



CoreLine surface-mounted

SM134V LED27S/830 PSU W20L120 NOC

CoreLine surface-mounted, 28.5 W, 1200x200 mm, 2700 lm, 3000 K

Whether for a new building or renovation of an existing space, customers want lighting solutions that provide quality of light and substantial energy and maintenance savings. The new CoreLine Surface-mounted range of LED products can be used to replace functional luminaires in general lighting applications. The process of selecting, installing and maintaining is so easy – it's a simple switch.

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 | | | |
|--------------------------|---|---------------------|---|
| Light source replaceable | No | | B10. Therefore, the median useful life (B50) value also represents the B10 value. |
| Number of gear units | 1 unit | Service tag | Yes |
| Driver included | Yes | Product family code | SM134V [Coreline Surface] |
| Remarks | *-Per Lighting Europe guidance paper "Evaluating performance of LED based luminaires - January 2018": statistically there is no relevant difference in lumen maintenance between B50 and for example | Lighting Technology | LED |
| | | Value ladder | Performance |
| | | CE mark | Yes |
| | | Warranty period | 5 years |
| | | Flammability mark | For mounting on normally flammable surfaces |

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| | |
|-------------------|-----------------------------------|
| ENEC mark | ENEC mark |
| Glow-wire test | Temperature 850 °C, duration 30 s |
| EU RoHS compliant | Yes |

Light Technical

| | |
|------------------------------------|----------------|
| Luminous Flux | 2,700 lm |
| Correlated Color Temperature (Nom) | 3000 K |
| Luminous Efficacy (rated) (Nom) | 95 lm/W |
| Color rendering index (CRI) | ≥80 |
| Light source color | 830 warm white |
| Optic type | Wide beam |
| Luminaire light beam spread | 93° |
| Unified glare rating CEN | 22 |

Operating and Electrical

| | |
|--|-----------------------------------|
| Input Voltage | 220-240 V |
| Line Frequency | 50 to 60 Hz |
| Inrush current | 14 A |
| Inrush time | 0.25 ms |
| Power Consumption | 28.5 W |
| Power Factor (Fraction) | 0.9 |
| Connection | Push-in connector and pull relief |
| Cable | - |
| Number of products on MCB of 16 A type B | 33 |

Temperature

| | |
|---------------------------|---------------|
| Ambient temperature range | +10 to +40 °C |
|---------------------------|---------------|

Controls and Dimming

| | |
|-------------------------------|----------------------------|
| Dimmable | No |
| Driver/power unit/transformer | Power supply unit (On/Off) |
| Constant light output | No |

Mechanical and Housing

| | |
|------------------------|---------------|
| Housing Material | Steel |
| Reflector material | Polycarbonate |
| Optic material | Polycarbonate |
| Optical cover material | Polycarbonate |
| Fixation material | Steel |

| | |
|-------------------------------------|--------------------|
| Housing Color | White |
| Optical cover finish | Textured |
| Overall length | 1,170 mm |
| Overall width | 197 mm |
| Overall height | 47 mm |
| Dimensions (Height x Width x Depth) | 47 x 197 x 1170 mm |

Approval and Application

| | |
|------------------------------|-------------------------|
| Ingress protection code | IP20 [Finger-protected] |
| Mech. impact protection code | IK02 [0.2 J standard] |
| Sustainability rating | - |
| Protection class IEC | Safety class I |

Initial Performance (IEC Compliant)

| | |
|-----------------------------|----------------------|
| Luminous flux tolerance | +/-8% |
| Initial chromaticity | (0.43, 0.40) SDCM <3 |
| Power consumption tolerance | +/-10% |

Over Time Performance (IEC Compliant)

| | |
|---|-----|
| Control gear failure rate at median useful life 50000 h | 5 % |
| Lumen maintenance at median useful life* 50000 h | L75 |

Application Conditions

| | |
|------------------------------------|-------|
| Performance ambient temperature Tq | 25 °C |
| Suitable for random switching | Yes |

Product Data

| | |
|---------------------------------|-----------------------------------|
| Order product name | SM134V LED27S/830 PSU W20L120 NOC |
| Full product name | SM134V LED27S/830 PSU W20L120 NOC |
| Full product code | 871869934854000 |
| Order code | 34854000 |
| Material Nr. (12NC) | 910925864813 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8718699348540 |
| Numerator - Packs per outer box | 1 |
| EAN/UPC - Case | 8718699348540 |

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Dimensional drawing

