

PowerBalance G4

7666168



Create comfort and satisfaction for your office

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

Applications

- Office lighting

Features

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

Versions

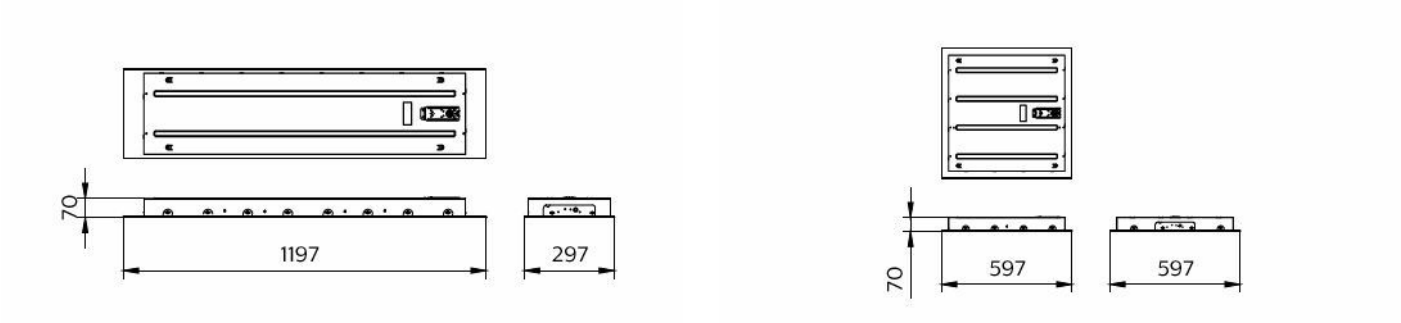


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Dimensional drawing



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General Information

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

Light Technical

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

Operating and Electrical

Line Frequency	50 or 60 Hz
Suitable for random switching	No

Mechanical and Housing

Housing Color	White
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK03 [0.3 J]
Optical cover type	Polycarbonate

Approval and Application

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

Initial Performance (IEC Compliant)

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

Over Time Performance (IEC Compliant)

Median useful life L80B50	50,000 hour(s)
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Light Technical

Order Code	Full Product Name	Luminous Flux	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Color rendering index (CRI)
911401548861	RC650B LED40S865 PSU W30L120	4,100 lm	6500 K	142.9 lm/W	>80
911401549061	RC650B LED40S840 PSU W30L120	4,100 lm	4000 K	142.9 lm/W	>80
911401549161	RC650B LED40S840 PSD W30L120	4,100 lm	4000 K	140.4 lm/W	>80
911401556761	RC650B LED40S940 PSD W30L120	3,950 lm	4000 K	135.3 lm/W	>90
911401558361	RC650B LED40S940 PSD W30L120 CAU	3,950 lm	4000 K	135.3 lm/W	>90
911401548461	RC650B LED40S865 PSU W60L60	4,100 lm	6500 K	142.9 lm/W	>80
911401548661	RC650B LED40S840 PSU W60L60	4,100 lm	4000 K	142.9 lm/W	>80
911401548761	RC650B LED40S840 PSD W60L60	4,100 lm	4000 K	140.4 lm/W	>80
911401549761	RC650B LED40S840 PSU W60L60 TWN	4,855 lm	4000 K	138.7 lm/W	>80
911401554061	RC650B LED40S8 TWH W60L60	4,100 lm	-	136.7 lm/W	>80
911401558161	RC650B LED40S940 PSD W60L60 CAU	3,950 lm	4000 K	135.3 lm/W	>90
911401580161	RC650B LED40S965 PSD W60L60	3,950 lm	6500 K	135.3 lm/W	>90

Operating and Electrical

Order Code	Full Product Name	Input Voltage	Power Consumption	Protection class IEC
911401548861	RC650B LED40S865 PSU W30L120	220 to 240 V	28.7 W	Safety class I
911401549061	RC650B LED40S840 PSU W30L120	220 to 240 V	28.7 W	Safety class I
911401549161	RC650B LED40S840 PSD W30L120	220 to 240 V	29.2 W	Safety class I
911401556761	RC650B LED40S940 PSD W30L120	220 to 240 V	29.2 W	Safety class I
911401558361	RC650B LED40S940 PSD W30L120 CAU	220 to 240 V	29.2 W	Safety class I
911401548461	RC650B LED40S865 PSU W60L60	220 to 240 V	28.7 W	Safety class I
911401548661	RC650B LED40S840 PSU W60L60	220 to 240 V	28.7 W	Safety class I

Order Code	Full Product Name	Input Voltage	Power Consumption	Protection class IEC
911401548761	RC650B LED40S840 PSD W60L60	220 to 240 V	29.2 W	Safety class I
911401549761	RC650B LED40S840 PSU W60L60 TWN	100 to 277 V	35 W	Safety class I
911401554061	RC650B LED40S8 TWH W60L60	220 to 240 V	30 W	Safety class II
911401558161	RC650B LED40S940 PSD W60L60 CAU	220 to 240 V	29.2 W	Safety class I
911401580161	RC650B LED40S965 PSD W60L60	220 to 240 V	29.2 W	Safety class I

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
911401549161	RC650B LED40S840 PSD W30L120	Yes	Programmable
911401556761	RC650B LED40S940 PSD W30L120	Yes	Programmable
911401558361	RC650B LED40S940 PSD W30L120 CAU	Yes	Programmable
911401548461	RC650B LED40S865 PSU W60L60	No	Not applicable
911401548661	RC650B LED40S840 PSU W60L60	No	Not applicable
911401548761	RC650B LED40S840 PSD W60L60	Yes	Programmable
911401549761	RC650B LED40S840 PSU W60L60 TWN	No	Not applicable
911401554061	RC650B LED40S8 TWH W60L60	Yes	1%
911401558161	RC650B LED40S940 PSD W60L60 CAU	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)
911401558361	RC650B LED40S940 PSD W30L120 CAU	33,817 hour(s)
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)
911401549761	RC650B LED40S840 PSU W60L60 TWN	37,045 hour(s)
911401554061	RC650B LED40S8 TWH W60L60	33,817 hour(s)
911401558161	RC650B LED40S940 PSD W60L60 CAU	33,817 hour(s)
911401580161	RC650B LED40S965 PSD W60L60	33,817 hour(s)