



PowerBalance G4

RC650B LED40S840 IAO W30L120 CAU

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 °
Lamp colour code	840 neutral white
Number of gear units	1 unit
Driver/power unit/transformer	PSU [Power supply unit]
Driver included	Yes
Optic type	R [Reflector]
Optical cover/lens type	Polycarbonate
Luminaire light beam spread	100° x 100°
Control interface	Interact office
Connection	Flying leads/wires
Cable	-
Protection class IEC	Safety class I (I)
Glow-wire test	650/30 [Temperature 650 °C, duration 30 s]
Flammability mark	F [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 (16 A type B)	21

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	21 A
Inrush time	280 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
Colour	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
Lamp colour temperature	4000 K
Colour 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
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Median useful life L80B50	50000 h
Median useful life L90B50	33817 h

Application Conditions

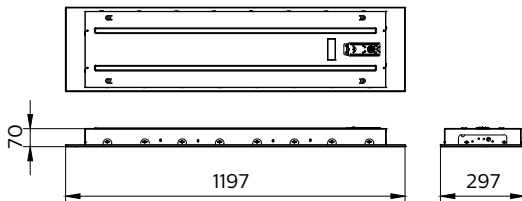
Ambient temperature range	-20 to +40 °C
Maximum dimming level	Programmable
Suitable for random switching	Yes (relates to presence/movement detection and daylight harvesting)

Product Data

Full product code	911401556061
Order product name	RC650B LED40S840 IAO W30L120 CAU
Order code	911401556061
SAP numerator – quantity per pack	1
Numerator – packs per outer box	2
SAP material	911401556061
SAP net weight (piece)	5.299 kg



Dimensional drawing



RC600B/RC650B Power Balance G3/G4

