

PowerBalance – sustainable performance

PowerBalance RC600B

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.

Benefits

- Operational cost saving
- Energy-efficient
- Office norm-compliant

Features

- Advanced LED technology
- Smart Pyramid Optics (SPO)
- Dedicated lumen package for office application

Application

- General lighting in offices
- Circulation areas

Specifications

Type	RC600B

Ceiling type	Exposed T-bar ceiling
	Bandraster ceiling

PowerBalance RC600B

Light source	Philips Fortimo LEDline 3R
Power	LED31S: 40 W (4000 K)
	LED40S: 52 W (4000 K)
Beam angle	85º
Correlated Color Temperature	3000 or 4000 K
Color Rendering Index	80
Maintenance of lumen output - L90	30,000 hours at 25ºC
Maintenance of lumen output - L70	50,000 hours at 25ºC
Operating temperature range	+10ºC < T

Driver	Built-in
Mains voltage	230 or 240 V / 50 Hz
Dimming	Compatible with DALI controllers
Controls system input	DALI
Options	Lighting controls: Actilume (ACL)
	Airhandling
Material	Housing: zinc-coated steel
	Rim: post lacquered
	Optics: plastic
Color	White (WH)
Maintenance	Optical module sealed for life; no internal cleaning required
Installation	Exposed ceilings: in lay, no brackets needed

Versions



RC600B W30XL120



RC600B W30XL120

Product details



Power Balance G3 RC600B

PowerBalance RC600B

Application Conditions	
Suitable for random switching	Yes
Approval and Application	
Mech. impact protection code	IK03
Ingress protection code	IP20
Operating and Electrical	
Input Voltage	220/240 V
General Information	
Beam angle of light source	- °
CE mark	CE mark
Optical cover/lens type	O
Driver included	Yes
Flammability mark	NO
Glow-wire test	650/30
Light source replaceable	No
Number of gear units	1 unit
Optic type	100
Initial Performance (IEC Compliant)	
Initial chromaticity	SDCM<4
Init. Colour rendering index	>80
Luminous flux tolerance	+/-10%
Mechanical and Housing	
Colour	White

Application Conditions

Order Code	Full Product Name	Ambient temperature range	Maximum dimming level
911401514041	RC600B LED40S/840 POE W60L60 SL	0 to +40 °C	20%
911401514241	RC600B LED40S/840 POE W60L60 MA	0 to +40 °C	20%
911401514641	RC600B LED40S/840 POE W60L60 SL GM	0 to +40 °C	20%
911401514941	RC600B LED40S/840 POE W60L60 SL CAU	0 to +40 °C	20%
911401515041	RC600B LED40S/840 POE W60L60 MA CAU	0 to +40 °C	20%
911401515141	RC600B LED40S/840 POE W60L60 MA GM	0 to +40 °C	20%
911401515641	RC600B LED40S/840 POE W60L60 MA IN	0 to +40 °C	20%
911401516041	RC600B LED40S/840 POE W60L60 SL IN	0 to +40 °C	20%
911401800797	RC600B LED40S/865 PSD W60L60 CAU	-20 to +40 °C	1%
911401801097	RC600B LED40S/840 PSD ACW W60L60 CAU	0 to +40 °C	1%
911401801397	RC600B LED40S/865 PSD ACW W60L60 CAU	0 to +40 °C	1%
911401802697	RC600B LED40S/865 PSU W59L59	-20 to +40 °C	Not applicable
911401802797	RC600B LED40S/865 PSD W59L59	-20 to +40 °C	1%
911401803097	RC600B LED40S/840 PSD W59L59	-20 to +40 °C	1%
911401803497	RC600B LED40S/840 PSU W59L59	-20 to +40 °C	Not applicable
911401899999	RC600B LED30S/840 PSD W60L60 CAU	-20 to +40 °C	1%
911401800397	RC600B LED30S/840 PSD W30L120 CAU	-20 to +40 °C	1%
911401800597	RC600B LED40S/865 PSD W30L120 CAU	-20 to +40 °C	1%
911401800697	RC600B LED40S/840 PSD W30L120 CAU	-20 to +40 °C	1%
911401801297	RC600B LED40S/840 PSD ACW W30L120 CAU	0 to +40 °C	1%
911401897999	RC600B LED30S/840 PSU W30L120 GM	-20 to +40 °C	Not applicable
911401899299	RC600B LED40S/865 PSD ACW W30L120 CAU	0 to +40 °C	1%
911401899799	RC600B LED40S/840 PSD ACW W30L120 GM	0 to +40 °C	1%

