



PowerBalance RC600B

RC600B LED30S/840 PSD W60L60 GM

-- Beam angle 100° - Opal - 120°

When it comes to lighting an office space with LED luminaires, people are willing to invest in sustainability, but only at reasonable cost. At the same time, the system should comply with office lighting norms to ensure a comfortable working environment. PowerBalance is an attractively priced LED luminaire specially developed to meet all office requirements. It consumes significantly less energy while offering longer life of the light source, resulting in lower operational cost compared to traditional luminaires.

Product data

General Information		Operating and Electrical	
Beam angle of light source	- °	Flammability mark	NO [-]
Light source colour	840 neutral white	CE mark	CE mark
Light source replaceable	No	ENEC mark	-
Number of gear units	1 unit	Warranty period	3 years
Driver/power unit/transformer	No [-]	Constant light output	No
Driver included	Yes	Number of products on MCB (16 A type B)	38
Optic type	100 [Beam angle 100°]	EU RoHS compliant	No
Optical cover/lens type	O [Opal]	Light source engine type	LED
Luminaire light beam spread	120°		
Control interface	DALI	Input Voltage	220/240 V
Connection	CI [Internal connector]	Input frequency	50 to 60 Hz
Cable	-	Inrush current	14.7 A
Protection class IEC	Safety class I (I)	Inrush time	250 ms
Glow-wire test	650/30 [Temperature 650 °C, duration 30 s]		

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Power factor (min.)	0.9
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Controls and Dimming

Dimmable	Yes
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Mechanical and Housing

Housing material	Metal
Reflector material	-
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Steel
Optical cover/lens finish	Opal
Overall length	597 mm
Overall width	597 mm
Overall height	69.7 mm
Colour	White

Approval and Application

Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK03 [0.3 J]

Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	3100 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	129.17 lm/W

Init. Corr. Colour Temperature	4000 K
Init. Colour rendering index	>80
Initial chromaticity	SDCM<4
Initial input power	24 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Median useful life L70B50	50000 h
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Application Conditions

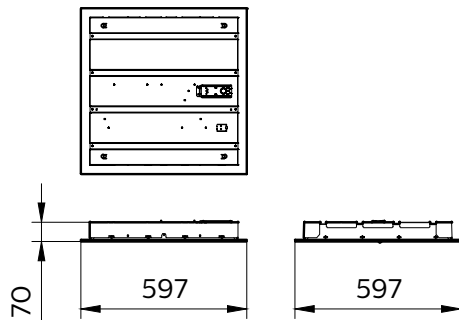
Ambient temperature range	-20 to +40 °C
Maximum dimming level	1%
Suitable for random switching	Yes

Product Data

Full product code	911401898099
Order product name	RC600B LED30S/840 PSD W60L60 GM
Order code	01898099
SAP numerator – quantity per pack	1
Numerator – packs per outer box	2
SAP material	911401898099
SAP net weight (piece)	5.299 kg



Dimensional drawing



RC600B/RC650B Power Balance G3/G4

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