



PowerBalance RC360B

RC360B LED20S/830 PSU W30L60 CW3

PowerBalance recessed, LED Module, system flux 2000 lm, 830 warm white, Power supply unit (On/Off), Cord with plug Wieland/Adels compatible 3-pole

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	
Lamp family code	LED20S [LED Module, system flux 2000 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	2,000 lm
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	104 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	17.4 W
	0.9
Power Factor (Fraction)	
Power Factor (Fraction) Connection	Plug-in connector 2-pole Wieland/Adels
· , ,	Plug-in connector 2-pole Wieland/Adels compatible
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Number of products on MCB of 16 A type B 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 RAL 9003 Optical cover finish Matte Overall length 597 mm Overall width 297 mm Overall height 91 mm Dimensions (Height x Width x Depth) 91 x 297 x 597 mm Approval and Application Ingress protection code IP20 [Finger-protected] Mech. impact protection code IR02 (0.2 J standard) Protection class IEC Safety class I Initial Performance (IEC Compliant) Luminous flux tolerance +/-10% Over Time Performance (IEC Compliant) Control gear failure rate at median useful 5% Life 50000 h Application Conditions Performance ambient temperature Tq 25 °C Suitable for random switching No	Temperature Ambient temperature range +10 to +4 Controls and Dimming Dimmable No Driver/power unit/transformer Power surface and Housing Housing Material Steel Reflector material Polycarb Optical cover material Polycarb Fixation material - Optical cover finish Matte Overall length 597 mm Overall width 297 mm Overall height Width x Depth) 91 x 297 x Approval and Application Ingress protection code IP20 [Finith of the composition of t	
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Full product code 871869687507000	Full product code 87186968	37507000
Order code 910502047103	Order code 9105020	47103
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PowerBalance RC360B

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Dimensional drawing





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