PowerBalance G4

RC650B LED40S840 PSD W60L60

PowerBalance G4, 140.4 lm/W, 840 neutral white, DALI

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	
Number of gear units	1 unit
Driver included	Yes
Light source engine type	LED
Service tag	Yes
Value ladder	Specification
Warranty period	3 years

Light Technical	
Luminous Flux	4,100 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	140.4 lm/W
Color rendering index (CRI)	>80
Beam angle of light source	120 degree(s)
Light source color	840 neutral white
Optic type	Reflector
Luminaire light beam spread	100° x 100°
Unified glare rating CEN	16

Operating and Electrical	
Input Voltage	220 to 240 V
Line 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 Consumption	29.2 W
Power Factor (Fraction)	0.9
Connection	Screw connection block 5-pole
Cable	-
Number of products on MCB of 16 A type B	22
Suitable for random switching	No
Protection class IEC	Safety class I

Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit (On/Off)
Control interface	DALI
Constant light output	No

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Maximum dim level	Programmable

Mechanical and Housing

Housing Material	Steel
Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	Steel
Housing Color	White
Optical cover finish	Textured
Overall length	597 mm
Overall width	597 mm
Overall height	70 mm
Dimensions (Height x Width x Depth)	70 x 597 x 597 mm
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK03 [0.3 J]
Optical cover type	Polycarbonate
Net Weight (Piece)	5.300 kg

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	-
EU RoHS compliant	Yes
Ambient temperature range	-20 to +40 °C

Initial Performance (IEC Compliant)

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

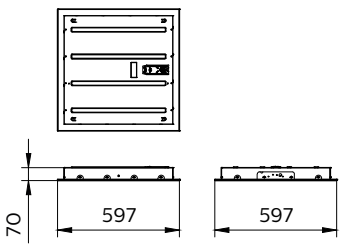
Over Time Performance (IEC Compliant)

Median useful life L70B50	50,000 hour(s)
Median useful life L80B50	50,000 hour(s)
Median useful life L90B50	33,817 hour(s)

Product Data

Order product name	RC650B LED40S840 PSD W60L60
Full product name	RC650B LED40S840 PSD W60L60
Full product code	911401548761
Order code	911401548761
Material Nr. (12NC)	911401548761
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2

Dimensional drawing



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