# Ledinaire Surface-mounted SM060C

## SM060C LED32S/840 PSU W20L120

LED Module, system flux 3200 lm - White - Power supply unit - Width 0.20 m, length 1.20 m

The Ledinaire range contains a selection of popular off-the-shelf LED luminaires that comes with the high Philips quality levels at a competitive price. Reliable, energy efficient and affordable – just what you need.

## Product data

### General Information

| | |
|---|---|
| Number of light sources | 1 pc |
| Lamp family code | LED32S [ LED Module, system flux 3200 lm] |
| Beam angle of light source | - ° |
| Light source color | White |
| Cap-Base | - [ -] |
| Light source replaceable | No |
| Number of gear units | 1 unit |
| Gear | - |
| Driver/power unit/transformer | Power supply unit |
| Driver included | Yes |
| Optic type | - |
| Optical cover/lens type | Acrylic bowl/cover frosted |
| Luminaire light beam spread | 108° |
| Connection | Push-in connector and pull relief |
| Cable | - |

### (Protection and marks)

| | |
|---|---|
| Protection class IEC | Safety class I |
| Glow-wire test | Temperature 650 °C, duration 30 s |
| Flammability mark | - |
| CE mark | CE mark |
| ENEC mark | - |
| UL mark | - |
| Warranty period | 3 years |
| Constant light output | No |
| Number of products on MCB of 16 A type B | 24 |
| RoHS mark | RoHS mark |

### Operating and Electrical

| | |
|---|---|
| Input Voltage | 220-240 V |
| Input Frequency | 50 to 60 Hz |
| Inrush current | 5.3 A |
| Inrush time | 7 ms |

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| | |
|---|---|
| Power Factor (Min) | 0.9 |
| Power Factor (Nom) | 0.9 |

## Controls and Dimming

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

## Mechanical and Housing

| | |
|---|---|
| Geometry | Width 0.20 m, length 1.20 m |
| Housing Material | Steel |
| Reflector material | - |
| Optic material | - |
| Optical cover/lens material | Polymethyl methacrylate |
| Fixation material | Steel |
| Optical cover/lens finish | Opal |
| Overall length | 1200 mm |
| Overall width | 200 mm |
| Overall height | 53 mm |

## 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) | 3200 lm |
| Luminous flux tolerance | +/-10% |
| Initial LED luminaire efficacy | 89 lm/W |
| Init. Corr. Color Temperature | 4000 K |
| Init. Color Rendering Index | ≥80 |

| | |
|---|---|
| Initial chromaticy | (0.38, 0.38) SDCM <5 |
| Initial input power | 36 W |
| Power consumption tolerance | +/-10% |

## Over Time Performance (IEC Compliant)

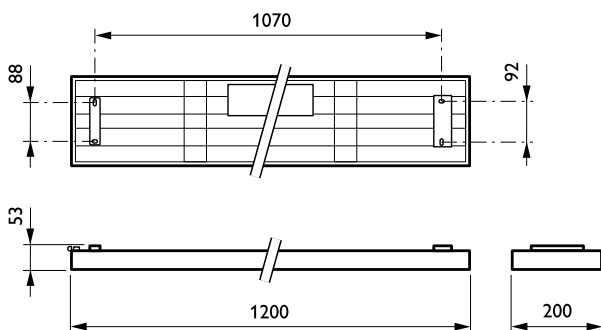| | |
|---|---|
| Driver failure rate at 5000 h | 1.5 % |
| Median useful life L70B50 | 30000 h |
| Median useful life L80B50 | 15000 h |
| Median useful life L90B50 | 10000 h |

## Application Conditions

| | |
|---|---|
| Ambient temperature range | +10 to +40 °C |
| Average ambient temperature | 25 °C |
| Suitable for random switching | No |

## Product Data

| | |
|---|---|
| Full product code | 871869606962200 |
| Order product name | SM060C LED32S/840 PSU W20L120 |
| EAN/UPC - Product | 8718696069622 |
| Order code | 910503910206 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 1 |
| Material Nr. (12NC) | 910503910206 |
| Net Weight (Piece) | 2.760 kg |

## Dimensional drawing



Surface-mounted SM060C

www.lighting.philips.com

2017, October 2 - data subject to change