



# 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

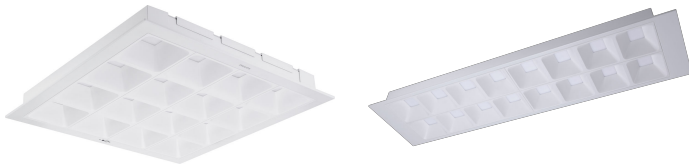
Type	RC600B	Ceiling type	Exposed T-bar ceiling Bandrastrer ceiling
------	--------	--------------	--

# PowerBalance RC600B

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

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

## Versions



RC600B W30XL120

RC600B W30XL120

## Product details



Power Balance G3 RC600B

## Application conditions

Suitable for random switching	Yes
<b>Approval and application</b>	
Ingress protection code	IP20
<b>Operating and electrical</b>	
Input Voltage	220/240 V
<b>General information</b>	
Beam angle of light source	- °
CE mark	CE mark
Driver included	Yes
Flammability mark	-
Glow-wire test	Temperature 650 °C, duration 30 s
Light source replaceable	No
Number of gear units	1 unit
Optic type	Beam angle 100°
<b>Initial performance (IEC compliant)</b>	
Initial chromaticity	SDCM<4
Init. Color Rendering Index	>80
Luminous flux tolerance	+/-10%
<b>Mechanical and housing</b>	
Color	White

## Application conditions

Order Code	Full Product Name	Ambient temperature range	Maximum dim 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%
911401514841	RC600B LED40S/840 POE W30L120 MA 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%
911401515241	RC600B LED40S/840 POE W30L120 SL GM	0 to +40 °C	20%
911401515341	RC600B LED40S/840 POE W30L120 MA CAU	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
911401897599	RC600B LED30S/865 PSU W60L60 GM	-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%
911401897699	RC600B LED30S/840 PSD W30L120 GM	-20 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%
911401899699	RC600B LED30S/840 PSD ACW W30L120 GM	0 to +40 °C	1%
911401899799	RC600B LED40S/840 PSD ACW W30L120 GM	0 to +40 °C	1%
911401899899	RC600B LED40S/865 PSD ACW W30L120 GM	0 to +40 °C	1%

## Approval and application

Order Code	Full Product Name	Mech. impact protection code
911401514041	RC600B LED40S/840 POE W60L60 SL	IK03
911401514241	RC600B LED40S/840 POE W60L60 MA	IK03
911401514641	RC600B LED40S/840 POE W60L60 SL GM	IK03
911401514841	RC600B LED40S/840 POE W30L120 MA GM	IK02
911401514941	RC600B LED40S/840 POE W60L60 SL CAU	IK03
911401515041	RC600B LED40S/840 POE W60L60 MA CAU	IK03
911401515141	RC600B LED40S/840 POE W60L60 MA GM	IK03
911401515241	RC600B LED40S/840 POE W30L120 SL GM	IK02
911401515341	RC600B LED40S/840 POE W30L120 MA CAU	IK02
911401515641	RC600B LED40S/840 POE W60L60 MA IN	IK03
911401516041	RC600B LED40S/840 POE W60L60 SL IN	IK03
911401800797	RC600B LED40S/865 PSD W60L60 CAU	IK03
911401801097	RC600B LED40S/840 PSD ACW W60L60 CAU	IK03

Order Code	Full Product Name	Mech. impact protection code
911401801397	RC600B LED40S/865 PSD ACW W60L60 CAU	IK03
911401802697	RC600B LED40S/865 PSU W59L59	IK03
911401802797	RC600B LED40S/865 PSD W59L59	IK03
911401803097	RC600B LED40S/840 PSD W59L59	IK03
911401803497	RC600B LED40S/840 PSU W59L59	IK03
911401897599	RC600B LED30S/865 PSU W60L60 GM	IK02
911401899999	RC600B LED30S/840 PSD W60L60 CAU	IK03
911401800397	RC600B LED30S/840 PSD W30L120 CAU	IK03
911401800597	RC600B LED40S/865 PSD W30L120 CAU	IK03
911401800697	RC600B LED40S/840 PSD W30L120 CAU	IK03
911401801297	RC600B LED40S/840 PSD ACW W30L120 CAU	IK03
911401897699	RC600B LED30S/840 PSD W30L120 GM	IK02
911401897999	RC600B LED30S/840 PSU W30L120 GM	IK03

