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

| Controls and Dimming | |
|---|---|
| **Dimmable** | Yes |
| **Driver/power unit/transformer** | Power supply unit (On/Off) |
| **Control interface** | DALI |

# PowerBalance G4

| | |
|---|---|
| **Constant light output** | No |
| **Maximum dim level** | 1% |

## 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)** | 4.000 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% |

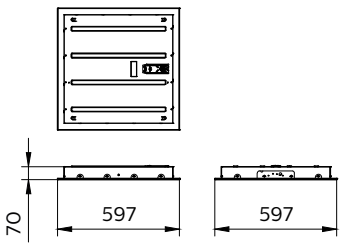
## Over Time Performance (IEC Compliant)

| | |
|---|---|
| **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 LED40S8 TWH W60L60 |
| **Full product name** | RC650B LED40S8 TWH W60L60 |
| **Full product code** | 911401554061 |
| **Order code** | 911401554061 |
| **Material Nr. (12NC)** | 911401554061 |
| **Numerator - Quantity Per Pack** | 1 |
| **Numerator - Packs per outer box** | 2 |

## Dimensional drawing




© 2025 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.