 K, DALI

When it comes to lighting an office space with LED luminaires, people are usually willing to invest in sustainability, provided the investment pays back. At the same time, the system should comply with office lighting norms in order to ensure a comfortable working environment. PowerBalance RC360 offers the ideal combination of sustainable performance and return on investment on the one hand, and compliance with relevant office norms on the other. It reduces energy costs by more than half compared to a T5 solution, and the light source also has a longer lifetime. This results in significantly lower operating costs, ensuring a payback that meets the needs of the specification market. The architecture of PowerBalance RC360 enables a range of highly versatile modular and semi-modularluminaires. These can be easily mounted in ceilings with exposed or concealed T-bars, as well as plaster ceilings and bandraster-type ceilings.

Warnings and Safety

- The product is IP40 and as such is not protected against water ingress, so we strongly recommend that the environment in which the luminaire is to be installed is suitably checked
- If the above advice is not taken and the luminaires are subject to water ingress, Philips/Signify cannot guarantee safe use and the product warranty will become void

Product data

| General Information | |
|--------------------------|--|
| Lamp family code | LED34S [LED module, system flux 3400 lm] |
| Light source replaceable | No |
| Number of gear units | Unit |

| Gear | - | |
|-----------------|--|--|
| Driver included | Yes | |
| Remarks | *- According to the Lighting Europe guidance | |
| | paper 'Evaluating performance of LED based | |

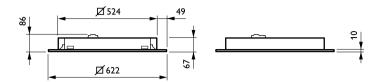
Datasheet, 2023, April 30 data subject to change

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| | luminaires – January 2018': statistically there | Mechanical and Housing | |
|--|---|--|-------------------------------------|
| | is no relevant difference in lumen | Housing material | Steel |
| | maintenance between the B50 and, for | Reflector material | Polycarbonate |
| | example, the B10. Therefore, the median | Optic material | - |
| | useful life (B50) value also represents the B10 | Optical cover/lens material | Polycarbonate |
| | value. | Fixation material | - |
| Product family code | RC362B [PowerBalance recessed] | Housing Colour | White RAL 9003 |
| Lighting Technology | LED | Optical cover/lens finish | Matte |
| Value ladder | Performance | Overall length | 622 mm |
| Embedded control | - | Overall width | 622 mm |
| CE mark | Yes | Overall height | 86 mm |
| Warranty period | 5 years | Dimensions (height x width x depth) | 86 x 622 x 622 mm |
| Flammability mark | For mounting on normally flammable | | |
| | surfaces | Approval and Application | |
| ENEC mark | ENEC plus mark | Ingress protection code | IP20 [Finger-protected] |
| Glow-wire test | Temperature 850 °C, duration 5 s | Mech. impact protection code | IK02 [0.2 J standard] |
| EU RoHS compliant | Yes | Protection class IEC | Safety class I |
| | | | |
| Light Technical | | Initial Performance (IEC Compliant) | |
| Luminous Flux | 3,400 lm | Luminous flux tolerance | +/-10% |
| Correlated Colour Temperature | 4000 K | Initial chromaticity | (0.38, 0.38) SDCM <3 |
| Luminous efficacy (rated) (nom.) | 111 lm/W | Power consumption tolerance | +/-10% |
| Colour rendering index (CRI) | ≥80 | | |
| Light source colour | 840 neutral white | Over Time Performance (IEC Compl | liant) |
| Optic type | - | Control gear failure rate at median useful | 5 % |
| Luminaire light beam spread | 86° | life 50,000 h | |
| Unified Glare Rating (CEN) | 19 | Lumen maintenance at median useful | L90 |
| | | life* 50,000 h | |
| Operating and Electrical | | | |
| Input Voltage | 220-240 V | Application Conditions | |
| Line Frequency | 50 to 60 Hz | Performance ambient temperature Tq | 25 ℃ |
| Inrush current | 21 A | Maximum dim level | 1% |
| Inrush time | 0.255 ms | Suitable for random switching | No |
| Power Consumption | 30 W | | |
| Power Factor (Fraction) | 0.9 | Product Data | |
| Connection | Push-in connector and pull relief | Order product name | RC362B G2 LED34S/840 PSD W62L62 VPC |
| Cable | | | ELP3 |
| Number of products on MCB of 16 A type | 20 | Full product name | RC362B G2 LED34S/840 PSD W62L62 VPC |
| В | | | ELP3 |
| | | Full EOC | 871869687545200 |
| Temperature | | Order code | 87545200 |
| Ambient temperature range | +10 to +40 °C | Material no. (12 NC) | 910502050003 |
| | | SAP numerator – quantity per pack | 1 |
| Controls and Dimming | | EAN/UPC — Product/Case | 8718696875452 |
| Dimmable | Yes | Numerator – packs per outer box | 1 |
| Driver/power unit/transformer | Power supply unit with DALI interface | EAN/UPC - Case | 8718696875452 |
| Control interface | DALI | | |
| Constant light output | No | | |
| | | | |

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Dimensional drawing





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