



# 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

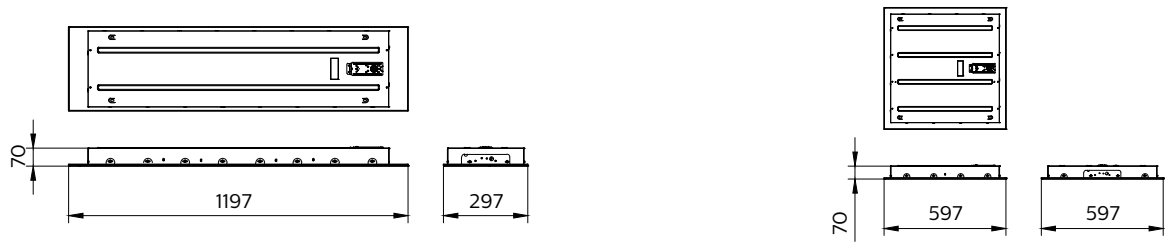
Dimming	PSU: non-dimmable
	PSD: Dimmable via Dali-broadcasting
	WIA: Wireless control, compatible with Interact
	SIA: Wireless control, compatible with Interact with SNS210 sensor
Integrated sensors	SNS210

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

Dimensional drawing



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	
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 °C
CE mark	Yes
ENEC mark	-
Flammability mark	For mounting on normally flammable surfaces
Glow-wire test	Temperature 650 °C, 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	Color	Luminous Efficacy (rated) (Nom)	Luminous Flux
		Temperature (Nom)	rendering index (CRI)		
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
911401558361	RC650B LED40S940 PSD W30L120 CAU	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
911401549761	RC650B LED40S840 PSU W60L60 TWN	4000 K	>80	138.7 lm/W	4,855 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
911401558161	RC650B LED40S940 PSD W60L60 CAU	4000 K	>90	135.3 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	Protection class	Power	
		IEC	Input Voltage	Consumption
911401548861	RC650B LED40S865 PSU W30L120	Safety class I	220 to 240 V	28.7 W
911401549061	RC650B LED40S840 PSU W30L120	Safety class I	220 to 240 V	28.7 W
911401549161	RC650B LED40S840 PSD W30L120	Safety class I	220 to 240 V	29.2 W
911401556761	RC650B LED40S940 PSD W30L120	Safety class I	220 to 240 V	29.2 W
911401557961	RC650B LED40S9 TWH W30L120	Safety class II	220 to 240 V	30 W
911401558361	RC650B LED40S940 PSD W30L120 CAU	Safety class I	220 to 240 V	29.2 W
911401548461	RC650B LED40S865 PSU W60L60	Safety class I	220 to 240 V	28.7 W
911401548661	RC650B LED40S840 PSU W60L60	Safety class I	220 to 240 V	28.7 W

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

Order Code	Full Product Name	Protection class		Power
		IEC	Input Voltage	Consumption
911401557861	RC650B LED40S9 TWH W60L60	Safety class II	220 to 240 V	30 W
911401558161	RC650B LED40S940 PSD W60L60 CAU	Safety class I	220 to 240 V	29.2 W
911401580161	RC650B LED40S965 PSD W60L60	Safety class I	220 to 240 V	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
911401549161	RC650B LED40S840 PSD W30L120	Yes	Programmable
911401556761	RC650B LED40S940 PSD W30L120	Yes	Programmable
911401557961	RC650B LED40S9 TWH W30L120	Yes	1%
911401558361	RC650B LED40S940 PSD W30L120 CAU	Yes	Programmable
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
911401549761	RC650B LED40S840 PSU W60L60 TWN	No	Not applicable
911401554061	RC650B LED40S8 TWH W60L60	Yes	1%
911401557861	RC650B LED40S9 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)
911401557961	RC650B LED40S9 TWH W30L120	33,817 hour(s)
911401558361	RC650B LED40S940 PSD W30L120 CAU	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)
911401549761	RC650B LED40S840 PSU W60L60 TWN	37,045 hour(s)
911401554061	RC650B LED40S8 TWH W60L60	33,817 hour(s)
911401557861	RC650B LED40S9 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)

