



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 ≤ 3000 cd/m²
- Choice of dimensions and options to suit different applications and needs
- Suitable for direct replacement of T5 luminaires

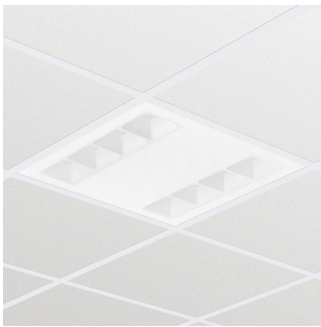
Application

- 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

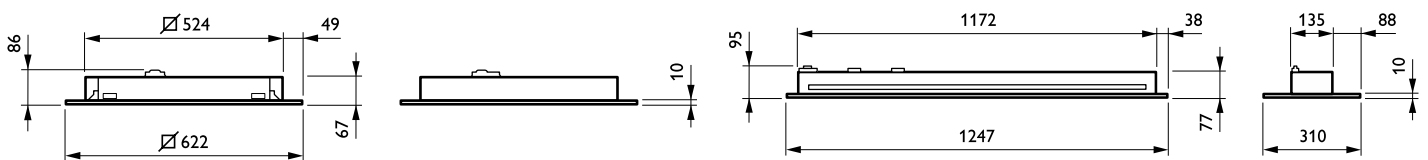


IPPR RC360Bi 0005



IPPR RC360Bi 0007

Dimensional drawing



PowerBalance RC360B

Product details



IPDP_RC360Bi_0005-Detail photo



IPDP_RC360Bi_0007-Detail photo



IPDP_RC360Bi_0019-Detail photo

PowerBalance RC360B

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	-
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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
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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)

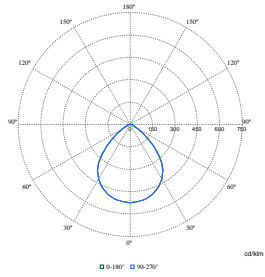
Initial chromaticity	(0.38, 0.38) SDCM
Product family leaflet, 2026, March 19	≤3
Luminous flux tolerance	+/-10%

Controls and Dimming

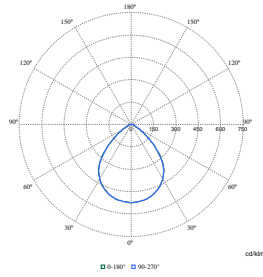
Order Code	Full Product Name	Dimmable	Maximum dim level
96454200	RC362B 34S/940 PSD W62L62 VPC	Yes	1%
96445000	RC362B 34S/940 PSE W31L125 VPC	No	Not applicable

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Polar Wide Diagrams



**Polar Normal (separate) - RC460BP -
910505100239**



**Polar Normal (separate) - RC460BN -
910505100248**