Controls and Dimming

Order Code	Full Product Name	Dimmable
911401514041	RC600B LED40S/840 POE W60L60 SL	Yes
911401514241	RC600B LED40S/840 POE W60L60 MA	Yes
911401514641	RC600B LED40S/840 POE W60L60 SL GM	Yes
911401514941	RC600B LED40S/840 POE W60L60 SL CAU	Yes
911401515041	RC600B LED40S/840 POE W60L60 MA CAU	Yes
911401515141	RC600B LED40S/840 POE W60L60 MA GM	Yes
911401515641	RC600B LED40S/840 POE W60L60 MA IN	Yes
911401516041	RC600B LED40S/840 POE W60L60 SL IN	Yes
911401800797	RC600B LED40S/865 PSD W60L60 CAU	Yes
911401801097	RC600B LED40S/840 PSD ACW W60L60 CAU	Yes
911401801397	RC600B LED40S/865 PSD ACW W60L60 CAU	Yes
911401802697	RC600B LED40S/865 PSU W59L59	No

Order Code	Full Product Name	Dimmable
911401802797	RC600B LED40S/865 PSD W59L59	Yes
911401803097	RC600B LED40S/840 PSD W59L59	Yes
911401803497	RC600B LED40S/840 PSU W59L59	No
911401899999	RC600B LED30S/840 PSD W60L60 CAU	Yes
911401800397	RC600B LED30S/840 PSD W30L120 CAU	Yes
911401800597	RC600B LED40S/865 PSD W30L120 CAU	Yes
911401800697	RC600B LED40S/840 PSD W30L120 CAU	Yes
911401801297	RC600B LED40S/840 PSD ACW W30L120 CAU	Yes
911401897999	RC600B LED30S/840 PSU W30L120 GM	No
911401899299	RC600B LED40S/865 PSD ACW W30L120 CAU	Yes
911401899799	RC600B LED40S/840 PSD ACW W30L120 GM	Yes

General Information

Order Code	Full Product Name	Protection class IEC	ENEC mark
911401514041	RC600B LED40S/840 POE W60L60 SL	Safety class III (III)	-
911401514241	RC600B LED40S/840 POE W60L60 MA	Safety class III (III)	-

Order Code	Full Product Name	Protection class IEC	ENEC mark
911401514641	RC600B LED40S/840 POE W60L60 SL GM	Safety class III (III)	-
911401514941	RC600B LED40S/840 POE W60L60 SL CAU	Safety class III (III)	ENEC mark

PowerBalance RC600B

Order Code	Full Product Name	Protection class IEC	ENEC mark
911401515041	RC600B LED40S/840 POE W60L60 MA CAU	Safety class III (III)	ENEC mark
911401515141	RC600B LED40S/840 POE W60L60 MA GM	Safety class III (III)	-
911401515641	RC600B LED40S/840 POE W60L60 MA IN	Safety class III (III)	-
911401516041	RC600B LED40S/840 POE W60L60 SL IN	Safety class III (III)	-
911401800797	RC600B LED40S/865 PSD W60L60 CAU	Safety class I (I)	ENEC mark
911401801097	RC600B LED40S/840 PSD ACW W60L60 CAU	Safety class I (I)	ENEC mark
911401801397	RC600B LED40S/865 PSD ACW W60L60 CAU	Safety class I (I)	ENEC mark
911401802697	RC600B LED40S/865 PSU W59L59	Safety class I (I)	-
911401802797	RC600B LED40S/865 PSD W59L59	Safety class I (I)	-
911401803097	RC600B LED40S/840 PSD W59L59	Safety class I (I)	-