## PowerBalance RC600B

Order Code	Full Product Name	Mech. impact protection code
911401899299	RC600B LED40S/865 PSD ACW W30L120 CAU	IK03
911401899699	RC600B LED30S/840 PSD ACW W30L120 GM	IK02

Order Code	Full Product Name	Mech. impact protection code
911401899799	RC600B LED40S/840 PSD ACW W30L120 GM	IK03
911401899899	RC600B LED40S/865 PSD ACW W30L120 GM	IK03

### 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
911401514841	RC600B LED40S/840 POE W30L120 MA 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
911401515241	RC600B LED40S/840 POE W30L120 SL GM	Yes
911401515341	RC600B LED40S/840 POE W30L120 MA CAU	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
911401897599	RC600B LED30S/865 PSU W60L60 GM	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
911401897699	RC600B LED30S/840 PSD W30L120 GM	Yes
911401897999	RC600B LED30S/840 PSU W30L120 GM	No
911401899299	RC600B LED40S/865 PSD ACW W30L120 CAU	Yes
911401899699	RC600B LED30S/840 PSD ACW W30L120 GM	Yes
911401899799	RC600B LED40S/840 PSD ACW W30L120 GM	Yes
911401899899	RC600B LED40S/865 PSD ACW W30L120 GM	Yes

### General information

Order Code	Full Product Name	Protection class IEC	Optical cover/ lens type	ENEC mark	Service tag
911401514041	RC600B LED40S/840 POE W60L60 SL	Safety class III	Opal	-	Yes
911401514241	RC600B LED40S/840 POE W60L60 MA	Safety class III	Opal	-	Yes
911401514641	RC600B LED40S/840 POE W60L60 SL GM	Safety class III	Opal	-	Yes
911401514841	RC600B LED40S/840 POE W30L120 MA GM	Safety class III	Polycarbonate	-	Yes
911401514941	RC600B LED40S/840 POE W60L60 SL CAU	Safety class III	Opal	ENEC mark	Yes
911401515041	RC600B LED40S/840 POE W60L60 MA CAU	Safety class III	Opal	ENEC mark	Yes
911401515141	RC600B LED40S/840 POE W60L60 MA GM	Safety class III	Opal	-	Yes
911401515241	RC600B LED40S/840 POE W30L120 SL GM	Safety class III	Polycarbonate	-	Yes

Order Code	Full Product Name	Protection class IEC	Optical cover/ lens type	ENEC mark	Service tag
911401515341	RC600B LED40S/840 POE W30L120 MA CAU	Safety class III	Polycarbonate	ENEC mark	Yes
911401515641	RC600B LED40S/840 POE W60L60 MA IN	Safety class III	Opal	-	Yes
911401516041	RC600B LED40S/840 POE W60L60 SL IN	Safety class III	Opal	-	Yes
911401800797	RC600B LED40S/865 PSD W60L60 CAU	Safety class I	Opal	ENEC mark	Yes
911401801097	RC600B LED40S/840 PSD ACW W60L60 CAU	Safety class I	Opal	ENEC mark	Yes
911401801397	RC600B LED40S/865 PSD ACW W60L60 CAU	Safety class I	Opal	ENEC mark	Yes
911401802697	RC600B LED40S/865 PSU W59L59	Safety class I	Opal	-	Yes

