



# PowerBalance RC360B

## RC360B LED34S/840 PSD W30L120 VPC ACL W

PowerBalance recessed, LED module, system flux 3400 lm, 840 neutral white, Power supply unit with DALI interface, ActiLume, 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 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

<b>General Information</b>		<b>Number of products on MCB of 16 A type B 20</b>	
Lamp family code	LED34S [LED module, system flux 3400 lm]	<b>Temperature</b>	
Cap-Base	- [-]	<b>Ambient temperature range</b>	
Light source replaceable	No	+10 to +40 °C	
Number of gear units	1 unit	<b>Controls and Dimming</b>	
Gear	-	<b>Dimmable</b>	
Driver included	Yes	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.	<b>Driver/power unit/transformer</b>	
Service tag	Yes	Power supply unit with DALI interface	
Product family code	RC360B [PowerBalance recessed]	<b>Control interface</b>	
Lighting Technology	LED	DALI	
Value ladder	Performance	<b>Constant light output</b>	
Embedded control	ActiLume	No	
CE mark	Yes	<b>Mechanical and Housing</b>	
Warranty period	5 years	<b>Housing Material</b>	
Flammability mark	For mounting on normally flammable surfaces	Steel	
ENEC mark	ENEC plus mark	<b>Reflector material</b>	
Glow-wire test	Temperature 850 °C, duration 5 s	Polycarbonate	
EU RoHS compliant	Yes	<b>Optic material</b>	
<b>Light Technical</b>		-	
Luminous Flux	3,400 lm	<b>Optical cover material</b>	
Correlated Color Temperature (Nom)	4000 K	Polycarbonate	
Luminous Efficacy (rated) (Nom)	119 lm/W	<b>Fixation material</b>	
Color rendering index (CRI)	≥80	-	
Number of light sources	1	<b>Housing Color</b>	
Light source color	840 neutral white	White	
Optic type	-	<b>Optical cover finish</b>	
Optical cover type	Polycarbonate bowl/cover	Matte	
Luminaire light beam spread	86°	<b>Overall length</b>	
Unified glare rating CEN	19	1,197 mm	
<b>Operating and Electrical</b>		<b>Overall width</b>	
Input Voltage	220-240 V	297 mm	
Line Frequency	50 to 60 Hz	<b>Overall height</b>	
Inrush current	21 A	95 mm	
Inrush time	0.255 ms	<b>Dimensions (Height x Width x Depth)</b>	
Power Consumption	28.5 W	95 x 297 x 1197 mm	
Power Factor (Fraction)	0.9	<b>Approval and Application</b>	
Connection	Plug-in connector 3-pole Wieland/Adels compatible	<b>Ingress protection code</b>	
Cable	-	IP20 [Finger-protected]	
		<b>Mech. impact protection code</b>	
		IK02 [0.2 J standard]	
		<b>Protection class IEC</b>	
		Safety class I	
		<b>Initial Performance (IEC Compliant)</b>	
		<b>Luminous flux tolerance</b>	
		+/-10%	
		<b>Initial chromaticity</b>	
		(0.38, 0.38) SDCM <3	
		<b>Power consumption tolerance</b>	
		+/-10%	
		<b>Over Time Performance (IEC Compliant)</b>	
		<b>Control gear failure rate at median useful life 50000 h</b>	
		5 %	
		<b>Lumen maintenance at median useful life* 50000 h</b>	
		L90	
		<b>Application Conditions</b>	
		<b>Performance ambient temperature Tq</b>	
		25 °C	
		<b>Maximum dim level</b>	
		1%	
		<b>Suitable for random switching</b>	
		Yes	
		<b>Product Data</b>	
		<b>Order product name</b>	
		RC360B LED34S/840 PSD W30L120 VPC ACL W	
		<b>Full product name</b>	
		RC360B LED34S/840 PSD W30L120 VPC ACL W	

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Full product code	871794311311800
Order code	910502031603
Material Nr. (12NC)	910502031603
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8717943113118

Numerator - Packs per outer box	1
EAN/UPC - Case	8717943113118

Dimensional drawing

