

PowerBalance RC360B

RC360B LED34S/840 PSD W30L120 VPC W AIR

PowerBalance recessed, LED module, system flux 3400 lm, 840 neutral 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 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 products on MCB of 16 A type	20
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 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 u
	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	-	Housing Color	White
CE mark	Yes	Optical cover finish	Matte
Warranty period	5 years	Overall length	1,197 mm
Flammability mark	For mounting on normally flammable	Overall width	297 mm
	surfaces	Overall height	95 mm
ENEC mark	ENEC plus mark	Dimensions (Height x Width x Depth)	95 x 297 x 1197 ı
Glow-wire test	Temperature 850 °C, duration 5 s		
EU RoHS compliant	Yes	Approval and Application	
		Ingress protection code	IP20 [Finger-pro
Light Technical		Mech. impact protection code	IK02 [0.2 J stand
Luminous Flux	3,400 lm	Protection class IEC	Safety class I
Correlated Color Temperature (Nom)	4000 K		
Luminous Efficacy (rated) (Nom)	124 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) SDC
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	
Unified glare rating CEN	19	life 50000 h	5 %
		Lumen maintenance at median useful	L90
Operating and Electrical		life* 50000 h	
Input Voltage	220-240 V		
Line Frequency	50 to 60 Hz	Application Conditions	
Inrush current	21 A	Performance ambient temperature Tq	25 °C
Inrush time	0.255 ms	Maximum dim level	1%
Power Consumption	27.5 W	Suitable for random switching	No
Power Factor (Fraction)	0.9	Saltable for falldom Switching	110
Connection	Plug-in connector 3-pole Wieland/Adels	Product Data	
	compatible	Order product name	RC360B LED34
	* *** * * * * * * * * * * * * * * * *	Order product name	11C3000 LED343

7 innoverse temperature runge	
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
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	IKO2 [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	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 °C
Maximum dim level	1%
Suitable for random switching	No
Product Data	
Order product name	RC360B LED34S/840 PSD W30L120 VPC W
	AIR

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Full product name	RC360B LED34S/840 PSD W30L120 VPC W	
	AIR	
Full product code	871869687078500	
Order code	910502041003	
Material Nr. (12NC)	910502041003	
Numerator - Quantity Per Pack	1	

EAN/UPC - Product/Case	8718696870785
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696870785



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