



# PowerBalance RC360B

## RC362B LED28S/840 PSU W62L62 CPC PIP

PowerBalance recessed, LED module, system flux 2800 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 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

## PowerBalance RC360B

## Product data

General Information	
Lamp family code	LED28S [LED module, system flux 2800 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	RC362B [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

<b>Luminous Flux</b>	2,800 lm
<b>Correlated Color Temperature (Nom)</b>	4000 K
<b>Luminous Efficacy (rated) (Nom)</b>	126 lm/W
<b>Color rendering index (CRI)</b>	≥80
<b>Number of light sources</b>	1
<b>Light source color</b>	840 neutral white
<b>Optic type</b>	-
<b>Optical cover type</b>	Polycarbonate bowl/cover
<b>Luminaire light beam spread</b>	86°
<b>Unified glare rating CEN</b>	19

## Operating and Electrical

<b>Input Voltage</b>	220–240 V
<b>Line Frequency</b>	50 to 60 Hz
<b>Inrush current</b>	21 A
<b>Inrush time</b>	0.255 ms
<b>Power Consumption</b>	22.2 W
<b>Power Factor (Fraction)</b>	0.9
<b>Connection</b>	Push-in connector and pull relief
<b>Cable</b>	-

Number of products on MCB of 16 A type 20

**B**

## Temperature

Ambient temperature range	+10 to +40 °C
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## Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Constant light output	No

## Mechanical and Housing

<b>Housing Material</b>	Steel
<b>Reflector material</b>	Polycarbonate
<b>Optic material</b>	-
<b>Optical cover material</b>	Polycarbonate
<b>Fixation material</b>	-
<b>Housing Color</b>	White
<b>Optical cover finish</b>	Matte
<b>Overall length</b>	622 mm
<b>Overall width</b>	622 mm
<b>Overall height</b>	86 mm
<b>Dimensions (Height x Width x Depth)</b>	86 x 622 x 622 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 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
Suitable for random switching	No

## Product Data

Order product name	RC362B LED28S/840 PSU W62L62 CPC PIP
Full product name	RC362B LED28S/840 PSU W62L62 CPC PIP
Full product code	871869686968000
Order code	910502037403
Material Nr. (12NC)	910502037403

PowerBalance RC360B

Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696869680
Numerator - Packs per outer box	1

EAN/UPC - Case	8718696869680
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