



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
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
911401554061	RC650B LED40S8 TWH W60L60	1%
911401557261	RC650B LED40S940 PSU W60L60	-
911401557361	RC650B LED40S940 PSD W60L60	Programmable
911401557861	RC650B LED40S9 TWH W60L60	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
911401555161	RC650B LED40S8 TWH W30L120	1%
911401556661	RC650B LED40S940 PSU W30L120	Not applicable
911401556761	RC650B LED40S940 PSD W30L120	Programmable
911401557961	RC650B LED40S9 TWH W30L120	1%
911401580361	RC650B LED40S965 PSU W30L120	-
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	911401548761	RC650B LED40S840 PSD W60L60	Yes
911401548561	RC650B LED40S865 PSD W60L60	Yes	911401554061	RC650B LED40S8 TWH W60L60	Yes
911401548661	RC650B LED40S840 PSU W60L60	No	911401557261	RC650B LED40S940 PSU W60L60	No

PowerBalance G4

Order Code	Full Product Name	Dimmable
911401557361	RC650B LED40S940 PSD W60L60	Yes
911401557861	RC650B LED40S9 TWH W60L60	Yes
911401580061	RC650B LED40S965 PSU W60L60	No
911401580161	RC650B LED40S965 PSD W60L60	Yes
911401548861	RC650B LED40S865 PSU W30L120	No
911401548961	RC650B LED40S865 PSD W30L120	Yes
911401549061	RC650B LED40S840 PSU W30L120	No

Order Code	Full Product Name	Dimmable
911401549161	RC650B LED40S840 PSD W30L120	Yes
911401555161	RC650B LED40S8 TWH W30L120	Yes
911401556661	RC650B LED40S940 PSU W30L120	No
911401556761	RC650B LED40S940 PSD W30L120	Yes
911401557961	RC650B LED40S9 TWH W30L120	Yes
911401580361	RC650B LED40S965 PSU W30L120	No
911401580461	RC650B LED40S965 PSD W30L120	Yes

General information

Order Code	Full Product Name	Protection class IEC
911401548461	RC650B LED40S865 PSU W60L60	Safety class I (I)
911401548561	RC650B LED40S865 PSD W60L60	Safety class I (I)
911401548661	RC650B LED40S840 PSU W60L60	Safety class I (I)
911401548761	RC650B LED40S840 PSD W60L60	Safety class I (I)
911401554061	RC650B LED40S8 TWH W60L60	Safety class II (II)
911401557261	RC650B LED40S940 PSU W60L60	Safety class I (I)
911401557361	RC650B LED40S940 PSD W60L60	Safety class I (I)
911401557861	RC650B LED40S9 TWH W60L60	Safety class II (II)
911401580061	RC650B LED40S965 PSU W60L60	Safety class I (I)
911401580161	RC650B LED40S965 PSD W60L60	Safety class I (I)

Order Code	Full Product Name	Protection class IEC
911401548861	RC650B LED40S865 PSU W30L120	Safety class I (I)
911401548961	RC650B LED40S865 PSD W30L120	Safety class I (I)
911401549061	RC650B LED40S840 PSU W30L120	Safety class I (I)
911401549161	RC650B LED40S840 PSD W30L120	Safety class I (I)
911401555161	RC650B LED40S8 TWH W30L120	Safety class II (II)
911401556661	RC650B LED40S940 PSU W30L120	Safety class I (I)
911401556761	RC650B LED40S940 PSD W30L120	Safety class I (I)
911401557961	RC650B LED40S9 TWH W30L120	Safety class II (II)
911401580361	RC650B LED40S965 PSU W30L120	Safety class I (I)
911401580461	RC650B LED40S965 PSD W30L120	Safety class I (I)

Initial performance (IEC compliant) (1/2)

Order Code	Full Product Name	Init. Corr. Colour Temperature	Init.		
			Colour 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
911401554061	RC650B LED40S8 TWH W60L60	-	>80	136.7 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.		
			Colour rendering index	Initial LED luminaire efficacy	Initial luminous flux
911401557861	RC650B LED40S9 TWH W60L60	-	>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
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

PowerBalance G4

Order Code	Full Product Name	Init. Corr.	Init.	Initial LED luminaire efficacy	Initial luminous flux
		Colour Temperature	Colour rendering index		
911401555161	RC650B LED40S8 TWH W30L120	-	>80	136.7 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

Order Code	Full Product Name	Init. Corr.	Init.	Initial LED luminaire efficacy	Initial luminous flux
		Colour Temperature	Colour rendering index		
911401557961	RC650B LED40S9 TWH W30L120	-	>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
911401554061	RC650B LED40S8 TWH W60L60	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
911401580061	RC650B LED40S965 PSU W60L60	28.7 W
911401580161	RC650B LED40S965 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
911401555161	RC650B LED40S8 TWH W30L120	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
911401580361	RC650B LED40S965 PSU W30L120	28.7 W
911401580461	RC650B LED40S965 PSD W30L120	29.2 W

Over time performance (IEC compliant)

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
911401554061	RC650B LED40S8 TWH W60L60	33817 h
911401557261	RC650B LED40S940 PSU W60L60	37045 h
911401557361	RC650B LED40S940 PSD W60L60	33817 h
911401557861	RC650B LED40S9 TWH W60L60	33817 h
911401580061	RC650B LED40S965 PSU W60L60	37045 h
911401580161	RC650B LED40S965 PSD W60L60	33817 h

Order Code	Full Product Name	Median useful life L90B50
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
911401555161	RC650B LED40S8 TWH W30L120	33817 h
911401556661	RC650B LED40S940 PSU W30L120	37045 h
911401556761	RC650B LED40S940 PSD W30L120	33817 h
911401557961	RC650B LED40S9 TWH W30L120	33817 h
911401580361	RC650B LED40S965 PSU W30L120	37045 h
911401580461	RC650B LED40S965 PSD W30L120	33817 h

