



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 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	LED246 II ED modulo, quetam fluir 2400 limit	Number o
Lamp family code	LED34S [LED module, system flux 3400 lm]	В
Cap-Base	- [-]	Tompor
Light source replaceable	No 1. unit	Temper
Number of gear units Gear	1 unit	Ambient
Driver included	Yes	Controls
Remarks	*-Per Lighting Europe guidance paper	Dimmable
Remarks	"Evaluating performance of LED based	Driver/po
	luminaires - January 2018": statistically there	Control in
	is no relevant difference in lumen	Constant
	maintenance between B50 and for example	Constant
	B10. Therefore, the median useful life (B50)	Mechan
	value also represents the B10 value.	
Service tag	Yes	Housing
Product family code	RC360B [PowerBalance recessed]	Reflector
Lighting Technology	LED	Optic ma
Value ladder	Performance	Optical c
Embedded control	renomance	Fixation
CE mark	Yes	Housing
	5 years	Optical c
Warranty period		Overall le
Flammability mark	For mounting on normally flammable	Overall w
ENEC mode	surfaces	Overall h
ENEC mark	ENEC plus mark	Dimensio
Glow-wire test	Temperature 850 °C, duration 5 s	
EU RoHS compliant	Yes	Approva
1 to be # - ab at - 1		Ingress p
Light Technical		Mech. im
Luminous Flux	3,400 lm	Protectio
Correlated Color Temperature (Nom)	4000 K	
Luminous Efficacy (rated) (Nom)	124 lm/W	Initial P
Color rendering index (CRI)	≥80	Luminous
Number of light sources		Initial ch
Light source color	840 neutral white	Power co
Optic type		
Optical cover type	Polycarbonate bowl/cover	Over Ti
Luminaire light beam spread	86°	Control g
Unified glare rating CEN	19	life 5000
		Lumen m
Operating and Electrical		50000 h
Input Voltage	220-240 V	
Line Frequency	50 to 60 Hz	Applica
Inrush current	21 A	Performa
Inrush time	0.255 ms	Maximun
Power Consumption	27 W	Suitable
Power Factor (Fraction)	0.9	
Connection	Push-in connector and pull relief	Product
Cable	-	Order pro

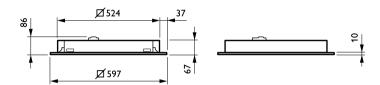
Number of products on MCB of 16 A type	20
В	
Temperature	
Ambient temperature range	+10 to +40 °C
Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
Constant light output	No
Mechanical and Housing	
Housing Material	Steel
Reflector material	Polycarbonate
Optic material	-
Optical cover material	Polycarbonate
Fixation material	Totycarbonate
	White RAL 9003
Housing Color Optical cover finish	Matte
<u>'</u>	
Overall length	597 mm
Overall width	597 mm
Overall height	86 mm
Dimensions (Height x Width x Depth)	86 x 597 x 597 mm
Assessed and Asselfantian	
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	(0.38, 0.38) SDCM <3
Power consumption tolerance	+/-10%
Over Time Performance (IEC Compli	ant)
Control gear failure rate at median useful	5 %
life 50000 h	
Lumen maintenance at median useful life*	L90
50000 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
	PIP

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Full product name	RC360B G2 LED34S/840 PSD W60L60 VPC	
	PIP	
Full product code	871794311296800	
Order code	910502030103	
Material Nr. (12NC)	910502030103	
Numerator - Quantity Per Pack	1	

EAN/UPC - Product/Case	8717943112968
Numerator - Packs per outer box	1
EAN/UPC - Case	8717943112968

Dimensional drawing





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