



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

PowerBalance RC360B

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

Specifications

Type	RC360B (module size 600x600 mm versions)
	RC362B (module size 625x625 mm versions)
Ceiling type	Exposed T-bar ceiling
Ceiling grid	RC360B: module size in length: 600 mm
	RC362B: module size in length: 625 mm
Light source	Non-replaceable LED module
Power	23,5 to 31 W (depending on type)
Beam angle	90°
Luminous flux	2800 or 3400 lm (depending on configuration)
Correlated Color	3000 or 4000 K
Temperature	
Color Rendering Index	> 80
Median useful life L70B50	70,000 hours
Median useful life L80B50	50,000 hours
Median useful life L90B50	25,000 hours

Driver failure rate	1% per 5000 hours
Average ambient temperature	+25 °C
Operating temperature range	+10 to +40 °C
Driver	Built-in
Power/Data supply	Xitanium driver
Mains voltage	220-240 V / 50 Hz
Dimming	DALI dimmable
Material	Housing: coated steel and plastic
	Rim: powder coated steel
	Optics: plastic
Color	White
Connection	Wieland connector (W)
	Push-in connector with pull relief (PIP)
Maintenance	Optical module sealed for life; no internal cleaning required
Installation	Exposed ceilings: in lay, no brackets needed
	Through-wiring not possible

Versions



PowerBalance gen2 RC360B
recessed luminaire with ActiLume,
square version

PowerBalance RC360B

Product details



Air handling slots



PowerBalance gen2 RC360B
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ActiLume sensor

