



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 saving

Features

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

Application

- Office lighting

PowerBalance G4

Versions



PowerBalance G4



PowerBalance G4

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

General information

Beam angle of light source	120 °
CE mark	CE mark
Optical cover/lens type	Polycarbonate
Driver included	Yes
ENEC mark	-
Flammability mark	For mounting on normally flammable surfaces
Glow-wire test	Temperature 650 °C, duration 30 s
Number of gear units	1 unit
Optic type	Reflector

Initial performance (IEC compliant)

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

Mechanical and housing

Color	White
-------	-------

Over time performance (IEC compliant)

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

Application conditions

Order Code	Full Product Name	Maximum dim 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
911401549261	RC650B LED40S840 PSU W60L60 CAU	Not applicable
911401549361	RC650B LED40S840 PSD W60L60 CAU	Programmable
911401549661	RC650B LED40S840 PSU W60L60 UNV	Not applicable
911401549761	RC650B LED40S840 PSU W60L60 TWN	Not applicable
911401554061	RC650B LED40S8 TWH W60L60	1%
911401555861	RC650B LED40S8 TWH W60L60CAU	1%
911401557261	RC650B LED40S940 PSU W60L60	-
911401557361	RC650B LED40S940 PSD W60L60	Programmable
911401557861	RC650B LED40S9 TWH W60L60	1%
911401558061	RC650B LED40S940 PSU W60L60 CAU	-
911401558161	RC650B LED40S940 PSD W60L60 CAU	Programmable
911401558461	RC650B LED40S940 PSU W60L60 UNV	-
911401558561	RC650B LED40S940 PSU W60L60 TWN	-
911401559061	RC650B LED40S9 TWH W60L60 CAU	1%
911401580061	RC650B LED40S965 PSU W60L60	-
911401580161	RC650B LED40S965 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
911401549461	RC650B LED40S840 PSU W30L120 CAU	Not applicable
911401549561	RC650B LED40S840 PSD W30L120 CAU	Programmable
911401555161	RC650B LED40S8 TWH W30L120	1%
911401556361	RC650B LED40S8 TWH W30L120CAU	1%
911401556661	RC650B LED40S940 PSU W30L120	Not applicable
911401556761	RC650B LED40S940 PSD W30L120	Programmable
911401557961	RC650B LED40S9 TWH W30L120	1%
911401558261	RC650B LED40S940 PSU W30L120 CAU	-
911401558361	RC650B LED40S940 PSD W30L120 CAU	Programmable
911401559161	RC650B LED40S9 TWH W30L120 CAU	1%
911401580361	RC650B LED40S965 PSU W30L120	-

Order Code	Full Product Name	Maximum dim level
911401580461	RC650B LED40S965 PSD W30L120	Programmable

