

# PowerBalance RC600B

## RC600B LED40S/840 PSU W60L60 GM

PowerBalance RC600B, 125 lm/W, 840 neutral white

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 |
| **Number of gear units** | 1 unit |
| **Driver included** | Yes |
| **Light source engine type** | LED |
| **Service tag** | Yes |
| **CE mark** | CE mark |
| **Warranty period** | 3 years |
| **Flammability mark** | - |
| **ENEC mark** | - |
| **Glow-wire test** | Temperature 650 °C, duration 30 s |
| **EU RoHS compliant** | No |

| Light Technical | |
|---|---|
| **Luminous Flux** | 4,000 lm |
| **Correlated Color Temperature (Nom)** | 4000 K |
| **Luminous Efficacy (rated) (Nom)** | 125 lm/W |
| **Color rendering index (CRI)** | >80 |
| **Beam angle of light source** | - degree(s) |
| **Light source color** | 840 neutral white |
| **Optic type** | Beam angle 100° |
| **Optical cover type** | Opal |
| **Luminaire light beam spread** | 120° |

| Operating and Electrical | |
|---|---|
| **Input Voltage** | 220/240 V |
| **Line Frequency** | 50 to 60 Hz |
| **Inrush current** | 14 A |
| **Inrush time** | 250 ms |
| **Power Consumption** | 32 W |

# PowerBalance RC600B

| | |
|---|---|
| **Power Factor (Fraction)** | 0.9 |
| **Connection** | Internal connector |
| **Cable** | - |
| **Number of products on MCB of 16 A type B** | 33 |

## Temperature

| | |
|---|---|
| **Ambient temperature range** | -20 to +40 °C |

## Controls and Dimming

| | |
|---|---|
| **Dimmable** | No |
| **Driver/power unit/transformer** | - |
| **Control interface** | - |
| **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** | IK03 [0.3 J] |
| **Protection class IEC** | Safety class I |

## Initial Performance (IEC Compliant)

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

## Over Time Performance (IEC Compliant)

| | |
|---|---|
| **Median useful life L70B50** | 50,000 hour(s) |

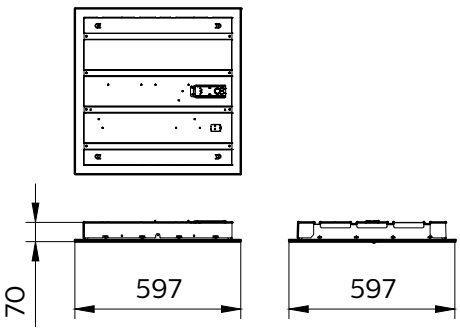
## Application Conditions

| | |
|---|---|
| **Maximum dim level** | Not applicable |
| **Suitable for random switching** | Yes |

## Product Data

| | |
|---|---|
| **Order product name** | RC600B LED40S/840 PSU W60L60 GM |
| **Full product name** | RC600B LED40S/840 PSU W60L60 GM |
| **Full product code** | 911401898899 |
| **Order code** | 911401898899 |
| **Material Nr. (12NC)** | 911401898899 |
| **Numerator - Quantity Per Pack** | 1 |
| **Numerator - Packs per outer box** | 2 |

## Dimensional drawing



# PowerBalance RC600B

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2023, April 30 - data subject to change