PHILIPS Lighting



PowerBalance RC360B

RC360B LED34S/840 PSD W60L60 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 an office space with LED luminaires, people are usually willing to invest in sustainability, provided the investment pays back. At the same time, the system should comply with office lighting norms in order to ensure a comfortable working environment. PowerBalance RC360 offers the ideal combination of sustainable performance and return on investment on the one hand, and compliance with relevant office norms on the other. It reduces energy costs by more than half compared to a T5 solution, and the light source also has a longer lifetime. This results in significantly lower operating costs, ensuring a payback that meets the needs of the specification market. The architecture of PowerBalance RC360 enables a range of highly versatile modular and semi-modularluminaires. These can be easily mounted in ceilings with exposed or concealed T-bars, as well as plaster ceilings and bandraster-type ceilings.

Warnings and Safety

- The product is IP40 and as such is not protected against water ingress, so we strongly recommend that the environment in which the luminaire is to be installed is suitably checked
- If the above advice is not taken and the luminaires are subject to water ingress, Philips/Signify cannot guarantee safe use and the product warranty will become void

Product data

General Information		Cap base	- [-]	
Lamp family code	LED34S [LED module, system flux 3400 lm]	Light source replaceable	No	

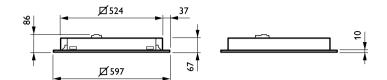
PowerBalance RC360B

Unit
-
Yes
*- According to the Lighting Europe guidance
paper 'Evaluating performance of LED based
luminaires – January 2018': statistically there
is no relevant difference in lumen
maintenance between the B50 and, for
example, the B10. Therefore, the median
useful life (B50) value also represents the
B10 value.
RC360B [PowerBalance recessed]
LED
Performance
ActiLume
Yes
5 years
For mounting on normally flammable
surfaces
ENEC plus mark
Temperature 850 °C, duration 5 s
Yes
3,400 lm
4000 K
119 lm/W
≥80
840 neutral white
-
Polycarbonate bowl/cover
86°
19
220-240 V
50 to 60 Hz
21 A
0.255 ms
28 W
0.9
Plug-in connector 3-pole Wieland/Adels
compatible
-
20
+10 to +40 °C

Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
Constant light output	No
Mechanical and Housing	
Housing material	Steel
Reflector material	Polycarbonate
Optic material	-
Optical cover/lens material	Polycarbonate
Fixation material	-
Housing Colour	White RAL 9003
Optical cover/lens finish	Matte
Overall length	597 mm
Overall width	597 mm
Overall height	86 mm
Dimensions (height x width x depth)	86 x 597 x 597 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
Initial chromaticity Power consumption tolerance	(0.38, 0.38) SDCM <3 +/-10%
	(0.38, 0.38) SDCM <3 +/-10%
Power consumption tolerance	+/-10%
Power consumption tolerance Over Time Performance (IEC Comp	+/-10%
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Dimensional drawing





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