



# PowerBalance G4

## RC650B LED40S9 TWH W30L120

Power supply unit - Reflector - Polycarbonate - 100° x 100°

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                      |   |
|--|---|
| Beam angle of light source               | 120 °                                       |
| Light source color                       | 930 warm white and 965 cool daylight        |
| Number of gear units                     | 1 unit                                      |
| Driver/power unit/transformer            | Power supply unit                           |
| Driver included                          | Yes   |
| Optic type                               | Reflector                                   |
| Optical cover/lens type                  | Polycarbonate                               |
| Luminaire light beam spread              | 100° x 100°                                 |
| Control interface                        | DALI  |
| Connection                               | Screw connection block 3-pole               |
| Cable                                    | -   |
| Protection class IEC                     | Safety class II                             |
| Glow-wire test                           | Temperature 650 °C, duration 30 s           |
| Flammability mark                        | For mounting on normally flammable surfaces |
| CE mark                                  | CE mark                                     |
| ENEC mark                                | -   |
| Warranty period                          | 3 years                                     |
| Constant light output                    | No  |
| Number of products on MCB of 16 A type B | 80  |

|                          |     |
|--------------------------|-----|
| EU RoHS compliant        | Yes |
| Light source engine type | LED |

### Operating and electrical

|                               |              |
|-------------------------------|--------------|
| Input Voltage                 | 220 to 240 V |
| Input 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 Factor (Min)            | 0.9          |

### Controls and dimming

|          |     |
|----------|-----|
| Dimmable | Yes |
|----------|-----|

### Mechanical and housing

|                             |               |
|-----------------------------|---------------|
| Housing Material            | Steel         |
| Reflector material          | Polycarbonate |
| Optic material              | Polycarbonate |
| Optical cover/lens material | Polycarbonate |

## PowerBalance G4

|                           |          |
|---------------------------|----------|
| Fixation material         | Steel    |
| Optical cover/lens finish | Textured |
| Overall length            | 1197 mm  |
| Overall width             | 297 mm   |
| Overall height            | 70 mm    |
| Color                     | White    |

### Approval and application

|                              |                          |
|------------------------------|--------------------------|
| Ingress protection code      | IP20 [ Finger-protected] |
| Mech. impact protection code | IK03 [ 0.3 J]            |

### Initial performance (IEC compliant)

|                                     |            |
|-------------------------------------|------------|
| Initial luminous flux (system flux) | 3950 lm    |
| Luminous flux tolerance             | +/-10%     |
| Initial LED luminaire efficacy      | 131.7 lm/W |
| Init. Corr. Color Temperature       | -          |
| Init. Color Rendering Index         | >90        |
| Initial chromaticity                | SDCM<3     |
| Initial input power                 | 30 W       |
| Power consumption tolerance         | +/-10%     |

### Over time performance (IEC compliant)

|                           |         |
|---------------------------|---------|
| Median useful life L70B50 | 50000 h |
| Median useful life L80B50 | 50000 h |
| Median useful life L90B50 | 33817 h |

### Application conditions

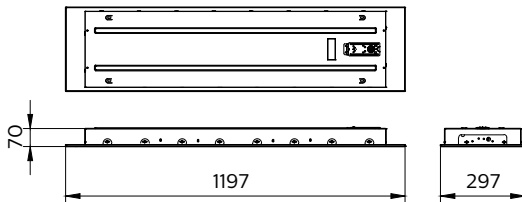
|                               |               |
|-------------------------------|---------------|
| Ambient temperature range     | -20 to +40 °C |
| Maximum dim level             | 1%            |
| Suitable for random switching | No            |

### Product data

|                                 |                            |
|---------------------------------|----------------------------|
| Full product code               | 911401557961               |
| Order product name              | RC650B LED40S9 TWH W30L120 |
| Order code                      | 911401557961               |
| Numerator - Quantity Per Pack   | 1                          |
| Numerator - Packs per outer box | 2                          |
| Material Nr. (12NC)             | 911401557961               |
| Net Weight (Piece)              | 5.299 kg                   |



## Dimensional drawing



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