



PowerBalance RC360B

RC360B LED34S/840 PSD W60L60 VPC ACL W

PowerBalance recessed, LED module, system flux 3400 lm, 840 neutral white, Power supply unit with DALI interface, ActiLume, Plug-in connector 3-pole Wieland/Adels compatible

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

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Product data

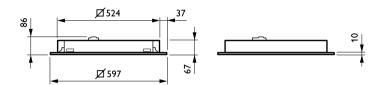
General Information		Number of products on MCB of 16 A type	20
Lamp family code	LED34S [LED module, system flux 3400 lm]	B	20
Cap-Base	- [-]		
Light source replaceable	No	Temperature	
Number of gear units	1 unit	Ambient temperature range	+10 to +40 °C
Gear			
Driver included	Yes	Controls and Dimming	
Remarks	*-Per Lighting Europe guidance paper	Dimmable	Yes
	"Evaluating performance of LED based	Driver/power unit/transformer	Power supply unit with DALI interface
	luminaires - January 2018": statistically there	Control interface	DALI
	is no relevant difference in lumen	Constant light output	No
	maintenance between B50 and for example		
	B10. Therefore, the median useful life (B50)	Mechanical and Housing	
	value also represents the B10 value.	Housing Material	Steel
Service tag	Yes	Reflector material	Polycarbonate
Product family code	RC360B [PowerBalance recessed]	Optic material	-
Lighting Technology	LED	Optical cover material	Polycarbonate
Value ladder	Performance	Fixation material	-
Embedded control	ActiLume	Housing Color	White RAL 9003
CE mark	Yes	Optical cover finish	Matte
Warranty period	5 years	Overall length	597 mm
Flammability mark	For mounting on normally flammable	Overall width	597 mm
	surfaces	Overall height	86 mm
ENEC mark	ENEC plus mark	Dimensions (Height x Width x Depth)	86 x 597 x 597 mm
Glow-wire test	Temperature 850 °C, duration 5 s		
EU RoHS compliant	Yes	Approval and Application	
		Ingress protection code	IP20 [Finger-protected]
Light Technical		Mech. impact protection code	IKO2 [0.2 J standard]
Luminous Flux	3,400 lm	Protection class IEC	Safety class I
Correlated Color Temperature (Nom)	4000 K		
Luminous Efficacy (rated) (Nom)	119 lm/W	Initial Performance (IEC Compliant)	
Color rendering index (CRI)	≥80	Luminous flux tolerance	+/-10%
Number of light sources	1	Initial chromaticity	(0.38, 0.38) SDCM <3
Light source color	840 neutral white	Power consumption tolerance	+/-10%
Optic type			
Optical cover type	Polycarbonate bowl/cover	Over Time Performance (IEC Compl	iant)
Luminaire light beam spread	86°	Control gear failure rate at median useful	5 %
Unified glare rating CEN	19	life 50000 h	
		Lumen maintenance at median useful life	* L90
Operating and Electrical		50000 h	
Input Voltage	220-240 V		
Line Frequency	50 to 60 Hz	Application Conditions	
Inrush current	21 A	Performance ambient temperature Tq	25 ℃
Inrush time	0.255 ms	Maximum dim level	1%
Power Consumption	28 W	Suitable for random switching	Yes
Power Factor (Fraction)	0.9		
Connection	Plug-in connector 3-pole Wieland/Adels	Product Data	
	compatible	Order product name	RC360B LED34S/840 PSD W60L60 VPC
Cable	-		ACL W

PowerBalance RC360B

Full product name	RC360B LED34S/840 PSD W60L60 VPC	
	ACL W	
Full product code	871794311299900	
Order code	910502030403	
Material Nr. (12NC)	910502030403	
Numerator - Quantity Per Pack	1	

EAN/UPC - Product/Case	8717943112999
Numerator - Packs per outer box	1
EAN/UPC - Case	8717943112999

Dimensional drawing





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