



# PowerBalance G4

## RC650B LED40S865 PSU W30L120

PowerBalance G4, 142.9 lm/W, 865 cool daylight

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) | 6500 K            |
| Luminous Efficacy (rated) (Nom)    | 142.9 lm/W        |
| Color rendering index (CRI)        | >80               |
| Beam angle of light source         | 120 degree(s)     |
| Light source color                 | 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                           | 5.56 A                        |
| Inrush time                              | 20 ms                         |
| Power Consumption                        | 28.7 W                        |
| Power Factor (Fraction)                  | 0.9                           |
| Connection                               | Screw connection block 3-pole |
| Cable                                    | -                             |
| Number of products on MCB of 16 A type B | 33                            |
| Suitable for random switching            | No                            |
| Protection class IEC                     | Safety class I                |

  

| Controls and Dimming          |                            |
|-------------------------------|----------------------------|
| Dimmable                      | No                         |
| Driver/power unit/transformer | Power supply unit (On/Off) |
| Control interface             | -                          |
| Constant light output         | No                         |

## PowerBalance G4

|                                     |   |
|-------------------------------------|---|
| Maximum dim level                   | Not applicable                              |
| <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                      | 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)                  | 5.300 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 |

### 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 | 37,045 hour(s) |

### Product Data

|                                 |                              |
|---------------------------------|------------------------------|
| Order product name              | RC650B LED40S865 PSU W30L120 |
| Full product name               | RC650B LED40S865 PSU W30L120 |
| Full product code               | 911401548861                 |
| Order code                      | 911401548861                 |
| Material Nr. (12NC)             | 911401548861                 |
| Numerator - Quantity Per Pack   | 1                            |
| Numerator - Packs per outer box | 2                            |

## Dimensional drawing

