

# SlimBalance

## SP550P LED40S 840 L120 PSD SD CAU

SlimBalance, 97.56 lm/W, 840 neutral white, DALI

SlimBalance is a full range of product family with sleek and elegant design helps to create attractive and differentiated space for customers. The family covers different length (600mm, 1200mm,1500mm), different end cap (round, square) and different light distribution (direct, indirect). Its office compliant version delivers comfortable light with good quality.

### Warnings and Safety

- The product is IPX0 & as such is not protected against water ingress & as such 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 failure & product warranty will become void

### Product data

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

| Light Technical | |
|---|---|
| **Luminous Flux** | 4,000 lm |
| **Correlated Color Temperature (Nom)** | 4000 K |
| **Luminous Efficacy (rated) (Nom)** | 97.56 lm/W |
| **Color rendering index (CRI)** | >80 |
| **Beam angle of light source** | - degree(s) |
| **Light source color** | 840 neutral white |
| **Optic type** | Wide beam |
| **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** | 22 A |
| **Inrush time** | 275 ms |

# SlimBalance

| | |
|---|---|
| **Power Consumption** | 41 W |
| **Power Factor (Fraction)** | 0.95 |
| **Connection** | Flying leads/wires |
| **Cable** | - |
| **Number of products on MCB of 16 A type B** | 24 |

## Temperature

| | |
|---|---|
| **Ambient temperature range** | -20 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** | Silver |
| **Optical cover finish** | Opal |
| **Overall length** | 1,230 mm |
| **Overall width** | 70 mm |
| **Overall height** | 105 mm |
| **Dimensions (Height x Width x Depth)** | 105 x 70 x 1230 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** | (0.38, 0.38) SDCM< 3 |
| **Power consumption tolerance** | +/-10% |

## Over Time Performance (IEC Compliant)

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

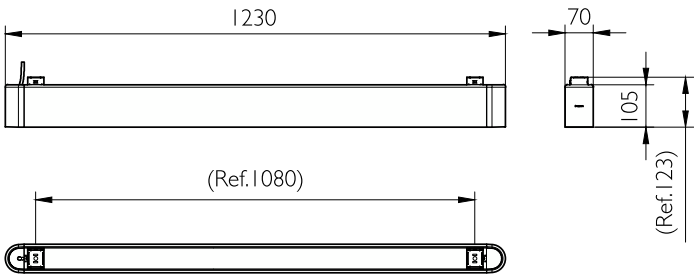
## Application Conditions

| | |
|---|---|
| **Maximum dim level** | 1% |

## Product Data

| | |
|---|---|
| **Order product name** | SP550P LED40S 840 L120 PSD SD CAU |
| **Full product name** | SP550P LED40S 840 L120 PSD SD CAU |
| **Full product code** | 911401530041 |
| **Order code** | 911401530041 |
| **Material Nr. (12NC)** | 911401530041 |
| **Numerator - Quantity Per Pack** | 1 |
| **Numerator - Packs per outer box** | 2 |

## Dimensional drawing






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2023, October 30 - data subject to change