Controls and dimming

Order Code	Full Product Name	Dimmable	Order Code	Full Product Name	Dimmable
911401548461	RC650B LED40S865 PSU W60L60	No	911401580061	RC650B LED40S965 PSU W60L60	No
911401548561	RC650B LED40S865 PSD W60L60	Yes	911401580161	RC650B LED40S965 PSD W60L60	Yes
911401548661	RC650B LED40S840 PSU W60L60	No	911401548861	RC650B LED40S865 PSU W30L120	No
911401548761	RC650B LED40S840 PSD W60L60	Yes	911401548961	RC650B LED40S865 PSD W30L120	Yes
911401549261	RC650B LED40S840 PSU W60L60 CAU	No	911401549061	RC650B LED40S840 PSU W30L120	No
911401549361	RC650B LED40S840 PSD W60L60 CAU	Yes	911401549161	RC650B LED40S840 PSD W30L120	Yes
911401549661	RC650B LED40S840 PSU W60L60 UNV	No	911401549461	RC650B LED40S840 PSU W30L120 CAU	No
911401549761	RC650B LED40S840 PSU W60L60 TWN	No	911401549561	RC650B LED40S840 PSD W30L120 CAU	Yes
911401554061	RC650B LED40S8 TWH W60L60	Yes	911401555161	RC650B LED40S8 TWH W30L120	Yes
911401555861	RC650B LED40S8 TWH W60L60CAU	Yes	911401556361	RC650B LED40S8 TWH W30L120CAU	Yes
911401557261	RC650B LED40S940 PSU W60L60	No	911401556661	RC650B LED40S940 PSU W30L120	No
911401557361	RC650B LED40S940 PSD W60L60	Yes	911401556761	RC650B LED40S940 PSD W30L120	Yes
911401557861	RC650B LED40S9 TWH W60L60	Yes	911401557961	RC650B LED40S9 TWH W30L120	Yes
911401558061	RC650B LED40S940 PSU W60L60 CAU	No	911401558261	RC650B LED40S940 PSU W30L120 CAU	No
911401558161	RC650B LED40S940 PSD W60L60 CAU	Yes	911401558361	RC650B LED40S940 PSD W30L120 CAU	Yes
911401558461	RC650B LED40S940 PSU W60L60 UNV	No	911401559161	RC650B LED40S9 TWH W30L120 CAU	Yes
911401558561	RC650B LED40S940 PSU W60L60 TWN	No	911401580361	RC650B LED40S965 PSU W30L120	No
911401559061	RC650B LED40S9 TWH W60L60 CAU	Yes	911401580461	RC650B LED40S965 PSD W30L120	Yes

Operating and electrical

Order Code	Full Product Name	Input Voltage	Order Code	Full Product Name	Input Voltage
911401548461	RC650B LED40S865 PSU W60L60	220 to 240 V	911401580061	RC650B LED40S965 PSU W60L60	220 to 240 V
911401548561	RC650B LED40S865 PSD W60L60	220 to 240 V	911401580161	RC650B LED40S965 PSD W60L60	220 to 240 V
911401548661	RC650B LED40S840 PSU W60L60	220 to 240 V	911401548861	RC650B LED40S865 PSU W30L120	220 to 240 V
911401548761	RC650B LED40S840 PSD W60L60	220 to 240 V	911401548961	RC650B LED40S865 PSD W30L120	220 to 240 V
911401549261	RC650B LED40S840 PSU W60L60 CAU	220 to 240 V	911401549061	RC650B LED40S840 PSU W30L120	220 to 240 V
911401549361	RC650B LED40S840 PSD W60L60 CAU	220 to 240 V	911401549161	RC650B LED40S840 PSD W30L120	220 to 240 V
911401549661	RC650B LED40S840 PSU W60L60 UNV	100 to 277 V	911401549461	RC650B LED40S840 PSU W30L120 CAU	220 to 240 V
911401549761	RC650B LED40S840 PSU W60L60 TWN	100 to 277 V	911401549561	RC650B LED40S840 PSD W30L120 CAU	220 to 240 V
911401554061	RC650B LED40S8 TWH W60L60	220 to 240 V	911401555161	RC650B LED40S8 TWH W30L120	220 to 240 V
911401555861	RC650B LED40S8 TWH W60L60CAU	220 to 240 V	911401556361	RC650B LED40S8 TWH W30L120CAU	220 to 240 V
911401557261	RC650B LED40S940 PSU W60L60	220 to 240 V	911401556661	RC650B LED40S940 PSU W30L120	220 to 240 V
911401557361	RC650B LED40S940 PSD W60L60	220 to 240 V	911401556761	RC650B LED40S940 PSD W30L120	220 to 240 V
911401557861	RC650B LED40S9 TWH W60L60	220 to 240 V	911401557961	RC650B LED40S9 TWH W30L120	220 to 240 V
911401558061	RC650B LED40S940 PSU W60L60 CAU	220 to 240 V	911401558261	RC650B LED40S940 PSU W30L120 CAU	220 to 240 V
911401558161	RC650B LED40S940 PSD W60L60 CAU	220 to 240 V	911401558361	RC650B LED40S940 PSD W30L120 CAU	220 to 240 V
911401558461	RC650B LED40S940 PSU W60L60 UNV	100 to 277 V	911401559161	RC650B LED40S9 TWH W30L120 CAU	220 to 240 V
911401558561	RC650B LED40S940 PSU W60L60 TWN	100 to 277 V	911401580361	RC650B LED40S965 PSU W30L120	220 to 240 V
911401559061	RC650B LED40S9 TWH W60L60 CAU	220 to 240 V	911401580461	RC650B LED40S965 PSD W30L120	220 to 240 V

