

**PHILIPS****Lighting**

# PowerBalance G4

## RC650B LED40S8 TWH W60L60

PowerBalance G4, 136.7 lm/W, 830 warm white and 865 cool daylight, 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	12 A
Warranty period	3 years	Inrush time	50 ms
Light Technical		Power Consumption	30 W
Luminous Flux	4,100 lm	Power Factor (Fraction)	0.9
Correlated Color Temperature (Nom)	-	Connection	Screw connection block 3-pole
Luminous Efficacy (rated) (Nom)	136.7 lm/W	Cable	-
Color rendering index (CRI)	>80	Number of products on MCB of 16 A type B	80
Beam angle of light source	120 degree(s)	Suitable for random switching	No
Light source color	830 warm white and 865 cool daylight	Protection class IEC	Safety class II
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

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Constant light output	No
Maximum dim level	1%
<b>Mechanical and Housing</b>	
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)	4.000 kg
<b>Approval and Application</b>	
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
<b>Initial Performance (IEC Compliant)</b>	
Luminous flux tolerance	+/-10%
Initial chromaticity	SDCM<3
Power consumption tolerance	+/-10%
<b>Over Time Performance (IEC Compliant)</b>	
Median useful life L70B50	50,000 hour(s)
Median useful life L80B50	50,000 hour(s)
Median useful life L90B50	33,817 hour(s)
<b>Product Data</b>	
Order product name	RC650B LED40S8 TWH W60L60
Full product name	RC650B LED40S8 TWH W60L60
Full product code	911401554061
Order code	01554061
Material Nr. (12NC)	911401554061
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2

### Dimensional drawing

