

PowerBalance RC360B

RC360B LED34S/840 PSU W30L120 VPC PIP

PowerBalance recessed, LED module, system flux 3400 lm, 840 neutral white, Power supply unit (On/Off), 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		Number of
Lamp family code	LED34S [LED module, system flux 3400 lm]	В
Cap-Base	- [-]	
Light source replaceable	No	Temperat
Number of gear units	1 unit	Ambient te
Gear	-	
Driver included	Yes	Controls a
Remarks	*-Per Lighting Europe guidance paper	Dimmable
	"Evaluating performance of LED based	Driver/pow
	luminaires - January 2018": statistically there	Constant lig
	is no relevant difference in lumen	
	maintenance between B50 and for example	Mechanic
	B10. Therefore, the median useful life (B50)	Housing Ma
	value also represents the B10 value.	Reflector m
Service tag	Yes	Optic mate
Product family code	RC360B [PowerBalance recessed]	Optical cov
Lighting Technology	LED	Fixation ma
Value ladder	Performance	Housing Co
Embedded control		Optical cov
CE mark	Yes	Overall leng
Warranty period	5 years	Overall wid
Flammability mark	For mounting on normally flammable	Overall heig
	surfaces	Dimensions
ENEC mark	ENEC plus mark	
Glow-wire test	Temperature 850 °C, duration 5 s	Approval
EU RoHS compliant	Yes	Ingress pro
		Mech. impa
Light Technical		Protection
Luminous Flux	3,400 lm	
Correlated Color Temperature (Nom)	4000 K	Initial Per
Luminous Efficacy (rated) (Nom)	124 lm/W	Luminous fl
Color rendering index (CRI)	≥80	Initial chror
Number of light sources	1	Power cons
Light source color	840 neutral white	
Optic type	-	Over Time
Optical cover type	Polycarbonate bowl/cover	Control gea
Luminaire light beam spread	86°	life 50000
Unified glare rating CEN	19	Lumen maii
		life* 50000
Operating and Electrical		
Input Voltage	220-240 V	Application
Line Frequency	50 to 60 Hz	Performano
Inrush current	21 A	Suitable for
Inrush time	0.255 ms	Juitable 101
Power Consumption	27.5 W	Product D
Power Factor (Fraction)	0.9	
Connection	Push-in connector and pull relief	Order produ
Cable	- don-in connector and putt retter	Full product
Cante		Full produc

Number of products on MCB of 16 A type	20
В	
Temperature	
Ambient temperature range	+10 to +40 °C
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
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	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 Compl	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 ℃
Suitable for random switching	No
Duradicat Data	
Product Data	D00000 ED046 (040
Order product name	RC360B LED34S/840 PSU W30L120 VPC PIP
Full product name	RC360B LED34S/840 PSU W30L120 VPC PIP
Full product code	871869687083900
Order code	910502041503
Madawial No. (12NC)	010503041503

910502041503

Material Nr. (12NC)

PowerBalance RC360B

Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696870839
Numerator - Packs per outer box	1

EAN/UPC - Case 8718696870839



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