General information

Order Code	Full Product Name	Protection class IEC	Order Code	Full Product Name	Protection class IEC
911401548461	RC650B LED40S865 PSU W60L60	Safety class I	911401548661	RC650B LED40S840 PSU W60L60	Safety class I
911401548561	RC650B LED40S865 PSD W60L60	Safety class I	911401548761	RC650B LED40S840 PSD W60L60	Safety class I

Order Code	Full Product Name	Protection class IEC
911401549261	RC650B LED40S840 PSU W60L60 CAU	Safety class I
911401549361	RC650B LED40S840 PSD W60L60 CAU	Safety class I
911401549661	RC650B LED40S840 PSU W60L60 UNV	Safety class I
911401549761	RC650B LED40S840 PSU W60L60 TWN	Safety class I
911401554061	RC650B LED40S8 TWH W60L60	Safety class II
911401555861	RC650B LED40S8 TWH W60L60CAU	Safety class II
911401557261	RC650B LED40S940 PSU W60L60	Safety class I
911401557361	RC650B LED40S940 PSD W60L60	Safety class I
911401557861	RC650B LED40S9 TWH W60L60	Safety class II
911401558061	RC650B LED40S940 PSU W60L60 CAU	Safety class I
911401558161	RC650B LED40S940 PSD W60L60 CAU	Safety class I
911401558461	RC650B LED40S940 PSU W60L60 UNV	Safety class I
911401558561	RC650B LED40S940 PSU W60L60 TWN	Safety class I
911401559061	RC650B LED40S9 TWH W60L60 CAU	Safety class II
911401580061	RC650B LED40S965 PSU W60L60	Safety class I
911401580161	RC650B LED40S965 PSD W60L60	Safety class I

Order Code	Full Product Name	Protection class IEC
911401548861	RC650B LED40S865 PSU W30L120	Safety class I
911401548961	RC650B LED40S865 PSD W30L120	Safety class I
911401549061	RC650B LED40S840 PSU W30L120	Safety class I
911401549161	RC650B LED40S840 PSD W30L120	Safety class I
911401549461	RC650B LED40S840 PSU W30L120 CAU	Safety class I
911401549561	RC650B LED40S840 PSD W30L120 CAU	Safety class I
911401555161	RC650B LED40S8 TWH W30L120	Safety class II
911401556361	RC650B LED40S8 TWH W30L120CAU	Safety class II
911401556661	RC650B LED40S940 PSU W30L120	Safety class I
911401556761	RC650B LED40S940 PSD W30L120	Safety class I
911401557961	RC650B LED40S9 TWH W30L120	Safety class II
911401558261	RC650B LED40S940 PSU W30L120 CAU	Safety class I
911401558361	RC650B LED40S940 PSD W30L120 CAU	Safety class I
911401559161	RC650B LED40S9 TWH W30L120 CAU	Safety class II
911401580361	RC650B LED40S965 PSU W30L120	Safety class I
911401580461	RC650B LED40S965 PSD W30L120	Safety class I

Initial performance (IEC compliant) (1/2)

Order Code	Full Product Name	Init. Corr. Color Temperature	Init. Color Rendering Index	Initial LED luminaire efficacy	Initial luminous flux
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
911401549261	RC650B LED40S840 PSU W60L60 CAU	4000 K	>80	142.9 lm/W	4100 lm
911401549361	RC650B LED40S840 PSD W60L60 CAU	4000 K	>80	140.4 lm/W	4100 lm
911401549661	RC650B LED40S840 PSU W60L60 UNV	4000 K	>80	138.7 lm/W	4855 lm
911401549761	RC650B LED40S840 PSU W60L60 TWN	4000 K	>80	138.7 lm/W	4855 lm
911401554061	RC650B LED40S8 TWH W60L60	- K	>80	136.7 lm/W	4100 lm
911401555861	RC650B LED40S8 TWH W60L60CAU	- K	>80	136.7 lm/W	4100 lm

