



# PowerBalance RC600B

## RC600B LED30S/865 PSD ACW W60L60 GM

PowerBalance RC600B, 124 lm/W, 865 cool daylight, DALI

When it comes to lighting an office space with LED luminaires, people are willing to invest in sustainability, but only at reasonable cost. At the same time, the system should comply with office lighting norms to ensure a comfortable working environment. PowerBalance is an attractively priced LED luminaire specially developed to meet all office requirements. It consumes significantly less energy while offering longer life of the light source, resulting in lower operational cost compared to traditional luminaires.

### Product data

| General Information                |                                   |                                 |                    |
|------------------------------------|-----------------------------------|---------------------------------|--------------------|
| Light source replaceable           | No                                | Luminous Efficacy (rated) (Nom) | 124 lm/W           |
| Number of gear units               | 1 unit                            | Color rendering index (CRI)     | >80                |
| Driver included                    | Yes                               | Beam angle of light source      | - degree(s)        |
| Service tag                        | Yes                               | Light source color              | 865 cool daylight  |
| Glow-wire test                     | Temperature 650 °C, duration 30 s | Optic type                      | Beam angle 100°    |
| Flammability mark                  | -                                 | Luminaire light beam spread     | 120°               |
| CE mark                            | CE mark                           | Operating and Electrical        |                    |
| ENEC mark                          | -                                 | Input Voltage                   | 220/240 V          |
| Warranty period                    | 3 years                           | Line Frequency                  | 50 to 60 Hz        |
| EU RoHS compliant                  | No                                | Inrush current                  | 14.7 A             |
| Light Technical                    |                                   | Inrush time                     | 250 ms             |
| Luminous Flux                      | 3,100 lm                          | Power Consumption               | 25 W               |
| Correlated Color Temperature (Nom) | 6500 K                            | Power Factor (Fraction)         | 0.9                |
|                                    |                                   | Connection                      | Internal connector |

PowerBalance RC600B

|                                             |   |
|---------------------------------------------|---|
| Cable                                       | - |
| Number of products on MCB of 16 A type B 38 |   |

Temperature

|                           |             |
|---------------------------|-------------|
| Ambient temperature range | 0 to +40 °C |
|---------------------------|-------------|

Controls and Dimming

|                               |      |
|-------------------------------|------|
| Dimmable                      | Yes  |
| Driver/power unit/transformer | -    |
| Control interface             | DALI |
| Constant light output         | No   |

Mechanical and Housing

|                                     |                   |
|-------------------------------------|-------------------|
| Housing Material                    | Metal             |
| Reflector material                  | -                 |
| Optic material                      | Polycarbonate     |
| Optical cover material              | Polycarbonate     |
| Fixation material                   | Steel             |
| Housing Color                       | White             |
| Optical cover finish                | Opal              |
| Overall length                      | 597 mm            |
| Overall width                       | 597 mm            |
| Overall height                      | 69.7 mm           |
| Dimensions (Height x Width x Depth) | 70 x 597 x 597 mm |

Approval and Application

|                         |                         |
|-------------------------|-------------------------|
| Ingress protection code | IP20 [Finger-protected] |
|-------------------------|-------------------------|

|                              |                       |
|------------------------------|-----------------------|
| Mech. impact protection code | IK02 [0.2 J standard] |
| Protection class IEC         | Safety class I        |

Initial Performance (IEC Compliant)

|                             |        |
|-----------------------------|--------|
| Luminous flux tolerance     | +/-10% |
| Initial chromaticity        | SDCM<4 |
| Power consumption tolerance | +/-10% |

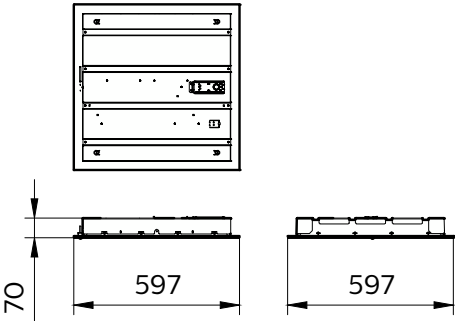
Application Conditions

|                               |     |
|-------------------------------|-----|
| Maximum dim level             | 1%  |
| Suitable for random switching | Yes |

Product Data

|                                 |                                     |
|---------------------------------|-------------------------------------|
| Order product name              | RC600B LED30S/865 PSD ACW W60L60 GM |
| Full product name               | RC600B LED30S/865 PSD ACW W60L60 GM |
| Full product code               | 911401898499                        |
| Order code                      | 911401898499                        |
| Material Nr. (12NC)             | 911401898499                        |
| Numerator - Quantity Per Pack   | 1                                   |
| Numerator - Packs per outer box | 2                                   |

Dimensional drawing



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