PHILIPS Lighting



PowerBalance RC360B

RC360B G2 LED34S/840 PSD W60L60 VPC PIP

PowerBalance recessed, LED module, system flux 3400 lm, 840 neutral white, Power supply unit with DALI interface, Push-in connector and pull relief

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	

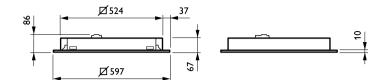
PowerBalance RC360B

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	-	
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	220.240.1/	
Input Voltage	220-240 V	
Line Frequency	50 to 60 Hz	
Inrush current	21 A	
Inrush time	0.255 ms	
Power Consumption	27 W	
Power Factor (Fraction)	0.9	
Connection	Push-in connector and pull relief	
Cable	-	
Number of products on MCB of 16 A type B	20	
Temperature		
Ambient temperature range	+10 to +40 °C	
Controls and Dimension		
Controls and Dimming		
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	IK02 [0.2 J standard]
Protection class IEC	Safety class I
Initial Porformance (IEC Compliant)	
Initial Performance (IEC Compliant)	. / 10%
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38, 0.38) SDCM <3
Power consumption tolerance	+/-10%
Over Time Performance (IEC Compl	
Control gear failure rate at median useful	5 %
life 50,000 h	100
Lumen maintenance at median useful	L90
life* 50,000 h	
Application Conditions	
Application Conditions	25 ℃
Performance ambient temperature Tq	
Maximum dim level	1%
Suitable for random switching	NO
Preduct Data	
Product Data	
Order product name	RC360B G2 LED34S/840 PSD W60L60 VPC
E-Ware destant	
	RC360B G2 LED34S/840 PSD W60L60 VPC
Full product name	
	PIP
Full EOC	871794311296800
Full EOC Order code	871794311296800 11296800
Full EOC Order code Material no. (12 NC)	871794311296800 11296800 910502030103
Full EOC Order code	871794311296800 11296800
Full EOC Order code Material no. (12 NC) SAP numerator – quantity per pack EAN/UPC — Product/Case	871794311296800 11296800 910502030103
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Dimensional drawing





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