PowerBalance G4

RC650B LED40S965 PSU W60L60

Power supply unit – Reflector – Polycarbonate – 100° x 100°

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.

Product data

General information

Beam angle of light source	120 °
Light source color	965 cool daylight
Number of gear units	1 unit
Driver/power unit/transformer	Power supply unit
Driver included	Yes
Optic type	Reflector
Optical cover/lens type	Polycarbonate
Luminaire light beam spread	100° x 100°
Control interface	–
Connection	Screw connection block 3-pole
Protection class IEC	Safety class I
Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	For mounting on normally flammable surfaces
CE mark	CE mark
ENEC mark	–
Warranty period	3 years
Constant light output	No
Number of products on MCB of 16 A type B	33
EU RoHS compliant	Yes

Light source engine type	LED

Operating and electrical

Input Voltage	220 to 240 V
Input Frequency	50 or 60 Hz
Initial CLO power consumption	N.A. W
Average CLO power consumption	N.A. W
Inrush current	5.56 A
Inrush time	20 ms
Power Factor (Min)	0.9

Controls and dimming

Dimmable	No

Mechanical and housing

Housing Material	Steel
Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Steel

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Optical cover/lens finish	Textured
Overall length	597 mm
Overall width	597 mm
Overall height	70 mm
Color	White

Approval and application

Ingress protection code	IP20 [Finger–protected]
Mech. impact protection code	IK03 [0.3 J]

Initial performance (IEC compliant)

Initial luminous flux (system flux)	3950 lm
Luminous flux tolerance	+/–10%
Initial LED luminaire efficacy	137.6 lm/W
Init. Corr. Color Temperature	6500 K
Init. Color Rendering Index	>90
Initial chromaticity	SDCM<3
Initial input power	28.7 W
Power consumption tolerance	+/–10%

Over time performance (IEC compliant)

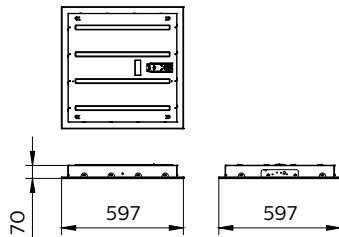|	
Median useful life L70B50	50000 h
Median useful life L80B50	50000 h
Median useful life L90B50	37045 h

Application conditions

Ambient temperature range	–20 to +40 °C
Suitable for random switching	No

Product data

Full product code	911401580061
Order product name	RC650B LED40S965 PSU W60L60
Order code	911401580061
Numerator – Quantity Per Pack	1
Numerator – Packs per outer box	2
Material Nr. (12NC)	911401580061
Net Weight (Piece)	5.300 kg

Dimensional drawing

70

597   597

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www.lighting.philips.com

2022, November 29 – data subject to change