



PowerBalance RC600B

RC600B LED30S/840 PSD W30L120 GM

-- Beam angle 100° - 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	- °	CE mark	CE mark
Lamp colour code	840 neutral white	ENEC mark	-
Light source replaceable	No	Warranty period	3 years
Number of gear units	1 unit	Constant light output	No
Driver/power unit/transformer	No [-]	Number of products on MCB	38
Driver included	Yes		
Optic type	100 [Beam angle 100°]	Input voltage	220/240 V
Luminaire light beam spread	120°	Input frequency	50 to 60 Hz
Control interface	DALI	Inrush current	14.7 A
Connection	CI [Internal connector]	Inrush time	250 ms
Cable	-	Power factor (min.)	0.9
Protection class IEC	Safety class I (I)		
Glow-wire test	650/30 [Temperature 650 °C, duration 30 s]		
Flammability mark	NO [-]		

PowerBalance RC600B

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	297 mm
Overall width	1197 mm
Overall height	69.7 mm
Colour	White

Approval and Application

Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]

Initial Performance (IEC Compliant)

Initial luminous flux	3100 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	129.17 lm/W
Lamp colour temperature	4000 K

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

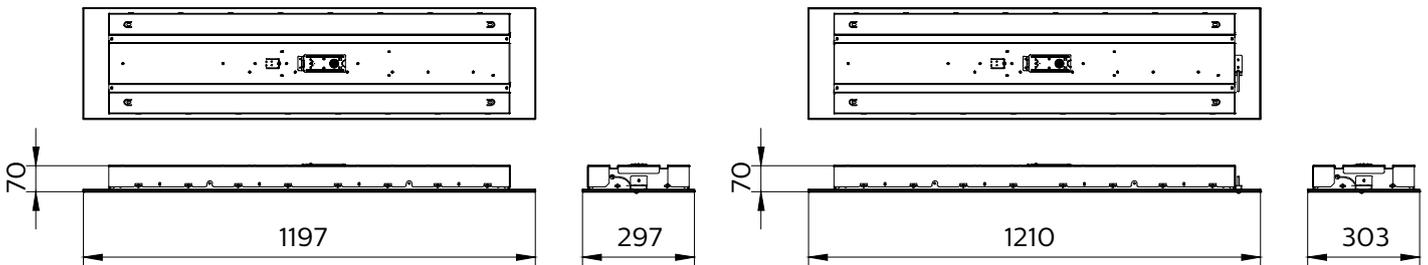
Ambient temperature range	-20 to +40 °C
Maximum dimming level	1%
Suitable for random switching	Yes

Product Data

Full product code	911401897699
Order product name	RC600B LED30S/840 PSD W30L120 GM
Order code	911401897699
Numerator – quantity per pack	1
Numerator – packs per outer box	2
Material no. (12NC)	911401897699
Net weight (piece)	5.299 kg



Dimensional drawing



RC600B/RC650B Power Balance G3/G4

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