



PowerBalance G4

RC650B LED40S840 PSD W30L120

PowerBalance G4, 140.4 lm/W, 840 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 | 4,100 lm |
| Correlated Color Temperature (Nom) | 4000 K |
| Luminous Efficacy (rated) (Nom) | 140.4 lm/W |
| Color rendering index (CRI) | >80 |
| Beam angle of light source | 120 degree(s) |
| Light source color | 840 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 3-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 |

PowerBalance G4

| | |
|-------------------------------------|---|
| 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) | 5.300 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 LED40S840 PSD W30L120 |
| Full product name | RC650B LED40S840 PSD W30L120 |
| Full product code | 911401549161 |
| Order code | 911401549161 |
| Material Nr. (12NC) | 911401549161 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 2 |

Dimensional drawing

