PHILIPS

Lighting



# SlimBalance G3

## SM570C LED50/840 L150W9 CD PSU

SlimBalance G3, Mounting bracket, 129 lm/W, 840 neutral white

SlimBalance G3 SP570P is a flexible linear office offer which fits a variety of spaces like office, education. It offers flexible width of 35/60/90/120mm and length of 600/1200/1500mm to fit multiple applications. Geometric shapes help further create differentiated space. By means of its special designed structure, it offers quick and easy installation and maintenance. UGR19 is available for certain types through customized solution to provide a better visual comfort office environment.

### Product data

| General Information | |
|---|---|
| **Number of gear units** | 1 unit |
| **Gear** | - |
| **Driver included** | Yes |
| **Light source engine type** | LED |
| **Service tag** | Yes |
| **Value ladder** | Performance |
| **Warranty period** | 3 years |

| Light Technical | |
|---|---|
| **Luminous Flux** | 5,240 lm |
| **Correlated Color Temperature (Nom)** | 4000 K |
| **Luminous Efficacy (rated) (Nom)** | 129 lm/W |
| **Color rendering index (CRI)** | 80 |
| **Number of light sources** | 2 |
| **Beam angle of light source** | 120 degree(s) |
| **Light source color** | 840 neutral white |
| **Optic type** | Beam angle 100° |
| **Luminaire light beam spread** | 100° |

| | |
|---|---|
| **Effective projected area** | 0.105 m² |

| Operating and Electrical | |
|---|---|
| **Input Voltage** | 220 to 240 V |
| **Line Frequency** | 50 or 60 Hz |
| **Inrush current** | 18 A |
| **Inrush time** | 0.238 ms |
| **Power Consumption** | 40.5 W |
| **Power Factor (Fraction)** | 0.9 |
| **Connection** | Connection unit 3-pole |
| **Cable** | Cable 0.2 m with cable connector |
| **Number of products on MCB of 16 A type B** | 24 |
| **Suitable for random switching** | No |
| **Protection class IEC** | Safety class I |

| Controls and Dimming | |
|---|---|
| **Dimmable** | No |
| **Control interface** | - |

# SlimBalance G3

| | |
|---|---|
| **Maximum dim level** | Not applicable |

## Mechanical and Housing

| | |
|---|---|
| **Housing Material** | Aluminum |
| **Reflector material** | - |
| **Optic material** | Polycarbonate |
| **Optical cover material** | Polycarbonate |
| **Housing Color** | White |
| **Mounting device** | Mounting bracket |
| **Optical cover finish** | Opal |
| **Overall length** | 158.9 mm |
| **Overall width** | 9 mm |
| **Overall height** | 8.22 mm |
| **Dimensions (Height x Width x Depth)** | 8 x 9 x 159 mm |
| **Ingress protection code** | IP20 [Finger-protected] |
| **Mech. impact protection code** | IK03 [0.3 J] |
| **Optical cover type** | Opal |
| **Net Weight (Piece)** | 3.390 kg |

## Approval and Application

| | |
|---|---|
| **Glow-wire test** | Temperature 650 °C, duration 30 s |
| **Flammability mark** | For mounting on normally flammable surfaces |
| **CE mark** | Yes |
| **ENEC mark** | - |
| **Photobiological risk** | Photobiological risk group 1 @200mm to EN62778 |
| **EU RoHS compliant** | No |
| **Performance ambient temperature Tq** | 25 °C |
| **Ambient temperature range** | -20 °C to 40 °C |

## Initial Performance (IEC Compliant)

| | |
|---|---|
| **Luminous flux tolerance** | -10% / +10% |
| **Initial chromaticity** | SDCM<=4 |
| **Power consumption tolerance** | +/-10% |

## Product Data

| | |
|---|---|
| **Order product name** | SM570C LED50/840 L150W9 CD PSU |
| **Full product name** | SM570C LED50/840 L150W9 CD PSU |
| **Order code** | 911401545342 |
| **Material Nr. (12NC)** | 911401545342 |
| **Numerator - Quantity Per Pack** | 1 |
| **Numerator - Packs per outer box** | 2 |

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