



PowerBalance RC360 – Perfect combination of sustainable performance and return on investment

PowerBalance RC360B

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-modular luminaires. These can be easily mounted in ceilings with exposed or concealed T-bars, as well as plaster ceilings and bandraaster-type ceilings.

Benefits

- Delivers substantial savings on operating costs compared to T5
- Fully compliant with relevant office norms
- Very efficient luminaire enabling up to 80% energy savings

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Features

- State-of-the-art optical/LED technology
- High efficacy: 115 lm/W
- $UGR < 19$ and $L65 \leq 3000$ cd/m²
- Choice of dimensions and options to suit different applications and needs
- Suitable for direct replacement of T5 luminaires

Application

- General lighting for office buildings
- General lighting for healthcare applications
- General lighting for educational applications

Warnings and Safety

- The product is IP20 and, as such, is not protected against water ingress. Therefore, we strongly recommend that the environment in which the luminaire is to be installed should be suitably checked
- If the advice above is not taken and the luminaires are subject to water ingress, Philips / Signify cannot guarantee safe failure and the product warranty will become void

Versions

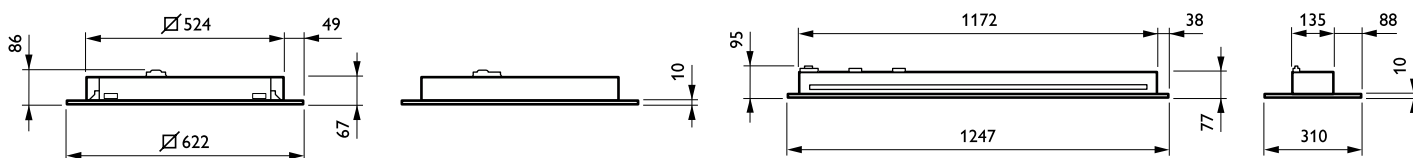


IPPR RC360Bi 0005



IPPR RC360Bi 0007

Dimensional drawing



Product details



IPDP_RC360Bi_0005-Detail
photo



IPDP_RC360Bi_0007-Detail
photo



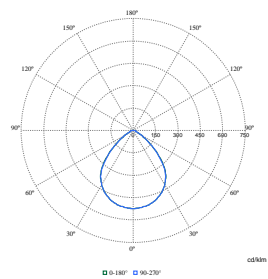
IPDP_RC360Bi_0019-Detail photo

| General Information | |
|---|---|
| Driver included | Yes |
| Gear | - |
| Lamp family code | LED34S |
| Light source replaceable | No |
| Number of gear units | 1 unit |
| Service tag | Yes |
| Light Technical | |
| Beam angle of light source | 120 degree(s) |
| Correlated Color Temperature (Nom) | 4000 K |
| Color rendering index (CRI) | >90 |
| Luminous Efficacy (rated) (Nom) | 129 lm/W |
| Luminous Flux | 3,400 lm |
| Number of light sources | 1 |
| Optic type | Wide beam office compliant |
| Operating and Electrical | |
| Protection class IEC | Safety class I |
| Input Voltage | 220 to 240 V |
| Line Frequency | 50 to 60 Hz |
| Power Consumption | 26 W |
| Suitable for random switching | No |
| Controls and Dimming | |
| Embedded control | - |
| Mechanical and Housing | |
| Optical cover type | Polycarbonate bowl/cover |
| Explosion hazard class | - |
| Housing Color | White |
| Mech. impact protection code | IK03 |
| Ingress protection code | IP20/40 |
| Emergency Operation | |
| Central Emergency | No |
| Approval and Application | |
| Ambient temperature range | +10 to +35 °C |
| CE mark | Yes |
| ENEC mark | ENEC mark |
| Flammability mark | For mounting on normally flammable surfaces |
| Glow-wire test | Temperature 650 °C, duration 30 s |
| Flickering value (PstLM) - Flickering value as per EN 61000-3-3 | 1 |
| Stroboscopic effect visibility measure (SVM) | 0.4 |
| Initial Performance (IEC Compliant) | |
| Initial chromaticity | (0.38, 0.38) SDCM |
| Luminous flux tolerance | +/-10% |

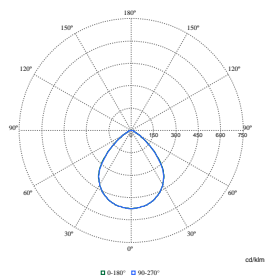
Controls and Dimming

| Order Code | Full Product Name | Dimmable | Maximum dim level |
|------------|--------------------------------|----------|-------------------|
| 96454200 | RC362B 34S/940 PSD W62L62 VPC | Yes | 1% |
| 96445000 | RC362B 34S/940 PSE W31L125 VPC | No | Not applicable |

Polar Wide Diagrams



Polar Normal (separate) - RC460BP -
910505100239



Polar Normal (separate) - RC460BN -
910505100248

