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		**Color Rendering index – CRI**	840, 865, 940, 965
Main color of the luminaire	White		**Risk Group**	RG1
Lumen maintenance at median useful life 50.000h	L70B50		**Ingress protection**	IP20
			UGR	16
			Installation	Recessed

Dimensional drawing
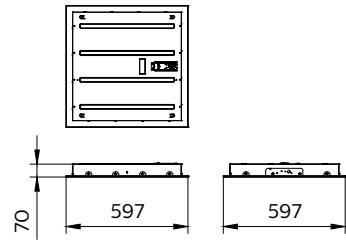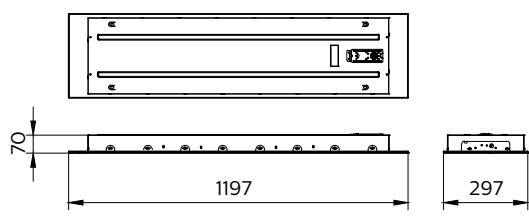
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General Information

Driver included	Yes
Number of gear units	1 unit
Service tag	Yes

Light Technical

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

Operating and Electrical

Protection class IEC	Safety class I
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Suitable for random switching	No

Mechanical and Housing

Optical cover type	Polycarbonate
Housing Color	White
Mech. impact protection code	IK03
Ingress protection code	IP20

Approval and Application

Ambient temperature range	–20 to +40 ℃
CE mark	Yes
ENEC mark	–
Flammability mark	For mounting on normally flammable surfaces
Glow-wire test	Temperature 650 ℃, duration 30 s

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)

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
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
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

Order Code	Full Product Name	Power Consumption
911401548461	RC650B LED40S865 PSU W60L60	28.7 W
911401548661	RC650B LED40S840 PSU W60L60	28.7 W
911401548761	RC650B LED40S840 PSD W60L60	29.2 W
911401580161	RC650B LED40S965 PSD W60L60	29.2 W

Controls and Dimming

Order Code	Full Product Name	Dimmable	Maximum dim level
911401548861	RC650B LED40S865 PSU W30L120	No	Not applicable
911401549061	RC650B LED40S840 PSU W30L120	No	Not applicable

Order Code	Full Product Name	Dimmable	Maximum dim level
911401549161	RC650B LED40S840 PSD W30L120	Yes	Programmable
911401556761	RC650B LED40S940 PSD W30L120	Yes	Programmable

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Order Code	Full Product Name	Dimmable	Maximum dim level
911401548461	RC650B LED40S865 PSU W60L60	No	Not applicable
911401548661	RC650B LED40S840 PSU W60L60	No	Not applicable

Order Code	Full Product Name	Dimmable	Maximum dim level
911401548761	RC650B LED40S840 PSD W60L60	Yes	Programmable
911401580161	RC650B LED40S965 PSD W60L60	Yes	Programmable

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)

Order Code	Full Product Name	Median useful life L90B50
911401548461	RC650B LED40S865 PSU W60L60	37,045 hour(s)
911401548661	RC650B LED40S840 PSU W60L60	37,045 hour(s)
911401548761	RC650B LED40S840 PSD W60L60	33,817 hour(s)
911401580161	RC650B LED40S965 PSD W60L60	33,817 hour(s)

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