



PowerBalance RC360B

RC360B G2 LED34S/840 POE W60L60 VPC WH

PowerBalance RC360B, 26 W, 3400 lm, 4000 K, Power over Ethernet

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

Product data

Datasheet, 2023, December 5 data subject to change

PowerBalance RC360B

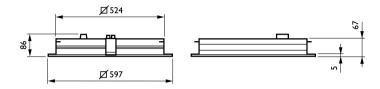
Consul Informati		Controls and Discosing	
General Information		Controls and Dimming	
Lamp family code	LED34S [LED module, system flux 3400 lm]	Dimmable	Yes
Cap-Base	-[-]	Driver/power unit/transformer	Luminaire controller with power over
Light source replaceable	No	Control interfere	Ethernet
Number of gear units	1 unit	Control interface	Power over Ethernet
Gear	<u>-</u>	Constant light output	No
Driver included	Yes		
Remarks	*-Per Lighting Europe guidance paper	Mechanical and Housing	
	"Evaluating performance of LED based	Housing Material	Steel
	luminaires - January 2018": statistically there	Reflector material	Polycarbonate
	is no relevant difference in lumen	Optic material	-
	maintenance between B50 and for example	Optical cover material	Polycarbonate
	B10. Therefore, the median useful life (B50)	Fixation material	-
	value also represents the B10 value.	Housing Color	White RAL 9003
Service tag	Yes	Optical cover finish	Matte
Product family code	RC360B [PowerBalance recessed]	Overall length	597 mm
Lighting Technology	LED	Overall width	597 mm
Value ladder	Performance	Overall height	86 mm
Embedded control		Dimensions (Height x Width x Depth)	86 x 597 x 597 mm
CE mark	Yes		
Warranty period	5 years	Approval and Application	
Flammability mark	For mounting on normally flammable	Ingress protection code	IP20 [Finger-protected]
	surfaces	Mech. impact protection code	IKO2 [0.2 J standard]
ENEC mark	ENEC plus mark	Protection class IEC	Safety class III
Glow-wire test	Temperature 850 °C, duration 5 s		
EU RoHS compliant	Yes	Initial Performance (IEC Compliant)
		Luminous flux tolerance	+/-10%
Light Technical		Initial chromaticity	(0.38, 0.38) SDCM <3
Luminous Flux	3,400 lm	Power consumption tolerance	+/-10%
Correlated Color Temperature (Nom)	4000 K		
Luminous Efficacy (rated) (Nom)	128 lm/W	Over Time Performance (IEC Compliant)	
Color rendering index (CRI)	≥80	Control gear failure rate at median useful 5 %	
Number of light sources	1	life 50000 h	
Light source color	840 neutral white	Lumen maintenance at median useful	L90
Optic type	-	life* 50000 h	
Luminaire light beam spread	86°		
Unified glare rating CEN	19	Application Conditions	
		Performance ambient temperature Tq	25 ℃
Operating and Electrical		Maximum dim level	1%
Input Voltage	51 to 54 V	Suitable for random switching	No
Line Frequency	- Hz		
Inrush current	5 A	Product Data	
Inrush time	1 ms	Order product name	RC360B G2 LED34S/840 POE W60L60 VP
Power Consumption	26 W		WH
Connection	RJ45 connector, male	Full product name	RC360B G2 LED34S/840 POE W60L60 VP
Cable	-		WH
Number of products on MCB of 16 A type	20	Full product code	871869906521800
В		Order code	910502054303
		Material Nr. (12NC)	910502054303
Temperature		Numerator - Quantity Per Pack	1
-			
Ambient temperature range	+10 to +40 °C	EAN/UPC - Product/Case	8718699065218

PowerBalance RC360B

EAN/UPC - Case

8718699065218

Dimensional drawing





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