



PowerBalance RC360B

RC360B LED34S/830 PSD W30L120 VPC W

PowerBalance recessed, LED module, system flux 3400 lm, 830 warm white, Power supply unit with DALI interface, 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 energy-efficient, office-compliant LED luminaire. Designed for circularity and enhanced wellbeing, this office luminaire also promises future-proof connectivity. State-of-the-art efficacy (at CRI >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 bandraaster-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

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Product data

General Information	
Lamp family code	LED34S [LED module, system flux 3400 lm]
Cap-Base	- [-]
Light source replaceable	No
Number of gear units	1 unit
Gear	-
Driver included	Yes
Remarks	*-Per Lighting Europe guidance paper “Evaluating performance of LED based luminaires - January 2018”: statistically there is no relevant difference in lumen maintenance between B50 and for example B10. Therefore, the median useful life (B50) value also represents the B10 value.
Service tag	Yes
Product family code	RC360B [PowerBalance recessed]
Lighting Technology	LED
Value ladder	Performance
Embedded control	-
CE mark	Yes
Warranty period	5 years
Flammability mark	For mounting on normally flammable surfaces
ENEC mark	ENEC plus mark
Glow-wire test	Temperature 850 °C, duration 5 s
EU RoHS compliant	Yes
Light Technical	
Luminous Flux	3,400 lm
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	117 lm/W
Color rendering index (CRI)	≥80
Number of light sources	1
Light source color	830 warm white
Optic type	-
Optical cover type	Polycarbonate bowl/cover
Luminaire light beam spread	86°
Unified glare rating CEN	19
Operating and Electrical	
Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Inrush current	21 A
Inrush time	0.255 ms
Power Consumption	29 W
Power Factor (Fraction)	0.9
Connection	Plug-in connector 3-pole Wieland/Adels compatible
Cable	-

Number of products on MCB of 16 A type B		20
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		-
Housing Color		White RAL 9003
Optical cover finish		Matte
Overall length		1,197 mm
Overall width		297 mm
Overall height		95 mm
Dimensions (Height x Width x Depth)		95 x 297 x 1197 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 Compliant)		
Control gear failure rate at median useful life 50000 h		5 %
Lumen maintenance at median useful life* 50000 h		L90
Application Conditions		
Performance ambient temperature Tq		25 °C
Maximum dim level		1%
Suitable for random switching		No
Product Data		
Order product name		RC360B LED34S/830 PSD W30L120 VPC W
Full product name		RC360B LED34S/830 PSD W30L120 VPC W
Full product code		871869686914700

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Order code	910502034803
Material Nr. (12NC)	910502034803
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696869147

Numerator - Packs per outer box	1
EAN/UPC - Case	8718696869147

Dimensional drawing

