



PowerBalance surface-mounted – sustainable performance

PowerBalance, surface mounted

When it comes to lighting an office space with LED luminaires, people are usually willing to invest in sustainability provided the investment pays back. At the same time, the system should comply with office lighting norms to ensure a comfortable working environment. PowerBalance is Philips' most energy-efficient office-norm-compliant LED luminaire. It more than halves energy costs compared to a T5 solution, and the light source has a longer lifetime. This results in significantly lower operational costs, ensuring a payback that meets the needs of the specification market. PowerBalance surface-mounted luminaires are easy to install on ceilings thanks to their intuitive mounting system. PowerBalance is also available in a recessed version.

Benefits

- Extremely efficient office-norm-compliant LED luminaire
- Good-quality lighting solution for direct replacement of T5 luminaires in most indoor applications
- Significantly reduces operational costs, resulting in an attractive payback time

Features

- Easy and intuitive mounting system
- Advanced LED technology
- Available in different shapes and sizes
- Office norm-compliant

Application

- Offices
- Other indoor applications

Specifications

PowerBalance, surface mounted

| | |
|---|---|
| Type | SM461V |
| Light source | Philips LED module PP |
| Power | Square version (W57L57), 4,000 K |
| | LED40S: 28.5 W |
| | LED34S: 24 W |
| | LED28S: 20.5 W |
| | Rectangular version (W17L169), 4,000 K |
| | LED40S: 30 W |
| | LED34S: 26 W |
| | LED28S: 21 W |
| Beam angle | 90° |
| Luminous flux | 2,800, 3,400 or 4,000 lm (depending on configuration) |
| Correlated Colour | 3,000 or 4,000 K |
| Temperature | |
| Colour Rendering Index | > 80 |
| Lumen maintenance at median useful life* 50,000 h | L90 |
| Control gear failure rate at median useful life 50,000 h | 5% |
| Performance Ambient Temperature Tq | +25 °C |

| | |
|------------------------------------|---|
| Operating temperature range | +10 to +40 °C |
| Driver | Built-in |
| Mains voltage | 220-240 V/50 Hz |
| Dimming | DALI Dimmable (PSD) |
| | DALI Dimmable Touch and Dim (PSD-T) |
| Control system input | DALI |
| Options | Emergency lighting (integrated): 1 hour (EL1) or 3 hours (EL3) |
| | Controls: Actilume (ACL) |
| Material | Housing: coated steel and plastic |
| | Rim: powder-coated steel |
| | Optics: plastic |
| Colour | White |
| Optic | Wide beam |
| Connection | Push-in connector with pull relief (PIP) |
| Maintenance | Optical module sealed for life; no internal cleaning required |
| Installation | Square version: individual; locking the luminaire into a pre-mounted ceiling plate (delivered with the luminaire) |
| | Rectangular version: individual or in-line; clicking the luminaire into pre-screwed ceiling brackets |
| | Through-wiring possible |
| Accessories | Dedicated suspension sets for square and rectangular versions |

Product details



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Accessories

Suspension set for rectangular
version

Ordercode 910403218903

