



PowerBalance G4

RC650B LED40S940 PSD W30L120

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	29.2 W
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

PowerBalance G4

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	1,197 mm
Overall width	297 mm
Overall height	70 mm
Dimensions (Height x Width x Depth)	70 x 297 x 1197 mm
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK03 [0.3 J]
Optical cover type	Polycarbonate
Net Weight (Piece)	4.300 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 LED40S940 PSD W30L120
Full product name	RC650B LED40S940 PSD W30L120
Full product code	911401556761
Order code	911401556761
Material Nr. (12NC)	911401556761
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2

Dimensional drawing

