



PowerBalance RC600B

RC600B LED40S/840 PSD W60L60 GM

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	
Beam angle of light source	- °
Lamp colour code	840 neutral white
Light source replaceable	No
Number of gear units	1 unit
Driver/power unit/transformer	No [-]
Driver included	Yes
Optic type	100 [Beam angle 100°]
Luminaire light beam spread	120°
Control interface	DALI
Connection	CI [Internal connector]
Cable	-
Protection class IEC	Safety class I (I)
Glow-wire test	650/30 [Temperature 650 °C, duration 30 s]
Flammability mark	NO [-]
CE mark	CE mark
ENEC mark	-
Warranty period	3 years

Constant light output	No
Number of products on MCB	38
RoHS mark	-

Operating and Electrical

Input voltage	220/240 V
Input frequency	50 to 60 Hz
Inrush current	14.7 A
Inrush time	250 ms
Power factor (min.)	0.9

Controls and Dimming

Dimmable	Yes
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Mechanical and Housing

Housing material	Metal
Reflector material	-
Optic material	Polycarbonate

PowerBalance RC600B

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	IK02 [0.2 J standard]

Initial Performance (IEC Compliant)

Initial luminous flux	4000 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	125 lm/W
Lamp colour temperature	4000 K
Colour Rendering Index	>80
Initial chromaticity	SDCM<4
Initial input power	32 W

Power consumption tolerance	+/-10%
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Over Time Performance (IEC Compliant)

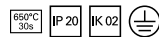
Median useful life L70B50	50000 h
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Application Conditions

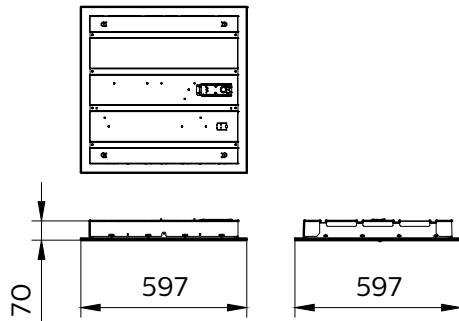
Ambient temperature range	-20 to +40 °C
Maximum dimming level	1%

Product Data

Full product code	911401899099
Order product name	RC600B LED40S/840 PSD W60L60 GM
Order code	01899099
Numerator – quantity per pack	1
Numerator – packs per outer box	2
Material no. (12NC)	911401899099
Net weight (piece)	5.299 kg



Dimensional drawing



Power Balance G3

