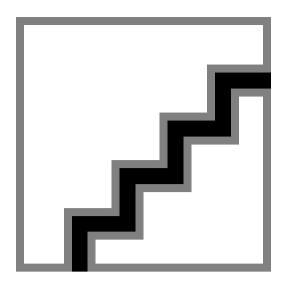
# **PHILIPS** Lighting



## PowerBalance RC600B

### RC600B LED40S/840 POE W60L60 MA GM

PowerBalance RC600B, 117.14 lm/W, 840 neutral white, Power over Ethernet

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                               |
| Glow-wire test           | Temperature 650 °C, duration 30 s |
| Flammability mark        | -                                 |
| CE mark                  | CE mark                           |
| ENEC mark                | -                                 |
| Warranty period          | 3 years                           |
| EU RoHS compliant        | No                                |

| Light Technical                    |                   |
|------------------------------------|-------------------|
| Luminous Flux                      | 4,100 lm          |
| Correlated Color Temperature (Nom) | 4000 K            |
| Luminous Efficacy (rated) (Nom)    | 117.14 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       |
|                                    |                   |

#### PowerBalance RC600B

| Power Consumption                      | 35 W                | Mech. impact protection code   |
|--|---------------------|--------------------------------|
| Power Factor (Fraction)                | 0.9                 | Protection class IEC           |
| Connection                             | Internal connector  |                                |
| Cable                                  | -                   | Initial Performance (IEC Co    |
| Number of products on MCB of 16 A type | ≥B -                | Luminous flux tolerance        |
|  |                     | Initial chromaticity           |
| Temperature                            |                     | Power consumption tolerance    |
| Ambient temperature range              | 0 to +40 °C         |                                |
|  |                     | Over Time Performance (IE      |
| Controls and Dimming                   |                     | Median useful life L70B50      |
| Dimmable                               | Yes                 |                                |
| Control interface                      | Power over Ethernet | Application Conditions         |
| Constant light output                  | No                  | Maximum dim level              |
|  |                     | Suitable for random switching  |
| Mechanical and Housing                 |                     |                                |
| Housing Material                       | Metal               | Product Data                   |
| Reflector material                     | -                   | Order product name             |
| Optic material                         | Polycarbonate       |                                |
| Optical cover material                 | Polycarbonate       | Full product name              |
| Fixation material                      | Steel               |                                |
| Housing Color                          | White               | Full product code              |
| Optical cover finish                   | Opal                | Order code                     |
| Overall length                         | 597 mm              | Material Nr. (12NC)            |
| Overall width                          | 597 mm              | Numerator - Quantity Per Pack  |
| Overall height                         | 69.7 mm             | Numerator - Packs per outer bo |
| Dimensions (Height x Width x Depth)    | 70 x 597 x 597 mm   |                                |

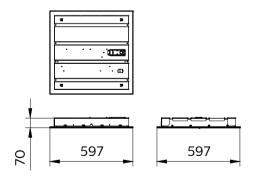
| Mech. impact protection code          | IK03 [0.3 J]                    |  |
|---------------------------------------|---------------------------------|--|
| Protection class IEC                  | Safety class III                |  |
|                                       |                                 |  |
| 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                     | 20%                             |  |
| Suitable for random switching         | Yes                             |  |
|                                       |                                 |  |
| Product Data                          |                                 |  |
| Order product name                    | RC600B LED40S/840 POE W60L60 MA |  |
|                                       | GM                              |  |
| Full product name                     | RC600B LED40S/840 POE W60L60 MA |  |
|                                       | GM                              |  |
| Full product code                     | 911401515141                    |  |
| Order code                            | 911401515141                    |  |
| Material Nr. (12NC)                   | 911401515141                    |  |
| Numerator - Quantity Per Pack         | 1                               |  |
| Numerator - Packs per outer box       | 2                               |  |
|                                       |                                 |  |

#### Approval and Application

Ingress protection code

IP20 [Finger-protected]

#### Dimensional drawing



PowerBalance RC600B



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