Order Code	Full Product Name	Init. Corr. Color Temperature	Init. Color Rendering Index	Initial LED luminaire efficacy	Initial luminous flux
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
911401557861	RC650B LED40S9 TWH W60L60	- K	>90	131.7 lm/W	3950 lm
911401558061	RC650B LED40S940 PSU W60L60 CAU	4000 K	>90	137.6 lm/W	3950 lm
911401558161	RC650B LED40S940 PSD W60L60 CAU	4000 K	>90	135.3 lm/W	3950 lm
911401558461	RC650B LED40S940 PSU W60L60 UNV	4000 K	>90	137.6 lm/W	3950 lm
911401558561	RC650B LED40S940 PSU W60L60 TWN	4000 K	>90	137.6 lm/W	3950 lm
911401559061	RC650B LED40S9 TWH W60L60 CAU	- K	>90	131.7 lm/W	3950 lm
911401580061	RC650B LED40S965 PSU W60L60	6500 K	>90	137.6 lm/W	3950 lm
911401580161	RC650B LED40S965 PSD W60L60	6500 K	>90	135.3 lm/W	3950 lm

PowerBalance G4

Order Code	Full Product Name	Init. Corr. Color Temperature	Init. Color Rendering Index	Initial LED luminaire efficacy	Initial luminous flux
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
911401549461	RC650B LED40S840 PSU W30L120 CAU	4000 K	>80	142.9 lm/W	4100 lm
911401549561	RC650B LED40S840 PSD W30L120 CAU	4000 K	>80	140.4 lm/W	4100 lm
911401555161	RC650B LED40S8 TWH W30L120	- K	>80	136.7 lm/W	4100 lm
911401556361	RC650B LED40S8 TWH W30L120CAU	- K	>80	136.7 lm/W	4100 lm

Order Code	Full Product Name	Init. Corr. Color Temperature	Init. Color Rendering Index	Initial LED luminaire efficacy	Initial luminous flux
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
911401557961	RC650B LED40S9 TWH W30L120	- K	>90	131.7 lm/W	3950 lm
911401558261	RC650B LED40S940 PSU W30L120 CAU	4000 K	>90	137.6 lm/W	3950 lm
911401558361	RC650B LED40S940 PSD W30L120 CAU	4000 K	>90	135.3 lm/W	3950 lm
911401559161	RC650B LED40S9 TWH W30L120 CAU	- K	>90	131.7 lm/W	3950 lm
911401580361	RC650B LED40S965 PSU W30L120	6500 K	>90	137.6 lm/W	3950 lm
911401580461	RC650B LED40S965 PSD W30L120	6500 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
911401549261	RC650B LED40S840 PSU W60L60 CAU	28.7 W
911401549361	RC650B LED40S840 PSD W60L60 CAU	29.2 W
911401549661	RC650B LED40S840 PSU W60L60 UNV	35 W
911401549761	RC650B LED40S840 PSU W60L60 TWN	35 W
911401554061	RC650B LED40S8 TWH W60L60	30 W
911401555861	RC650B LED40S8 TWH W60L60CAU	30 W
911401557261	RC650B LED40S940 PSU W60L60	28.7 W
911401557361	RC650B LED40S940 PSD W60L60	29.2 W
911401557861	RC650B LED40S9 TWH W60L60	30 W
911401558061	RC650B LED40S940 PSU W60L60 CAU	28.7 W
911401558161	RC650B LED40S940 PSD W60L60 CAU	29.2 W
911401558461	RC650B LED40S940 PSU W60L60 UNV	28.7 W
911401558561	RC650B LED40S940 PSU W60L60 TWN	28.7 W
911401559061	RC650B LED40S9 TWH W60L60 CAU	30 W

