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

Versions

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Dimensional drawing
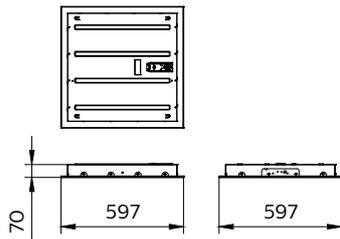
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General Information

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

Light Technical

Beam angle of light source	120 degree(s)
Color rendering index (CRI)	>80
Luminous Efficacy (rated) (Nom)	142.9 lm/W
Luminous Flux	4,100 lm
Optic type	Reflector

Operating and Electrical

Protection class IEC	Safety class I
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Power Consumption	28.7 W
Suitable for random switching	No

Controls and Dimming

Dimmable	No
Maximum dim level	Not applicable

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)
Median useful life L90B50	37,045 hour(s)

Light Technical

Order Code	Full Product Name	Correlated Color Temperature (Nom)
911401548461	RC650B LED40S865 PSU W60L60	6500 K
911401548661	RC650B LED40S840 PSU W60L60	4000 K

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www.lighting.philips.com

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