

# SlimBalance

## SP550P LED40S 840 L120 PSD CD GM

- - 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 and 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 and product warranty will become void

### Product data

| General information           |                          | Operating and electrical                |                                             |
|-------------------------------|--------------------------|-----------------------------------------|---------------------------------------------|
| Beam angle of light source    | - °                      | Glow-wire test                          | 650/30 [ Temperature 650 °C, duration 30 s] |
| Lamp colour code              | 840 neutral white        | Flammability mark                       | NO [-]                                      |
| Light source replaceable      | No                       | CE mark                                 | CE mark                                     |
| Number of gear units          | 1 unit                   | ENEC mark                               | -                                           |
| Driver/power unit/transformer | No [-]                   | Warranty period                         | 3 years                                     |
| Driver included               | Yes                      | Constant light output                   | No                                          |
| Optic type                    | WB [ Wide beam]          | Number of products on MCB (16 A type B) | 24                                          |
| Optical cover/lens type       | O [ Opal]                | EU RoHS compliant                       | Yes                                         |
| Luminaire light beam spread   | 120°                     | Light source engine type                | LED                                         |
| Control interface             | DALI                     |                                         |                                             |
| Connection                    | CI [ Internal connector] | Input Voltage                           | 220/240 V                                   |
| Cable                         | -                        | Input frequency                         | 50 to 60 Hz                                 |
| Protection class IEC          | Safety class I (I)       | Inrush current                          | 22 A                                        |

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|                     |        |
|---------------------|--------|
| Inrush time         | 275 ms |
| Power factor (min.) | 0.95   |

## Controls and dimming

|          |     |
|----------|-----|
| Dimmable | Yes |
|----------|-----|

## 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              | 1200 mm       |
| Overall width               | 70 mm         |
| Overall height              | 105 mm        |
| Colour                      | 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) | 4000 lm |
| Luminous flux tolerance             | +/-10%  |

|                                |                      |
|--------------------------------|----------------------|
| Initial LED luminaire efficacy | 97.56 lm/W           |
| Lamp colour temperature        | 4000 K               |
| Colour Rendering Index         | >80                  |
| Initial chromaticity           | (0.38, 0.38) SDCM< 3 |
| Initial input power            | 41 W                 |
| Power consumption tolerance    | +/-10%               |

## Over time performance (IEC compliant)

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

## Application conditions

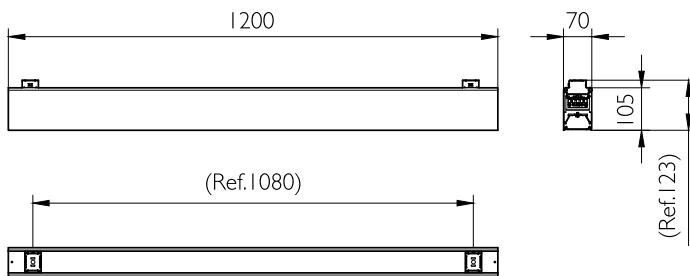
|                           |               |
|---------------------------|---------------|
| Ambient temperature range | -20 to +40 °C |
| Maximum dimming level     | 1%            |

## Product data

|                                   |                                  |
|-----------------------------------|----------------------------------|
| Full product code                 | 911401524841                     |
| Order product name                | SP550P LED40S 840 L120 PSD CD GM |
| Order code                        | 911401524841                     |
| SAP numerator – quantity per pack | 1                                |
| Numerator – packs per outer box   | 2                                |
| SAP material                      | 911401524841                     |
| Net Weight (Piece)                | 3.799 kg                         |



## Dimensional drawing



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