Order Code	Full Product Name	Initial input power
911401580061	RC650B LED40S965 PSU W60L60	28.7 W
911401580161	RC650B LED40S965 PSD W60L60	29.2 W
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
911401549461	RC650B LED40S840 PSU W30L120 CAU	28.7 W
911401549561	RC650B LED40S840 PSD W30L120 CAU	29.2 W
911401555161	RC650B LED40S8 TWH W30L120	30 W
911401556361	RC650B LED40S8 TWH W30L120CAU	30 W
911401556661	RC650B LED40S940 PSU W30L120	28.7 W
911401556761	RC650B LED40S940 PSD W30L120	29.2 W
911401557961	RC650B LED40S9 TWH W30L120	30 W
911401558261	RC650B LED40S940 PSU W30L120 CAU	28.7 W
911401558361	RC650B LED40S940 PSD W30L120 CAU	29.2 W
911401559161	RC650B LED40S9 TWH W30L120 CAU	30 W
911401580361	RC650B LED40S965 PSU W30L120	28.7 W
911401580461	RC650B LED40S965 PSD W30L120	29.2 W

Over time performance (IEC compliant)

PowerBalance G4

Order Code	Full Product Name	Median useful life L90B50
911401548461	RC650B LED40S865 PSU W60L60	37045 h
911401548561	RC650B LED40S865 PSD W60L60	33817 h
911401548661	RC650B LED40S840 PSU W60L60	37045 h
911401548761	RC650B LED40S840 PSD W60L60	33817 h
911401549261	RC650B LED40S840 PSU W60L60 CAU	37045 h
911401549361	RC650B LED40S840 PSD W60L60 CAU	33817 h
911401549661	RC650B LED40S840 PSU W60L60 UNV	37045 h
911401549761	RC650B LED40S840 PSU W60L60 TWN	37045 h
911401554061	RC650B LED40S8 TWH W60L60	33817 h
911401555861	RC650B LED40S8 TWH W60L60CAU	33817 h
911401557261	RC650B LED40S940 PSU W60L60	37045 h
911401557361	RC650B LED40S940 PSD W60L60	33817 h
911401557861	RC650B LED40S9 TWH W60L60	33817 h
911401558061	RC650B LED40S940 PSU W60L60 CAU	37045 h
911401558161	RC650B LED40S940 PSD W60L60 CAU	33817 h
911401558461	RC650B LED40S940 PSU W60L60 UNV	37045 h
911401558561	RC650B LED40S940 PSU W60L60 TWN	37045 h
911401559061	RC650B LED40S9 TWH W60L60 CAU	33817 h

Order Code	Full Product Name	Median useful life L90B50
911401580061	RC650B LED40S965 PSU W60L60	37045 h
911401580161	RC650B LED40S965 PSD W60L60	33817 h
911401548861	RC650B LED40S865 PSU W30L120	37045 h
911401548961	RC650B LED40S865 PSD W30L120	33817 h
911401549061	RC650B LED40S840 PSU W30L120	37045 h
911401549161	RC650B LED40S840 PSD W30L120	33817 h
911401549461	RC650B LED40S840 PSU W30L120 CAU	37045 h
911401549561	RC650B LED40S840 PSD W30L120 CAU	33817 h
911401555161	RC650B LED40S8 TWH W30L120	33817 h
911401556361	RC650B LED40S8 TWH W30L120CAU	33817 h
911401556661	RC650B LED40S940 PSU W30L120	37045 h
911401556761	RC650B LED40S940 PSD W30L120	33817 h
911401557961	RC650B LED40S9 TWH W30L120	33817 h
911401558261	RC650B LED40S940 PSU W30L120 CAU	37045 h
911401558361	RC650B LED40S940 PSD W30L120 CAU	33817 h
911401559161	RC650B LED40S9 TWH W30L120 CAU	33817 h
911401580361	RC650B LED40S965 PSU W30L120	37045 h
911401580461	RC650B LED40S965 PSD W30L120	33817 h

