

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

Specifications

Ceiling type	T-bar ceiling
Mains Voltage	220-240V/ 50-60Hz

Dimming	PSU: non-dimmable
	PSD: Dimmable via Dali-broadcasting
	WIA: Wireless control, compatible with Interact
	SIA: Wireless control, compatible with Interact with SNS210 sensor
Integrated sensors	SNS210

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Material	Housing: metal sheet
Main color of the luminaire	White
Lumen maintenance at median useful life	L70B50 50.000h

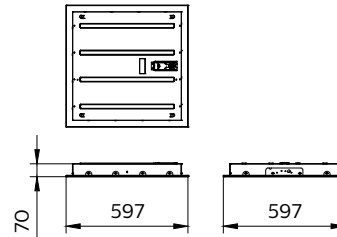
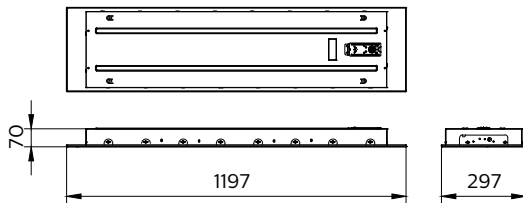
Color Rendering index - CRI	840, 865, 940, 965
Risk Group	RG1
Ingress protection	IP20
UGR	16
Installation	Recessed

Versions



PowerBalance G4

Dimensional drawing



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General Information

CE mark	CE mark
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

Light Technical

Beam angle of light source	120 degree(s)
Optical cover type	Polycarbonate
Optic type	Reflector

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz

Temperature

Ambient temperature range	-20 to +40 °C
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Mechanical and Housing

Housing Color	White
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Approval and Application

Mech. impact protection code	IK03
Ingress protection code	IP20

Initial Performance (IEC Compliant)

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

Over Time Performance (IEC Compliant)

Median useful life L80B50	50,000 hour(s)
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Application Conditions

Suitable for random switching	No
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Light Technical

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Color rendering index (CRI)	Luminous Efficacy (rated) (Nom)	Luminous Flux
911401548861	RC650B LED40S865 PSU W30L120	6500 K	>80	142.9 lm/W	4,100 lm
911401549061	RC650B LED40S840 PSU W30L120	4000 K	>80	142.9 lm/W	4,100 lm
911401549161	RC650B LED40S840 PSD W30L120	4000 K	>80	140.4 lm/W	4,100 lm
911401556761	RC650B LED40S940 PSD W30L120	4000 K	>90	135.3 lm/W	3,950 lm
911401557961	RC650B LED40S9 TWH W30L120	-	>90	131.7 lm/W	3,950 lm
911401548461	RC650B LED40S865 PSU W60L60	6500 K	>80	142.9 lm/W	4,100 lm
911401548661	RC650B LED40S840 PSU W60L60	4000 K	>80	142.9 lm/W	4,100 lm
911401548761	RC650B LED40S840 PSD W60L60	4000 K	>80	140.4 lm/W	4,100 lm
911401554061	RC650B LED40S8 TWH W60L60	-	>80	136.7 lm/W	4,100 lm
911401557861	RC650B LED40S9 TWH W60L60	-	>90	131.7 lm/W	3,950 lm
911401580161	RC650B LED40S965 PSD W60L60	6500 K	>90	135.3 lm/W	3,950 lm

Operating and Electrical

Order Code	Full Product Name	Power Consumption
911401548861	RC650B LED40S865 PSU W30L120	28.7 W
911401549061	RC650B LED40S840 PSU W30L120	28.7 W
911401549161	RC650B LED40S840 PSD W30L120	29.2 W
911401556761	RC650B LED40S940 PSD W30L120	29.2 W
911401557961	RC650B LED40S9 TWH W30L120	30 W
911401548461	RC650B LED40S865 PSU W60L60	28.7 W

