



PowerBalance RC360B

RC362B LED34S/840 PSU W31L125 VPC PIP

PowerBalance recessed, LED module, system flux 3400 lm, 840 neutral white, Power supply unit (On/Off), Push-in connector and pull relief

When it comes to lighting office spaces with LED luminaires, businesses are willing to invest in sustainability, provided they get a payback on their investment. At the same time, the system should comply with office lighting norms to ensure a comfortable working environment. Philips PowerBalance Gen2 is our most energyefficient, office-compliant LED luminaire. Designed for circularity and enhanced wellbeing, this office luminaire also promises future-proof connectivity. State-ofthe-art efficacy (at CRI <gt/>90), upgradability features, a long lifetime, repairability, and design for recyclability make PowerBalance Gen2 a true 'green choice'. One that also delivers significantly lower operational costs to ensure an attractive payback that meets the needs of businesses and the specification market. The Gen2 architecture in the latest PowerBalance range has enabled us to create a range of highly-versatile modular and semi-modular luminaires. These LED luminaires can be easily mounted in ceilings with an exposed T-bar or concealed T-bar, as well as plaster ceilings and bandraster-type ceilings. PowerBalance is a solution with superior lighting specifications combined with a best-in-class connectivity designed for Circularity & enhanced Wellbeing using Interact Pro - all with a sustainable approach to high-performance office lighting.

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

Datasheet, 2023, December 5 data subject to change

PowerBalance RC360B

Product data

General Information		Number of product
Lamp family code	LED34S [LED module, system flux 3400 lm]	В
Cap-Base	- [-]	
Light source replaceable	No	Temperature
Number of gear units	1 unit	Ambient temperatu
Gear	-	
Driver included	Yes	Controls and Din
Remarks	*-Per Lighting Europe guidance paper	Dimmable
	"Evaluating performance of LED based	Driver/power unit/
	luminaires - January 2018": statistically there	Constant light outp
	is no relevant difference in lumen	
	maintenance between B50 and for example	Mechanical and
	B10. Therefore, the median useful life (B50)	Housing Material
	value also represents the B10 value.	Reflector material
Service tag	Yes	Optic material
Product family code	RC362B [PowerBalance recessed]	Optical cover mate
Lighting Technology	LED	Fixation material
Value ladder	Performance	Housing Color
Embedded control	-	Optical cover finish
CE mark	Yes	Overall length
Warranty period	5 years	Overall width
Flammability mark	For mounting on normally flammable	Overall height
	surfaces	Dimensions (Height
ENEC mark	ENEC plus mark	
Glow-wire test	Temperature 850 °C, duration 5 s	Approval and Ap
EU RoHS compliant	Yes	Ingress protection
		Mech. impact prote
Light Technical		Protection class IEG
Luminous Flux	3,400 lm	
Correlated Color Temperature (Nom)	4000 K	Initial Performar
Luminous Efficacy (rated) (Nom)	124 lm/W	Luminous flux toler
Color rendering index (CRI)	≥80	Initial chromaticity
Number of light sources	1	Power consumption
Light source color	840 neutral white	
Optic type	-	Over Time Perfo
Optical cover type	Polycarbonate bowl/cover	Control gear failure
Luminaire light beam spread	86°	life 50000 h
Unified glare rating CEN	19	Lumen maintenanc
		life* 50000 h
Operating and Electrical		
Input Voltage	220-240 V	Application Con
Line Frequency	50 to 60 Hz	Performance ambie
Inrush current	21 A	Suitable for randon
Inrush time	0.255 ms	
Power Consumption	27 W	Product Data
Power Factor (Fraction)	0.9	Order product nam
Connection	Push-in connector and pull relief	Full product name
Cable		Full product code
		Order code

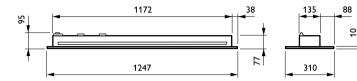
Number of products on MCB of 16 A type	20
В	
Temperature	
Ambient temperature range	+10 to +40 °C
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Constant light output	No
Mechanical and Housing	
Housing Material	Steel
Reflector material	Polycarbonate
Optic material	-
Optical cover material	Polycarbonate
Fixation material	-
Housing Color	White RAL 9003
Optical cover finish	Matte
Overall length	1,247 mm
Overall width	310 mm
Overall height	95 mm
Dimensions (Height x Width x Depth)	95 x 310 x 1247 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	
Control gear failure rate at median useful	5 %
life 50000 h	100
Lumen maintenance at median useful	L90
life* 50000 h	
Application Conditions	
Performance ambient temperature Tq	25 ℃
	No No
Suitable for random switching	NO .
Product Data	
Order product name	RC362B LED34S/840 PSU W31L125 VPC PIP
Full product name	RC362B LED34S/840 PSU W31L125 VPC PIP
Full product code	871869686922200
Order code	910502035603
Material Nr. (12NC)	910502035603
Material III. (1211C)	510302033003

PowerBalance RC360B

Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696869222
Numerator - Packs per outer box	1

EAN/UPC - Case	8718696869222

Dimensional drawing





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