



# SlimBalance

## SP550P LED28S 840 L120 PSU SI SQ

Wide beam - Opal - 120° -

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           |                    | Glow-wire test                           |             |
|-------------------------------|--------------------|--|-------------|
| Beam angle of light source    | - °                | Flammability mark                        | -           |
| Light source color            | 840 neutral white  | CE mark                                  | CE mark     |
| Light source replaceable      | No                 | ENEC mark                                | -           |
| Number of gear units          | 1 unit             | Warranty period                          | 3 years     |
| Driver/power unit/transformer | -                  | Constant light output                    | No          |
| Driver included               | Yes                | Number of products on MCB of 16 A type B | 24          |
| Optic type                    | Wide beam          | EU RoHS compliant                        | Yes         |
| Optical cover/lens type       | Opal               | Light source engine type                 | LED         |
| Luminaire light beam spread   | 120°               | Operating and electrical                 |             |
| Control interface             | -                  | Input Voltage                            | 220/240 V   |
| Connection                    | Flying leads/wires | Input Frequency                          | 50 to 60 Hz |
| Cable                         | -                  | Inrush current                           | 19 A        |
| Protection class IEC          | Safety class I     |  |             |

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|                    |        |
|--------------------|--------|
| Inrush time        | 280 ms |
| Power Factor (Min) | 0.95   |

## Controls and dimming

|          |    |
|----------|----|
| Dimmable | No |
|----------|----|

## Mechanical and housing

|                             |               |
|-----------------------------|---------------|
| Housing Material            | Metal         |
| Reflector material          | -             |
| Optic material              | Polycarbonate |
| Optical cover/lens material | Polycarbonate |
| Fixation material           | Steel         |
| Optical cover/lens finish   | Opal          |
| Overall length              | 1230 mm       |
| Overall width               | 70 mm         |
| Overall height              | 105 mm        |
| Color                       | Silver        |

## Approval and application

|                              |                          |
|------------------------------|--------------------------|
| Ingress protection code      | IP20 [ Finger-protected] |
| Mech. impact protection code | IK03 [ 0.3 J]            |

## Initial performance (IEC compliant)

|                                     |         |
|-------------------------------------|---------|
| Initial luminous flux (system flux) | 2800 lm |
| Luminous flux tolerance             | +/-10%  |

|                                |                                     |
|--------------------------------|-------------------------------------|
| Initial LED luminaire efficacy | 107.69 lm/W                         |
| Init. Corr. Color Temperature  | 4000 K                              |
| Init. Color Rendering Index    | >80                                 |
| Initial chromaticity           | (0.38, 0.38) SDCM< 3 ( upright< 4 ) |
| Initial input power            | 26 W                                |
| Power consumption tolerance    | +/-10%                              |

## Over time performance (IEC compliant)

|                           |         |
|---------------------------|---------|
| Median useful life L70B50 | 50000 h |
|---------------------------|---------|

## Application conditions

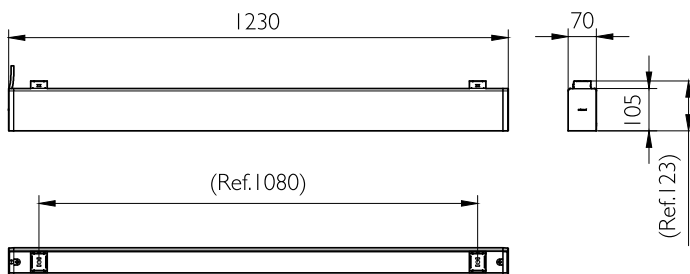
|                           |                |
|---------------------------|----------------|
| Ambient temperature range | -20 to +40 °C  |
| Maximum dim level         | Not applicable |

## Product data

|                                 |                                  |
|---------------------------------|----------------------------------|
| Full product code               | 911401528741                     |
| Order product name              | SP550P LED28S 840 L120 PSU SI SQ |
| Order code                      | 911401528741                     |
| Numerator - Quantity Per Pack   | 1                                |
| Numerator - Packs per outer box | 2                                |
| Material Nr. (12NC)             | 911401528741                     |
| Copy Net Weight (Piece)         | 3.300 kg                         |



## Dimensional drawing



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