



# SmartBalance – combining performance with smart design

## SmartBalance, suspended

Although in many cases the functional lighting performance is key, customers are also keen to apply luminaires that are attractive and/or unobtrusive. Especially in applications where luminaires need to be surface-mounted or suspended, it can be difficult to satisfy both these requirements. SmartBalance is clearly the next step in surface-mounted and suspended luminaires for the specification market. It not only offers increased energy efficiency, but is also visually appealing without being intrusive. And its design helps to minimise clutter on the ceiling and meets all relevant office norms.

### Benefits

- Operational cost savings – more energy-efficient than fluorescent
- Attractive, unobtrusive design – limits clutter on ceiling
- Office-norm-compliant

### Features

- Energy efficacy > 90 lm/W, allowing energy cost savings of around 30%
- Compact, lightweight and unobtrusive
- Meets UGR 19 and two levels of L65, namely 1500/3000 cd/m<sup>2</sup>
- Offers a number of options to meet the needs of the specification business, such as (wireless) DALI-controllable, emergency lighting, coupling parts

### Application

- Indoor general lighting applications requiring surface or suspended mounting

## SmartBalance, suspended

### Warnings and Safety

- The product is IPX0 and as such is not protected against water ingress, so we strongly recommend that the environment in which the luminaire is to be installed is suitably checked
- If the above advice is not taken and the luminaires are subject to water ingress, Philips/Signify cannot guarantee safe use and the product warranty will become void

### Specifications

<b>Type</b>	SP480P (direct lighting version)
	SP482P (direct/indirect lighting version)
<b>Light source</b>	Philips Fortimo LED Line 1R
<b>Power (+/-10%)</b>	SP480P: 25 W (4,000 K/ACC-MLO)
	SP480P: 30 W (4,000 K/ACC-MLO)
	SP482P: 33.5 W (4,000 K/ACC-MLO)
<b>Luminous flux</b>	3,000, 3,500 or 4,000 lm
<b>Correlated Colour</b>	3,000 or 4,000 K
<b>Temperature</b>	
<b>Colour Rendering Index</b>	>80
<b>Lumen maintenance at median useful life*</b>	L80
<b>50,000 h</b>	
<b>Control gear failure rate</b>	5%
<b>at median useful life</b>	
<b>50,000 h</b>	
<b>Performance Ambient</b>	+25 °C
<b>Temperature Tq</b>	
<b>Operating temperature range</b>	+10 to +35 °C
<b>Driver</b>	Built-in
<b>Mains voltage</b>	220-240 V / 50-60 Hz

<b>Dimming</b>	Dimmable
<b>Control system input</b>	DALI
<b>Options</b>	Emergency lighting: 1.5 hours
	Coupling piece (to connect up to 3 luminaires)
	ActiLume Wireless system
<b>Material</b>	Housing: polycarbonate and sheet metal
	Cover/optic: PMMA or polycarbonate
<b>Colour</b>	White (WH) or silver grey (SI)
<b>Optic</b>	OLC micro-lens optic made of clear acrylic (ACC-MLO)
<b>Connection</b>	Push-in connector (PI)
<b>Maintenance</b>	Optical module sealed for life; no internal cleaning required
<b>Installation</b>	Suspended mounting with a set of single steel-wire suspensions including a power cable, 170 cm
	Suspension set SM1: set with twin metal tubes
	Suspension set SM2: set with ceiling cap and metal tube
	Suspension set SMT1: connection with clips to an exposed T-bar ceiling with two steel-wire suspensions
	Fast fine adjustment with clutch device (Reutlinger)
	Through-wiring possible
	Optional: coupling piece for mechanical and power/data connection of up to three suspended luminaires

### Versions



**SmartBalance Suspended**  
**Mounted - LED Module, system**  
**flux 3500 lm**

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