



Create comfort and satisfaction for your office

PowerBalance G4

PowerBalance G4 (RC650 range) is a complete office lighting family which creates a modern, flexible and comfortable environment that fosters creativity and innovation. It provides multiple control options (Interact office, Interact pro, POE) to make your office energy-efficient and easy to manage.

Benefits

- Nice and creative outlook design to fit different office application environments
- Multiple control interfaces to fit high-end office lighting solutions
- High lm/W to offer better energy savings

Features

- High energy efficacy at 136 lm/w
- CRI90 – Conformity to WELL
- Multiple control interface available

Application

- Office lighting

PowerBalance G4

Versions



Application Conditions

Ambient temperature range	-20 to +40 °C
Suitable for random switching	No

Approval and Application

Mech. impact protection code	IK03
Ingress protection code	IP20

Operating and Electrical

Input Voltage	220 to 240 V
---------------	--------------

General Information

Beam angle of light source	120 °
CE mark	CE mark
Protection class IEC	Safety class I (I)
Optical cover/lens type	Polycarbonate
Driver included	Yes
ENEC mark	-
Flammability mark	F
Glow-wire test	650/30
Number of gear units	1 unit
Optic type	R

Initial Performance (IEC Compliant)

Initial chromaticity	SDCM<3
Luminous flux tolerance	+/-10%

Mechanical and Housing

Colour	White
--------	-------

Over Time Performance (IEC Compliant)

Median useful life L80B50	50000 h
---------------------------	---------

Application Conditions

Order Code	Full Product Name	Maximum dimming level
911401548461	RC650B LED40S865 PSU W60L60	Not applicable
911401548561	RC650B LED40S865 PSD W60L60	Programmable
911401548661	RC650B LED40S840 PSU W60L60	Not applicable
911401548761	RC650B LED40S840 PSD W60L60	Programmable
911401557261	RC650B LED40S940 PSU W60L60	-
911401557361	RC650B LED40S940 PSD W60L60	Programmable
911401548861	RC650B LED40S865 PSU W30L120	Not applicable
911401548961	RC650B LED40S865 PSD W30L120	Programmable
911401549061	RC650B LED40S840 PSU W30L120	Not applicable
911401549161	RC650B LED40S840 PSD W30L120	Programmable
911401556661	RC650B LED40S940 PSU W30L120	Not applicable
911401556761	RC650B LED40S940 PSD W30L120	Programmable

Controls and Dimming

Order Code	Full Product Name	Dimmable	Order Code	Full Product Name	Dimmable
911401548461	RC650B LED40S865 PSU W60L60	No	911401548661	RC650B LED40S840 PSU W60L60	No
911401548561	RC650B LED40S865 PSD W60L60	Yes	911401548761	RC650B LED40S840 PSD W60L60	Yes

PowerBalance G4

Order Code	Full Product Name	Dimmable
911401557261	RC650B LED40S940 PSU W60L60	No
911401557361	RC650B LED40S940 PSD W60L60	Yes
911401548861	RC650B LED40S865 PSU W30L120	No
911401548961	RC650B LED40S865 PSD W30L120	Yes

Order Code	Full Product Name	Dimmable
911401549061	RC650B LED40S840 PSU W30L120	No
911401549161	RC650B LED40S840 PSD W30L120	Yes
911401556661	RC650B LED40S940 PSU W30L120	No
911401556761	RC650B LED40S940 PSD W30L120	Yes

Initial Performance (IEC Compliant) (1/2)

Order Code	Full Product Name	Colour Temperature	Init.	Initial LED luminaire efficacy	Initial luminous flux
			Colour rendering index		
911401548461	RC650B LED40S865 PSU W60L60	6500 K	>80	142.9 lm/W	4100 lm
911401548561	RC650B LED40S865 PSD W60L60	6500 K	>80	140.4 lm/W	4100 lm
911401548661	RC650B LED40S840 PSU W60L60	4000 K	>80	142.9 lm/W	4100 lm
911401548761	RC650B LED40S840 PSD W60L60	4000 K	>80	140.4 lm/W	4100 lm
911401557261	RC650B LED40S940 PSU W60L60	4000 K	>90	137.6 lm/W	3950 lm
911401557361	RC650B LED40S940 PSD W60L60	4000 K	>90	135.3 lm/W	3950 lm

Order Code	Full Product Name	Init. Corr. Colour Temperature	Init.	Initial LED luminaire efficacy	Initial luminous flux
			Colour rendering index		
911401548861	RC650B LED40S865 PSU W30L120	6500 K	>80	142.9 lm/W	4100 lm
911401548961	RC650B LED40S865 PSD W30L120	6500 K	>80	140.4 lm/W	4100 lm
911401549061	RC650B LED40S840 PSU W30L120	4000 K	>80	142.9 lm/W	4100 lm
911401549161	RC650B LED40S840 PSD W30L120	4000 K	>80	140.4 lm/W	4100 lm
911401556661	RC650B LED40S940 PSU W30L120	4000 K	>90	137.6 lm/W	3950 lm
911401556761	RC650B LED40S940 PSD W30L120	4000 K	>90	135.3 lm/W	3950 lm

Initial Performance (IEC Compliant) (2/2)

Order Code	Full Product Name	Initial input power
911401548461	RC650B LED40S865 PSU W60L60	28.7 W
911401548561	RC650B LED40S865 PSD W60L60	29.2 W
911401548661	RC650B LED40S840 PSU W60L60	28.7 W
911401548761	RC650B LED40S840 PSD W60L60	29.2 W
911401557261	RC650B LED40S940 PSU W60L60	28.7 W
911401557361	RC650B LED40S940 PSD W60L60	29.2 W

Order Code	Full Product Name	Initial input power
911401548861	RC650B LED40S865 PSU W30L120	28.7 W
911401548961	RC650B LED40S865 PSD W30L120	29.2 W
911401549061	RC650B LED40S840 PSU W30L120	28.7 W
911401549161	RC650B LED40S840 PSD W30L120	29.2 W
911401556661	RC650B LED40S940 PSU W30L120	28.7 W

