



# 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

