



# Ledinaire surface-mounted

## SM060C LED34S/840 PSU W20L120 NOC

- 840 neutral white - Power supply unit (ON/OFF)

The Philips Ledinaire surface-mounted (SM060C) is a range of popular off-the-shelf LED luminaires that come with Philips high quality levels at a competitive price. Reliable, energy efficient and affordable, Ledinaire surface-mounted luminaires are designed for diffuse, comfortable lighting in a wide range of general lighting applications – just what you need.

### Product data

| General Information                |                   | Luminaire light beam spread              |                          |
|------------------------------------|-------------------|--|--------------------------|
| Light source replaceable           | No                | Luminaire light beam spread              | 110°                     |
| Number of gear units               | 1 unit            | Unified glare rating CEN                 | 25                       |
| Driver included                    | Yes               | Operating and Electrical                 |                          |
| Lighting Technology                | LED               | Input Voltage                            | 220-240 V                |
| Value ladder                       | Value             | Line Frequency                           | 50 or 60 Hz              |
|                                    |                   | Input Frequency                          | 50 or 60 Hz              |
|                                    |                   | Initial CLO power consumption            | - W                      |
|                                    |                   | Average CLO power consumption            | - W                      |
|                                    |                   | Power Consumption                        | 34 W                     |
|                                    |                   | Inrush current                           | 10.8 A                   |
|                                    |                   | Inrush time                              | 0.036 ms                 |
|                                    |                   | Power Factor (Fraction)                  | 0.9                      |
|                                    |                   | Connection                               | Push-in connector 3-pole |
|                                    |                   | Cable                                    | -                        |
|                                    |                   | Number of products on MCB of 16 A type B | 24                       |
| Light Technical                    |                   |  |                          |
| Luminous Flux                      | 3,400 lumen       |  |                          |
| Correlated Color Temperature (Nom) | 4000 K            |  |                          |
| Luminous Efficacy (rated) (Nom)    | 100 lm/W          |  |                          |
| Color rendering index (CRI)        | >80               |  |                          |
| Flickering value (PstLM)           | 1                 |  |                          |
| Stroboscopic effect value (SVM)    | 1.6               |  |                          |
| Beam angle of light source         | 110 degree(s)     |  |                          |
| Light source color                 | 840 neutral white |  |                          |
| Optic type                         | Beam angle 110°   |  |                          |

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| Temperature                         |  |
|-------------------------------------|--|
| Ambient temperature range           | +10 to +40 °C                                  |
| Controls and Dimming                |  |
| Dimmable                            | No   |
| Driver/power unit/transformer       | Power supply unit (ON/OFF)                     |
| Control interface                   | -  |
| Constant light output               | No   |
| Mechanical and Housing              |  |
| Housing Material                    | Steel  |
| Reflector material                  | Steel  |
| Optic material                      | Polymethyl methacrylate                        |
| Optical cover/lens material         | Polymethyl methacrylate                        |
| Fixation material                   | Steel  |
| Housing Color                       | White  |
| Optical cover/lens finish           | Opal   |
| Overall length                      | 1,200 mm                                       |
| Overall width                       | 200 mm   |
| Overall height                      | 53 mm  |
| Dimensions (Height x Width x Depth) | 53 x 200 x 1200 mm                             |
| Approval and Application            |  |
| Ingress protection code             | IP20 [Finger-protected]                        |
| Mech. impact protection code        | IK03 [0.3 J]                                   |
| Sustainability rating               | -  |
| Protection class IEC                | Safety class I                                 |
| Glow-wire test                      | Temperature 650 °C, duration 30 s              |
| Flammability mark                   | For mounting on normally flammable surfaces    |
| CE mark                             | Yes  |
| ENEC mark                           | -  |
| Warranty period                     | 3 years  |
| Photobiological risk                | Photobiological risk group 0 @200mm to EN62778 |

|                   |     |
|-------------------|-----|
| EU RoHS compliant | Yes |
|-------------------|-----|

| Initial Performance (IEC Compliant) |        |
|-------------------------------------|--------|
| Luminous flux tolerance             | +/-10% |
| Initial chromaticity                | SDCM<5 |
| Power consumption tolerance         | +/-10% |

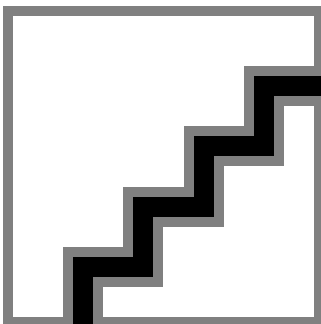
| Over Time Performance (IEC Compliant)                   |         |
|---|---------|
| Driver failure rate at 5000 h                           | 0.005 % |
| Control gear failure rate at median useful life 50000 h | 0.075 % |
| Lumen maintenance at median useful life* 50000 h        | 75      |
| Lumen maintenance at median useful life* 75000 h        | 65      |

| Application Conditions             |                |
|------------------------------------|----------------|
| Performance ambient temperature Tq | 25 °C          |
| Maximum dim level                  | Not applicable |
| Suitable for random switching      | Yes            |

| Product Data                    |                               |
|---------------------------------|-------------------------------|
| Full product code               | 871869606962200               |
| Order product name              | SM060C LED34S/840 PSU W20L120 |
|                                 | NOC                           |
| Order code                      | 911401850680                  |
| Numerator - Quantity Per Pack   | 1                             |
| Numerator - Packs per outer box | 1                             |
| Material number (12NC)          | 911401850680                  |
| Full product name               | SM060C LED34S/840 PSU W20L120 |
|                                 | NOC                           |
| EAN/UPC - Case                  | 8718696069622                 |



## Dimensional drawing



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