## PowerBalance RC600B

Order Code	Full Product Name	Protection class IEC	Optical cover/ lens type	ENEC mark	Service tag
911401802797	RC600B LED40S/865 PSD W59L59	Safety class I	Opal	-	Yes
911401803097	RC600B LED40S/840 PSD W59L59	Safety class I	Opal	-	Yes
911401803497	RC600B LED40S/840 PSU W59L59	Safety class I	Opal	-	Yes
911401897599	RC600B LED30S/865 PSU W60L60 GM	Safety class I	Polycarbonate	-	Yes
911401899999	RC600B LED30S/840 PSD W60L60 CAU	Safety class I	Opal	ENEC mark	Yes
911401800397	RC600B LED30S/840 PSD W30L120 CAU	Safety class I	Opal	ENEC mark	Yes
911401800597	RC600B LED40S/865 PSD W30L120 CAU	Safety class I	Opal	ENEC mark	Yes
911401800697	RC600B LED40S/840 PSD W30L120 CAU	Safety class I	Opal	ENEC mark	Yes
911401801297	RC600B LED40S/840 PSD ACW W30L120 CAU	Safety class I	Opal	ENEC mark	Yes

Order Code	Full Product Name	Protection class IEC	Optical cover/ lens type	ENEC mark	Service tag
911401897699	RC600B LED30S/840 PSD W30L120 GM	Safety class I	Polycarbonate	-	Yes
911401897999	RC600B LED30S/840 PSU W30L120 GM	Safety class I	Opal	-	-
911401899299	RC600B LED40S/865 PSD ACW W30L120 CAU	Safety class I	Opal	ENEC mark	Yes
911401899699	RC600B LED30S/840 PSD ACW W30L120 GM	Safety class I	Polycarbonate	-	Yes
911401899799	RC600B LED40S/840 PSD ACW W30L120 GM	Safety class I	Opal	-	Yes
911401899899	RC600B LED40S/865 PSD ACW W30L120 GM	Safety class I	Opal	-	Yes

### Initial performance (IEC compliant)

Order Code	Full Product Name	Init. Corr. Color 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
911401514841	RC600B LED40S/840 POE W30L120 MA GM	4000 K	117.14 lm/W	4100 lm	35 W
911401514941	RC600B LED40S/840	4000 K	117.14 lm/W	4100 lm	35 W

Order Code	Full Product Name	Init. Corr. Color Temperature	Initial LED luminaire efficacy	Initial luminous flux	Initial input power
	POE W60L60 SL CAU				
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
911401515241	RC600B LED40S/840 POE W30L120 SL GM	4000 K	117.14 lm/W	4100 lm	35 W
911401515341	RC600B LED40S/840	4000 K	117.14 lm/W	4100 lm	35 W

## PowerBalance RC600B

Order Code	Full Product Name	Init. Corr. Color Temperature	Initial LED luminaire efficacy	Initial luminous flux	Initial input power
	POE W30L120 MA CAU				
911401515641	RC600B LED40S/840 POE W60L60 MA IN	4000 K	117.14 lm/W	4100 lm	35 W
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
911401897599	RC600B LED30S/865 PSU W60L60 GM	6500 K	129.17 lm/W	3100 lm	24 W
911401899999	RC600B LED30S/840	4000 K	129.17 lm/W	3100 lm	24 W

Order Code	Full Product Name	Init. Corr. Color Temperature	Initial LED luminaire efficacy	Initial luminous flux	Initial input power
	PSD W60L60 CAU				
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
911401897699	RC600B LED30S/840 PSD W30L120 GM	4000 K	129.17 lm/W	3100 lm	24 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
911401899699	RC600B LED30S/840 PSD ACW W30L120 GM	4000 K	124 lm/W	3100 lm	25 W
911401899799	RC600B LED40S/840 PSD ACW W30L120 GM	4000 K	160 lm/W	4000 lm	25 W
911401899899	RC600B LED40S/865 PSD ACW W30L120 GM	6500 K	160 lm/W	4000 lm	25 W

## PowerBalance RC600B

