



# 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

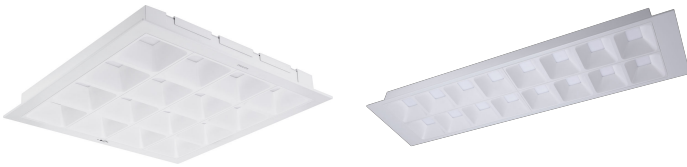
Type	RC600B	Ceiling type	Exposed T-bar ceiling Bandrastrer ceiling
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# PowerBalance RC600B

<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</b>	3000 or 4000 K
<b>Temperature</b>	
<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 W60XL60

RC600B W30XL120

# PowerBalance RC600B

## Approval and Application

Mech. impact protection code	IK02
Ingress protection code	IP20

## Operating and Electrical

Input Voltage	220/240 V
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## General Information

Beam angle of light source	- °
CE mark	CE mark
Protection class IEC	Safety class I (I)
Driver included	Yes
ENEC mark	-
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
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## Application Conditions

Order Code	Full Product Name	Ambient temperature range	Maximum dim level
911401897499	RC600B LED30S/840 PSU W60L60 GM	-20 to +40 °C	Not applicable
911401898099	RC600B LED30S/840 PSD W60L60 GM	-20 to +40 °C	1%
911401898899	RC600B LED40S/840 PSU W60L60 GM	-20 to +40 °C	Not applicable
911401898999	RC600B LED40S/865 PSD W60L60 GM	-20 to +40 °C	1%
911401899099	RC600B LED40S/840 PSD W60L60 GM	-20 to +40 °C	1%
911401899199	RC600B LED40S/865 PSU W60L60 GM	-20 to +40 °C	Not applicable
911401899499	RC600B LED40S/840 PSD ACW W60L60 GM	0 to +40 °C	1%
911401898299	RC600B LED40S/840 PSD W30L120 GM	-20 to +40 °C	1%
911401898399	RC600B LED40S/865 PSU W30L120 GM	-20 to +40 °C	Not applicable
911401898599	RC600B LED40S/840 PSU W30L120 GM	-20 to +40 °C	Not applicable
911401898799	RC600B LED40S/865 PSD W30L120 GM	-20 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
911401897499	RC600B LED30S/840 PSU W60L60 GM	No
911401898099	RC600B LED30S/840 PSD W60L60 GM	Yes
911401898899	RC600B LED40S/840 PSU W60L60 GM	No
911401898999	RC600B LED40S/865 PSD W60L60 GM	Yes
911401899099	RC600B LED40S/840 PSD W60L60 GM	Yes
911401899199	RC600B LED40S/865 PSU W60L60 GM	No

Order Code	Full Product Name	Dimmable
911401899499	RC600B LED40S/840 PSD ACW W60L60 GM	Yes
911401898299	RC600B LED40S/840 PSD W30L120 GM	Yes
911401898399	RC600B LED40S/865 PSU W30L120 GM	No
911401898599	RC600B LED40S/840 PSU W30L120 GM	No
911401898799	RC600B LED40S/865 PSD W30L120 GM	Yes
911401899799	RC600B LED40S/840 PSD ACW W30L120 GM	Yes

## Initial Performance (IEC Compliant)

Order Code	Full Product Name	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux	Initial input power
911401897499	RC600B LED30S/840 PSU W60L60 GM	4000 K	129.16666666666666 lm/W	3100 lm	24 W
911401898099	RC600B LED30S/840 PSD W60L60 GM	4000 K	129.16666666666666 lm/W	3100 lm	24 W

Order Code	Full Product Name	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux	Initial input power
911401898899	RC600B LED40S/840 PSU W60L60 GM	4000 K	125 lm/W	4000 lm	32 W
911401898999	RC600B LED40S/865 PSD W60L60 GM	6500 K	125 lm/W	4000 lm	32 W

## PowerBalance RC600B

Order Code	Full Product Name	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux	Initial input power
911401899099	RC600B LED40S/84 0 PSD W60L60 GM	4000 K	125 lm/W	4000 lm	32 W
911401899199	RC600B LED40S/8 65 PSU W60L60 GM	6500 K	125 lm/W	4000 lm	32 W
911401899499	RC600B LED40S/84 0 PSD ACW W60L60 GM	4000 K	160 lm/W	4000 lm	25 W
911401898299	RC600B LED40S/84 0 PSD W30L120 GM	4000 K	125 lm/W	4000 lm	32 W
911401898399	RC600B LED40S/8	6500 K	125 lm/W	4000 lm	32 W

Order Code	Full Product Name	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux	Initial input power
	65 PSU W30L120 GM				
911401898599	RC600B LED40S/84 0 PSU W30L120 GM	4000 K	125 lm/W	4000 lm	32 W
911401898799	RC600B LED40S/8 65 PSD W30L120 GM	6500 K	125 lm/W	4000 lm	32 W
911401899799	RC600B LED40S/84 0 PSD ACW W30L120 GM	4000 K	160 lm/W	4000 lm	25 W

