

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

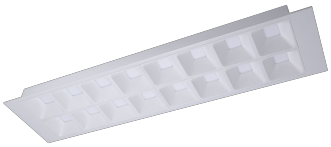
Ceiling type	Exposed T-bar ceiling
	Bandraster ceiling

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

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
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

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 luminaire efficacy	Initial luminous flux	Initial input 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

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