



# PowerBalance RC360B

## RC360B G2 LED34S/840 PSD W60L60 VPC W WH

PowerBalance recessed, LED module, system flux 3400 lm, 840 neutral white, Power supply unit with DALI interface, Plug-in connector 3-pole Wieland/Adels compatible

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		Cap base	- [-]
Lamp family code	LED34S [LED module, system flux 3400 lm]	Light source replaceable	No

Datasheet, 2023, April 29 data subject to change

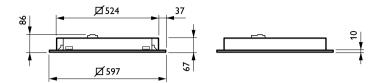
## PowerBalance RC360B

Number of gear units	Unit
Gear	-
Driver included	Yes
Remarks	*- According to the Lighting Europe guidance
	paper 'Evaluating performance of LED based
	luminaires – January 2018': statistically there
	is no relevant difference in lumen
	maintenance between the B50 and, for
	example, the B10. Therefore, the median
	useful life (B50) value also represents the
	B10 value.
Product family code	RC360B [PowerBalance recessed]
Lighting Technology	LED
Value ladder	Performance
Embedded control	<del>-</del>
CE mark	Yes
Warranty period	5 years
Flammability mark	For mounting on normally flammable
- · ·	surfaces
ENEC mark	ENEC plus mark
Glow-wire test	Temperature 850 °C, duration 5 s
EU RoHS compliant	Yes
Light Technical	
Luminous Flux	3,400 lm
Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	124 lm/W
Colour rendering index (CRI)	≥80
Light source colour	840 neutral white
Optic type	-
Optical cover type	Polycarbonate bowl/cover
Luminaire light beam spread	86°
Unified Glare Rating (CEN)	19
Operating and Electrical	
Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Inrush current	21 A
Inrush time	0.255 ms
Power Consumption	27.5 W
Power Factor (Fraction)	0.9
Connection	Plug-in connector 3-pole Wieland/Adels
	compatible
Cable	-
Number of products on MCB of 16 A type	20
В	
Temperature	
Temperature  Ambient temperature range	+10 to +40 °C
Ambient temperature range	+10 to +40 °C
Controls and Dimming	
Controls and Dimming	Vec
Dimmable	Yes

Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
Constant light output	No
Mechanical and Housing	
Housing material	Steel
Reflector material	Polycarbonate
Optic material	_
Optical cover/lens material	Polycarbonate
Fixation material	_
Housing Colour	White RAL 9003
Optical cover/lens finish	Matte
Overall length	597 mm
Overall width	597 mm
Overall height	86 mm
Dimensions (height x width x depth)	86 x 597 x 597 mm
Approval and Application	
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IKO2 [0.2 J standard]
Protection class IEC	Safety class I
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38, 0.38) SDCM <3
Power consumption tolerance	+/-10%
Over Time Performance (IEC Compli	iant)
Control gear failure rate at median useful	
life 50,000 h	3 %
Lumen maintenance at median useful	L90
life* 50,000 h	
Application Conditions	
Performance ambient temperature Tq	25 ℃
Maximum dim level	1%
Suitable for random switching	No
Product Data	
Order product name	RC360B G2 LED34S/840 PSD W60L60 VPC
	W WH
Full product name	RC360B G2 LED34S/840 PSD W60L60 VPC
	W WH
Full EOC	871794311295100
Order code	11295100
Material no. (12 NC)	910502030003
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8717943112951
Numerator – packs per outer box	1
EAN/UPC - Case	8717943112951

## PowerBalance RC360B

## Dimensional drawing





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