



# PowerBalance G4

## RC650B LED40S940 PSD W30L120

PowerBalance G4, 135.3 lm/W, 940 neutral white, 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                      | 3,950 lm          |
| Correlated Color Temperature (Nom) | 4000 K            |
| Luminous Efficacy (rated) (Nom)    | 135.3 lm/W        |
| Color rendering index (CRI)        | >90               |
| Beam angle of light source         | 120 degree(s)     |
| Light source color                 | 940 neutral white |
| 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                              | 23.1 A                        |
| Inrush time                                 | 221 ms                        |
| Power Consumption                           | 29.2 W                        |
| Power Factor (Fraction)                     | 0.9                           |
| Connection                                  | Screw connection block 5-pole |
| Cable                                       | -                             |
| Number of products on MCB of 16 A type B 22 |                               |
| Suitable for random switching               | No                            |
| Protection class IEC                        | Safety class I                |

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

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|                                     |                                             |
|-------------------------------------|---------------------------------------------|
| Maximum dim level                   | Programmable                                |
| 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                      | 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)                  | 4.300 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 LED40S940 PSD W30L120 |
| Full product name                     | RC650B LED40S940 PSD W30L120 |
| Full product code                     | 911401556761                 |
| Order code                            | 911401556761                 |
| Material Nr. (12NC)                   | 911401556761                 |
| Numerator - Quantity Per Pack         | 1                            |
| Numerator - Packs per outer box       | 2                            |

Dimensional drawing

