



# 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

# PowerBalance RC600B

## Application Conditions

Suitable for random switching	Yes
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## Approval and Application

Mech. impact protection code	IK03
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)
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

## Initial Performance (IEC Compliant)

Initial chromaticity	SDCM<4
Init. Corr. Colour Temperature	4000 K
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 dimming
			level
911401897999	RC600B LED30S/840 PSU W30L120 GM	-20 to +40 °C	Not applicable
911401899799	RC600B LED40S/840 PSD ACW W30L120 GM	0 to +40 °C	1%

## Controls and Dimming

Order Code	Full Product Name	Dimmable
911401897999	RC600B LED30S/840 PSU W30L120 GM	No

Order Code	Full Product Name	Dimmable
911401899799	RC600B LED40S/840 PSD ACW W30L120 GM	Yes

## Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial LED	Initial	Initial input
		luminaire efficacy	luminous flux	power
911401897999	RC600B LED30S/840 PSU W30L120 GM	129.17 lm/W	3100 lm	24 W
911401899799	RC600B LED40S/840 PSD ACW W30L120 GM	160 lm/W	4000 lm	25 W

