PowerBalance G4

RC650B LED40S840 PSD W30L120

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	840 neutral white
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	DALI
Connection	Screw connection block 3-pole
Cable	-
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	22
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	23.1 A
Inrush time	221 ms
Power Factor (Min)	0.9

Controls and dimming	
Dimmable	Yes

Mechanical and housing	
Housing Material	Steel
Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate

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Fixation material	Steel
Optical cover/lens finish	Textured
Overall length	1197 mm
Overall width	297 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)	4100 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	140.4 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	>80
Initial chromaticity	SDCM<3
Initial input power	29.2 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	33817 h

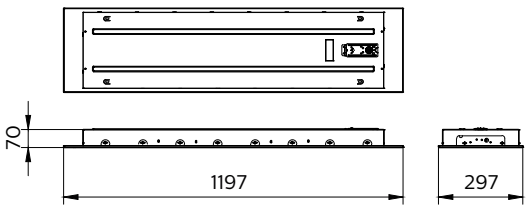
Application conditions

Ambient temperature range	-20 to +40 °C
Maximum dim level	Programmable
Suitable for random switching	No

Product data

Full product code	911401549161
Order product name	RC650B LED40S840 PSD W30L120
Order code	911401549161
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2
Material Nr. (12NC)	911401549161
Net Weight (Piece)	5.300 kg

Dimensional drawing



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