



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

- \cdot Operational cost saving
- Energy-efficient
- \cdot Office norm-compliant

Features

- \cdot Advanced LED technology
- Smart Pyramid Optics (SPO)
- \cdot Dedicated lumen package for office application

Application

- \cdot General lighting in offices
- \cdot Circulation areas

Specifications

Туре

RC600B

 Ceiling type	Exposed T-bar ceiling
 8-77-	Bandraster ceiling

PowerBalance RC600B

Light source	Philips Fortimo LEDline 3R	Driver	Built-in	
Power	LED31S: 40 W (4000 K)	Mains voltage	230 or 240 V / 50 Hz	
	LED40S: 52 W (4000 K)	Dimming	Compatible with DALI controllers	
Beam angle	85 <u>°</u>	Controls system input	DALI	
Correlated Color	3000 or 4000 K	Options	Lighting controls: Actilume (ACL)	
Temperature			Airhandling	
Color Rendering Index 80		Material	Housing: zinc-coated steel	
Maintenance of lumen	30,000 hours at 25ºC		Rim: post lacquered	
output - L90			Optics: plastic	
Maintenance of lumen 50,000 hours at 25°C		Color	White (WH)	
output - L70		Maintenance	Optical module sealed for life; no internal cleaning required	
Operating temperature +10°C < T		Installation	Exposed ceilings: in lay, no brackets needed	
range				

Versions



RC600B W30XL120

PowerBalance RC600B

Application Conditions	
Maximum dimming level	1%
Suitable for random switching	Yes
Approval and Application	
Mech. impact protection code	IK03
Ingress protection code	IP20
Controls and Dimming	
Dimmable	Yes
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)
Protection class IEC Optical cover/lens type	Safety class I (I) O
Optical cover/lens type	0
Optical cover/lens type Driver included	O Yes
Optical cover/lens type Driver included ENEC mark	O Yes -
Optical cover/lens type Driver included ENEC mark Flammability mark	O Yes - NO
Optical cover/lens type Driver included ENEC mark Flammability mark Glow-wire test	O Yes - NO 650/30
Optical cover/lens type Driver included ENEC mark Flammability mark Glow-wire test Light source replaceable	O Yes - NO 650/30 No
Optical cover/lens type Driver included ENEC mark Flammability mark Glow-wire test Light source replaceable Number of gear units	O Yes - NO 650/30 No 1 unit
Optical cover/lens type Driver included ENEC mark Flammability mark Glow-wire test Light source replaceable Number of gear units	O Yes - NO 650/30 No 1 unit 100
Optical cover/lens type Driver included ENEC mark Flammability mark Glow-wire test Light source replaceable Number of gear units Optic type	O Yes - NO 650/30 No 1 unit 100
Optical cover/lens type Driver included ENEC mark Flammability mark Glow-wire test Light source replaceable Number of gear units Optic type Initial Performance (IEC Compliant	O Yes - NO 650/30 No 1 unit 100
Optical cover/lens type Driver included ENEC mark Flammability mark Glow-wire test Light source replaceable Number of gear units Optic type Initial Performance (IEC Compliant Initial chromaticity	O Yes - NO 650/30 No 1 unit 100 SDCM<4
Optical cover/lens type Driver included ENEC mark Flammability mark Glow-wire test Light source replaceable Number of gear units Optic type Initial Performance (IEC Compliant Initial chromaticity Init. Corr. Colour Temperature	O Yes - NO 650/30 No 1 unit 100 SDCM<4 4000 K
Optical cover/lens type Driver included ENEC mark Flammability mark Glow-wire test Light source replaceable Number of gear units Optic type Initial Performance (IEC Compliant Initial chromaticity Init. Corr. Colour Temperature Init. Colour rendering index	O Yes - NO 650/30 No 1 unit 100 SDCM<4 4000 K >80
Optical cover/lens type Driver included ENEC mark Flammability mark Glow-wire test Light source replaceable Number of gear units Optic type Initial Performance (IEC Compliant Initial chromaticity Init. Corr. Colour Temperature Init. Colour rendering index Initial luminous flux	O Yes - NO 650/30 No 1 unit 100 SDCM<4 4000 K >80 4000 lm

Application Conditions

Order Code	Full Product Name	Ambient temperature range		
911401899099	RC600B LED40S/840 PSD W60L60 GM	-20 to +40 °C		
911401899499	RC600B LED40S/840 PSD ACW W60L60 GM	0 to +40 °C		

Initial Performance (IEC Compliant)

White

Colour

			Initial LED luminaire	Initial input			Initial LED luminaire	Initial input
Orde	er Code	Full Product Name	efficacy	power	Order Code	Full Product Name	efficacy	power
91140	01899099	RC600B LED40S/840 PSD	125 lm/W	32 W	911401899499	RC600B LED40S/840 PSD	160 lm/W	25 W
		W60L60 GM				ACW W60L60 GM		

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