Order Code	Full Product Name	Protection class IEC	ENEC mark
911401803497	RC600B LED40S/840 PSU W59L59	Safety class I (I)	-
911401899999	RC600B LED30S/840 PSD W60L60 CAU	Safety class I (I)	ENEC mark
911401800397	RC600B LED30S/840 PSD W30L120 CAU	Safety class I (I)	ENEC mark
911401800597	RC600B LED40S/865 PSD W30L120 CAU	Safety class I (I)	ENEC mark
911401800697	RC600B LED40S/840 PSD W30L120 CAU	Safety class I (I)	ENEC mark
911401801297	RC600B LED40S/840 PSD ACW W30L120 CAU	Safety class I (I)	ENEC mark
911401897999	RC600B LED30S/840 PSU W30L120 GM	Safety class I (I)	-
911401899299	RC600B LED40S/865 PSD ACW W30L120 CAU	Safety class I (I)	ENEC mark
911401899799	RC600B LED40S/840 PSD ACW W30L120 GM	Safety class I (I)	-

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux	Initial input power
911401514041	RC600B LED40S/840 POE W60L60 SL	4000 K	117.14 lm/W	4100 lm	35 W
911401514241	RC600B LED40S/840 POE W60L60 MA	4000 K	117.14 lm/W	4100 lm	35 W
911401514641	RC600B LED40S/840 POE W60L60 SL GM	3000 K	117.14 lm/W	4100 lm	35 W
911401514941	RC600B LED40S/840 POE W60L60 SL CAU	4000 K	117.14 lm/W	4100 lm	35 W
911401515041	RC600B LED40S/840 POE W60L60 MA CAU	4000 K	117.14 lm/W	4100 lm	35 W
911401515141	RC600B LED40S/840 POE W60L60 MA GM	4000 K	117.14 lm/W	4100 lm	35 W
911401515641	RC600B LED40S/840 POE W60L60 MA IN	4000 K	117.14 lm/W	4100 lm	35 W

Order Code	Full Product Name	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux	Initial input power
911401516041	RC600B LED40S/840 POE W60L60 SL IN	4000 K	117.14 lm/W	4100 lm	35 W
911401800797	RC600B LED40S/865 PSD W60L60 CAU	6500 K	125 lm/W	4000 lm	32 W
911401801097	RC600B LED40S/840 PSD ACW W60L60 CAU	4000 K	160 lm/W	4000 lm	25 W
911401801397	RC600B LED40S/865 PSD ACW W60L60 CAU	6500 K	160 lm/W	4000 lm	25 W
911401802697	RC600B LED40S/865 PSU W59L59	6500 K	125 lm/W	4000 lm	32 W
911401802797	RC600B LED40S/865 PSD W59L59	6500 K	125 lm/W	4000 lm	32 W
911401803097	RC600B LED40S/840 PSD W59L59	4000 K	125 lm/W	4000 lm	32 W
911401803497	RC600B LED40S/840 PSU W59L59	4000 K	125 lm/W	4000 lm	32 W

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Order Code	Full Product Name	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux	Initial input power
911401899999	RC600B LED30S/840 PSD W60L60 CAU	4000 K	129.17 lm/W	3100 lm	24 W
911401800397	RC600B LED30S/840 PSD W30L120 CAU	4000 K	129.17 lm/W	3100 lm	24 W
911401800597	RC600B LED40S/865 PSD W30L120 CAU	6500 K	125 lm/W	4000 lm	32 W
911401800697	RC600B LED40S/840 PSD W30L120 CAU	4000 K	125 lm/W	4000 lm	32 W
911401801297	RC600B LED40S/840 PSD ACW W30L120 CAU	4000 K	160 lm/W	4000 lm	25 W
911401897999	RC600B LED30S/840 PSU W30L120 GM	4000 K	129.17 lm/W	3100 lm	24 W
911401899299	RC600B LED40S/865 PSD ACW W30L120 CAU	6500 K	160 lm/W	4000 lm	25 W
911401899799	RC600B LED40S/840 PSD ACW W30L120 GM	4000 K	160 lm/W	4000 lm	25 W

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