



# SlimBalance

## SM550C LED12S 840 L60 PSD CD

SlimBalance, 89.29 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                                | Correlated Color Temperature (Nom) | 4000 K            |
| Number of gear units     | 1 unit                            | Luminous Efficacy (rated) (Nom)    | 89.29 lm/W        |
| Driver included          | Yes                               | Color rendering index (CRI)        | >80               |
| Light source engine type | LED                               | Beam angle of light source         | - degree(s)       |
| CE mark                  | CE mark                           | Light source color                 | 840 neutral white |
| Warranty period          | 3 years                           | Optic type                         | Wide beam         |
| Flammability mark        | -                                 | Optical cover type                 | Opal              |
| ENEC mark                | -                                 | Luminaire light beam spread        | 120°              |
| Glow-wire test           | Temperature 650 °C, duration 30 s | Operating and Electrical           |                   |
| EU RoHS compliant        | Yes                               | Input Voltage                      | 220/240 V         |
| Light Technical          |                                   | Line Frequency                     | 50 to 60 Hz       |
| Luminous Flux            | 1,250 lm                          | Inrush current                     | 14.7 A            |
|                          |                                   | Inrush time                        | 250 ms            |

|  |                    |
|--|--------------------|
| Power Consumption                        | 14 W               |
| Power Factor (Fraction)                  | 0.95               |
| 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                      | Yes  |
| Driver/power unit/transformer | -    |
| Control interface             | DALI |
| Constant light output         | No   |

Mechanical and Housing

|                        |                   |
|------------------------|-------------------|
| Housing Material       | Aluminum extruded |
| Reflector material     | -                 |
| Optic material         | Polycarbonate     |
| Optical cover material | Polycarbonate     |
| Fixation material      | Steel             |
| Housing Color          | Silver            |
| Optical cover finish   | Opal              |
| Overall length         | 600 mm            |
| Overall width          | 70 mm             |
| Overall height         | 105 mm            |

|                                     |                   |
|-------------------------------------|-------------------|
| Dimensions (Height x Width x Depth) | 105 x 70 x 600 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%               |

Application Conditions

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

Product Data

|                                 |                              |
|---------------------------------|------------------------------|
| Order product name              | SM550C LED12S 840 L60 PSD CD |
| Full product name               | SM550C LED12S 840 L60 PSD CD |
| Full product code               | 911401522541                 |
| Order code                      | 01522541                     |
| Material Nr. (12NC)             | 911401522541                 |
| Numerator - Quantity Per Pack   | 1                            |
| Numerator - Packs per outer box | 2                            |

Dimensional drawing