Order Code	Full Product Name	Power Consumption
911401548661	RC650B LED40S840 PSU W60L60	28.7 W
911401548761	RC650B LED40S840 PSD W60L60	29.2 W
911401554061	RC650B LED40S8 TWH W60L60	30 W
911401557861	RC650B LED40S9 TWH W60L60	30 W
911401580161	RC650B LED40S965 PSD W60L60	29.2 W

Controls and Dimming

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Order Code	Full Product Name	Dimmable
911401548861	RC650B LED40S865 PSU W30L120	No
911401549061	RC650B LED40S840 PSU W30L120	No
911401549161	RC650B LED40S840 PSD W30L120	Yes
911401556761	RC650B LED40S940 PSD W30L120	Yes
911401557961	RC650B LED40S9 TWH W30L120	Yes
911401548461	RC650B LED40S865 PSU W60L60	No

Order Code	Full Product Name	Dimmable
911401548661	RC650B LED40S840 PSU W60L60	No
911401548761	RC650B LED40S840 PSD W60L60	Yes
911401554061	RC650B LED40S8 TWH W60L60	Yes
911401557861	RC650B LED40S9 TWH W60L60	Yes
911401580161	RC650B LED40S965 PSD W60L60	Yes

Approval and Application

Order Code	Full Product Name	Protection class IEC
911401548861	RC650B LED40S865 PSU W30L120	Safety class I
911401549061	RC650B LED40S840 PSU W30L120	Safety class I
911401549161	RC650B LED40S840 PSD W30L120	Safety class I
911401556761	RC650B LED40S940 PSD W30L120	Safety class I
911401557961	RC650B LED40S9 TWH W30L120	Safety class II
911401548461	RC650B LED40S865 PSU W60L60	Safety class I

Order Code	Full Product Name	Protection class IEC
911401548661	RC650B LED40S840 PSU W60L60	Safety class I
911401548761	RC650B LED40S840 PSD W60L60	Safety class I
911401554061	RC650B LED40S8 TWH W60L60	Safety class II
911401557861	RC650B LED40S9 TWH W60L60	Safety class II
911401580161	RC650B LED40S965 PSD W60L60	Safety class I

Over Time Performance (IEC Compliant)

Order Code	Full Product Name	Median useful life L90B50
911401548861	RC650B LED40S865 PSU W30L120	37,045 hour(s)
911401549061	RC650B LED40S840 PSU W30L120	37,045 hour(s)
911401549161	RC650B LED40S840 PSD W30L120	33,817 hour(s)
911401556761	RC650B LED40S940 PSD W30L120	33,817 hour(s)
911401557961	RC650B LED40S9 TWH W30L120	33,817 hour(s)
911401548461	RC650B LED40S865 PSU W60L60	37,045 hour(s)

Order Code	Full Product Name	Median useful life L90B50
911401548661	RC650B LED40S840 PSU W60L60	37,045 hour(s)
911401548761	RC650B LED40S840 PSD W60L60	33,817 hour(s)
911401554061	RC650B LED40S8 TWH W60L60	33,817 hour(s)
911401557861	RC650B LED40S9 TWH W60L60	33,817 hour(s)
911401580161	RC650B LED40S965 PSD W60L60	33,817 hour(s)

Application Conditions

Order Code	Full Product Name	Maximum dim level
911401548861	RC650B LED40S865 PSU W30L120	Not applicable
911401549061	RC650B LED40S840 PSU W30L120	Not applicable
911401549161	RC650B LED40S840 PSD W30L120	Programmable
911401556761	RC650B LED40S940 PSD W30L120	Programmable
911401557961	RC650B LED40S9 TWH W30L120	1%
911401548461	RC650B LED40S865 PSU W60L60	Not applicable

Order Code	Full Product Name	Maximum dim level
911401548661	RC650B LED40S840 PSU W60L60	Not applicable
911401548761	RC650B LED40S840 PSD W60L60	Programmable
911401554061	RC650B LED40S8 TWH W60L60	1%
911401557861	RC650B LED40S9 TWH W60L60	1%
911401580161	RC650B LED40S965 PSD W60L60	Programmable

