



# 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

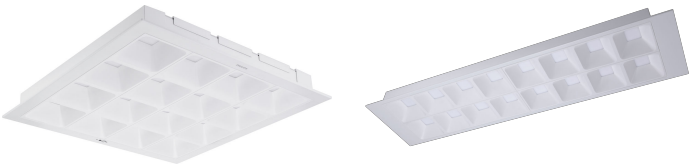
Type	RC600B	Ceiling type	Exposed T-bar ceiling
			Bandrastrer ceiling

# PowerBalance RC600B

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

<b>Application Conditions</b>	
Suitable for random switching	Yes
<b>Approval and Application</b>	
Mech. impact protection code	IK03
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
Optical cover/lens type	O
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
<b>Initial Performance (IEC Compliant)</b>	
Initial chromaticity	SDCM<4
Init. Colour rendering index	>80
Luminous flux tolerance	+/-10%
<b>Mechanical and Housing</b>	
Colour	White

## Application Conditions

Order Code	Full Product Name	Ambient temperature range	Maximum dimming
			level
911401514241	RC600B LED40S/840 POE W60L60 MA	0 to +40 °C	20%
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
911401897999	RC600B LED30S/840 PSU W30L120 GM	-20 to +40 °C	Not applicable

## Controls and Dimming

Order Code	Full Product Name	Dimmable
911401514241	RC600B LED40S/840 POE W60L60 MA	Yes
911401802697	RC600B LED40S/865 PSU W59L59	No
911401802797	RC600B LED40S/865 PSD W59L59	Yes

Order Code	Full Product Name	Dimmable
911401803097	RC600B LED40S/840 PSD W59L59	Yes
911401803497	RC600B LED40S/840 PSU W59L59	No
911401897999	RC600B LED30S/840 PSU W30L120 GM	No

## General Information

Order Code	Full Product Name	Protection class IEC
911401514241	RC600B LED40S/840 POE W60L60 MA	Safety class III (III)
911401802697	RC600B LED40S/865 PSU W59L59	Safety class I (I)
911401802797	RC600B LED40S/865 PSD W59L59	Safety class I (I)

Order Code	Full Product Name	Protection class IEC
911401803097	RC600B LED40S/840 PSD W59L59	Safety class I (I)
911401803497	RC600B LED40S/840 PSU W59L59	Safety class I (I)
911401897999	RC600B LED30S/840 PSU W30L120 GM	Safety class I (I)

## Initial Performance (IEC Compliant)

Order Code	Full Product Name	Init. Corr.	Initial LED	Initial	Initial
		Colour Temperature	luminaire efficacy	luminous flux	input power
911401514241	RC600B LED40S/840 POE W60L60 MA	4000 K	117.14 lm/W	4100 lm	35 W

Order Code	Full Product Name	Init. Corr.	Initial LED	Initial	Initial
		Colour Temperature	luminaire efficacy	luminous flux	input power
	POE W60L60 MA				

## PowerBalance RC600B

Order Code	Full Product Name	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux	Initial input power
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

Order Code	Full Product Name	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux	Initial input power
911401803497	RC600B LED40S/840 PSU W59L59	4000 K	125 lm/W	4000 lm	32 W
911401897999	RC600B LED30S/840 PSU W30L120 GM	4000 K	129.17 lm/W	3100 lm	24 W

