



PowerBalance G4

RC650B LED40S940 PSD W30L120 CAU

PowerBalance G4, 135.3 lm/W, 940 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		Operating and Electrical	
Number of gear units	1 unit	Input Voltage	220 to 240 V
Driver included	Yes	Line Frequency	50 or 60 Hz
Light source engine type	LED	Initial CLO power consumption	N.A. W
Service tag	Yes	Average CLO power consumption	N.A. W
Value ladder	Specification	Inrush current	23.1 A
Warranty period	3 years	Inrush time	221 ms
Light Technical		Power Consumption	
Luminous Flux	3,950 lm	Power Factor (Fraction)	0.9
Correlated Color Temperature (Nom)	4000 K	Connection	Screw connection block 5-pole
Luminous Efficacy (rated) (Nom)	135.3 lm/W	Cable	-
Color rendering index (CRI)	>90	Number of products on MCB of 16 A type B	22
Beam angle of light source	120 degree(s)	Suitable for random switching	No
Light source color	940 neutral white	Protection class IEC	Safety class I
Optic type	Reflector	Controls and Dimming	
Luminaire light beam spread	100° x 100°	Dimmable	Yes
Unified glare rating CEN	16	Driver/power unit/transformer	Power supply unit (On/Off)
		Control interface	DALI
		Constant light output	No

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Maximum dim level	Programmable	ENEC mark	-
Mechanical and Housing		EU RoHS compliant	Yes
Housing Material	Steel	Ambient temperature range	-20 to +40 °C
Reflector material	Polycarbonate		
Optic material	Polycarbonate	Initial Performance (IEC Compliant)	
Optical cover material	Polycarbonate	Luminous flux tolerance	+/-10%
Fixation material	Steel	Initial chromaticity	SDCM<3
Housing Color	White	Power consumption tolerance	+/-10%
Optical cover finish	Textured		
Overall length	1,197 mm	Over Time Performance (IEC Compliant)	
Overall width	297 mm	Median useful life L70B50	50,000 hour(s)
Overall height	70 mm	Median useful life L80B50	50,000 hour(s)
Dimensions (Height x Width x Depth)	70 x 297 x 1197 mm	Median useful life L90B50	33,817 hour(s)
Ingress protection code	IP20 [Finger-protected]		
Mech. impact protection code	IK03 [0.3 J]	Product Data	
Optical cover type	Polycarbonate	Order product name	RC650B LED40S940 PSD W30L120 CAU
Net Weight (Piece)	4.300 kg	Full product name	RC650B LED40S940 PSD W30L120 CAU
Approval and Application		Full product code	911401558361
Glow-wire test	Temperature 650 °C, duration 30 s	Order code	01558361
Flammability mark	For mounting on normally flammable surfaces	Material Nr. (12NC)	911401558361
CE mark	Yes	Numerator - Quantity Per Pack	1
		Numerator - Packs per outer box	2

Dimensional drawing

