



# PowerBalance RC600B

## RC600B LED40S/840 PSD W30L120 GM

PowerBalance RC600B, 125 lm/W, 840 neutral white, DALI

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			
Light source replaceable	No	Correlated Color Temperature (Nom)	4000 K
Number of gear units	1 unit	Luminous Efficacy (rated) (Nom)	125 lm/W
Driver included	Yes	Color rendering index (CRI)	>80
Light source engine type	LED	Beam angle of light source	- degree(s)
Service tag	Yes	Light source color	840 neutral white
Glow-wire test	Temperature 650 °C, duration 30 s	Optic type	Beam angle 100°
Flammability mark	-	Optical cover type	Opal
CE mark	CE mark	Luminaire light beam spread	120°
ENEC mark	-	Operating and Electrical	
Warranty period	3 years	Input Voltage	220/240 V
EU RoHS compliant	No	Line Frequency	50 to 60 Hz
Light Technical		Inrush current	14.7 A
Luminous Flux	4,000 lm	Inrush time	250 ms
		Power Consumption	32 W

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Power Factor (Fraction)	0.9
Connection	Internal connector
Cable	-
Number of products on MCB of 16 A type B	38

Temperature

Ambient temperature range	-20 to +40 °C
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Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	-
Control interface	DALI
Constant light output	No

Mechanical and Housing

Housing Material	Metal
Reflector material	-
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	Steel
Housing Color	White
Optical cover finish	Opal
Overall length	297 mm
Overall width	1,197 mm
Overall height	69.7 mm
Dimensions (Height x Width x Depth)	70 x 1197 x 297 mm

Approval and Application

Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK03 [0.3 J]
Protection class IEC	Safety class I

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	SDCM<4
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Median useful life L70B50	50,000 hour(s)
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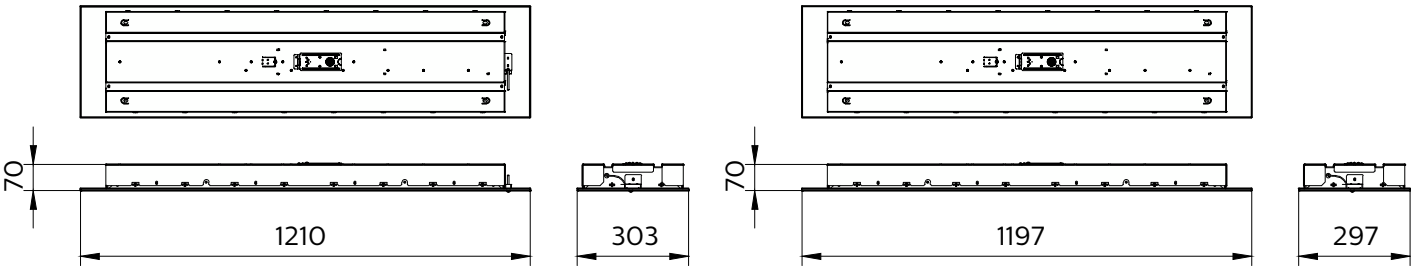
Application Conditions

Maximum dim level	1%
Suitable for random switching	Yes

Product Data

Order product name	RC600B LED40S/840 PSD W30L120 GM
Full product name	RC600B LED40S/840 PSD W30L120 GM
Full product code	911401898299
Order code	911401898299
Material Nr. (12NC)	911401898299
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2

Dimensional drawing



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