



PowerBalance RC360B

RC362B LED34S/830 PSU W62L62 VPC PIP

PowerBalance recessed, LED module, system flux 3400 lm, 830 warm 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 produ
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 tempera
Gear		
Driver included	Yes	Controls and D
Remarks	*-Per Lighting Europe guidance paper	Dimmable
	"Evaluating performance of LED based	Driver/power un
	luminaires - January 2018": statistically there	Constant light ou
	is no relevant difference in lumen	
	maintenance between B50 and for example	Mechanical an
	B10. Therefore, the median useful life (B50)	Housing Materia
	value also represents the B10 value.	Reflector materia
Service tag	Yes	Optic material
Product family code	RC362B [PowerBalance recessed]	Optical cover ma
Lighting Technology	LED	Fixation materia
Value ladder	Performance	Housing Color
Embedded control		Optical cover fini
CE mark	Yes	Overall length
Warranty period	5 years	Overall width
Flammability mark	For mounting on normally flammable	Overall height
	surfaces	Dimensions (Hei
ENEC mark	ENEC plus mark	
Glow-wire test	Temperature 850 °C, duration 5 s	Approval and
EU RoHS compliant	Yes	Ingress protection
		Mech. impact pro
Light Technical		Protection class
Luminous Flux	3,400 lm	
Correlated Color Temperature (Nom)	3000 K	Initial Perform
Luminous Efficacy (rated) (Nom)	117 lm/W	Luminous flux to
Color rendering index (CRI)	≥80	Initial chromatici
Number of light sources	1	Power consumpt
Light source color	830 warm white	
Optic type	-	Over Time Per
Optical cover type	Polycarbonate bowl/cover	Control gear fail
Luminaire light beam spread	86°	life 50000 h
Unified glare rating CEN	19	Lumen maintena
		life* 50000 h
Operating and Electrical		
Input Voltage	220-240 V	Application Co
Line Frequency	50 to 60 Hz	Performance am
Inrush current	21 A	Suitable for rand
Inrush time	0.255 ms	
Power Consumption	28.5 W	Product Data
Power Factor (Fraction)	0.9	Order product na
Connection	Push-in connector and pull relief	Full product nam
Cable	<u> </u>	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	622 mm
Overall width	622 mm
Overall height	86 mm
Dimensions (Height x Width x Depth)	86 x 622 x 622 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 Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.43, 0.40) SDCM <3
Power consumption tolerance	+/-10%
Over Time Performance (IEC Compl	iant)
Control gear failure rate at median useful	5 %
life 50000 h	
Lumen maintenance at median useful	L90
life* 50000 h	
Application Conditions	
Performance ambient temperature Tq	25 ℃
Suitable for random switching	No
Product Data	
Order product name	RC362B LED34S/830 PSU W62L62 VPC PIP
Full product name	RC362B LED34S/830 PSU W62L62 VPC PIP
Full product code	871869686919200
Order code	910502035303
Manager (40NG)	010503035303

910502035303

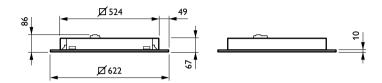
Material Nr. (12NC)

PowerBalance RC360B

Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696869192
Numerator - Packs per outer box	1

EAN/UPC - Case	8718696869192
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Dimensional drawing





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