



PowerBalance RC360B

RC362B LED28S/830 PSU W62L62 VPC PIP

PowerBalance recessed, LED module, system flux 2800 lm, 830 warm 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 products on MCI
Lamp family code	LED28S [LED module, system flux 2800 lm]	В
Cap-Base	- [-]	
Light source replaceable	No	Temperature
Number of gear units	1 unit	Ambient temperature range
Gear		
Driver included	Yes	Controls and Dimming
Remarks	*-Per Lighting Europe guidance paper	Dimmable
	"Evaluating performance of LED based	Driver/power unit/transform
	luminaires - January 2018": statistically there	Constant light output
	is no relevant difference in lumen	
	maintenance between B50 and for example	Mechanical and Housing
	B10. Therefore, the median useful life (B50)	Housing Material
	value also represents the B10 value.	Reflector material
Service tag	Yes	Optic material
Product family code	RC362B [PowerBalance recessed]	Optical cover material
Lighting Technology	LED	Fixation material
Value ladder	Performance	Housing Color
Embedded control		Optical cover finish
CE mark	Yes	Overall length
Warranty period	5 years	Overall width
Flammability mark	For mounting on normally flammable	Overall height
	surfaces	Dimensions (Height x Width
ENEC mark	ENEC plus mark	
Glow-wire test	Temperature 850 °C, duration 5 s	Approval and Application
EU RoHS compliant	Yes	Ingress protection code
		Mech. impact protection co
Light Technical		Protection class IEC
Luminous Flux	2,800 lm	
Correlated Color Temperature (Nom)	3000 K	Initial Performance (IEC
Luminous Efficacy (rated) (Nom)	126 lm/W	Luminous flux tolerance
Color rendering index (CRI)	≥80	Initial chromaticity
Number of light sources	1	Power consumption toleran
Light source color	830 warm white	
Optic type	-	Over Time Performance
Optical cover type	Polycarbonate bowl/cover	Control gear failure rate at
Luminaire light beam spread	86°	life 50000 h
Unified glare rating CEN	19	Lumen maintenance at med
		life* 50000 h
Operating and Electrical		
Input Voltage	220-240 V	Application Conditions
Line Frequency	50 to 60 Hz	Performance ambient temp
Inrush current	21 A	Suitable for random switchi
Inrush time	0.255 ms	
Power Consumption	23.5 W	Product Data
Power Factor (Fraction)	0.9	Order product name
Connection	Push-in connector and pull relief	Full product name
Cable	-	Full product code
		. all product code

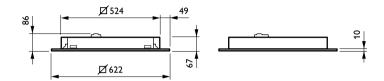
Number of products on MCB of 16 A type	20
В	
Temperature	
Ambient temperature range	+10 to +40 °C
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Constant light output	No
Mechanical and Housing	
Housing Material	Steel
Reflector material	Polycarbonate
Optic material	-
Optical cover material	Polycarbonate
Fixation material	-
Housing Color	White
Optical cover finish	Matte
Overall length	622 mm
Overall width	622 mm
Overall height	86 mm
Dimensions (Height x Width x Depth)	86 x 622 x 622 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)	4.400
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.43, 0.40) SDCM <3
Power consumption tolerance	+/-10%
Over Time Devicements (IEC Compli	innt)
Over Time Performance (IEC Complication Control gear failure rate at median useful	
life 50000 h	5 %
Lumen maintenance at median useful	L90
life* 50000 h	250
Application Conditions	
Performance ambient temperature Tq	25 ℃
Suitable for random switching	No
	-
Product Data	
Order product name	RC362B LED28S/830 PSU W62L62 VPC PIP
Full product name	RC362B LED28S/830 PSU W62L62 VPC PIP
Full product code	871869686933800
Order code	910502036403
Material Nr. (12NC)	910502036403

PowerBalance RC360B

Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696869338
Numerator - Packs per outer box	1

EAN/UPC - Case	8718696869338
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Dimensional drawing





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