



CoreLine surfacemounted

SM134V LED27S/830 PSD W20L120 NOC

CoreLine surface-mounted, 30.5 W, 1200x200 mm, 2700 lm, 3000 K, DALI

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.Coreline Surface Mounted also provides the option of advanced connectivity and is ready to be connected to IoT based software applications such as Interact Pro.

Warnings and Safety

- The product is IPXO and as such is not protected against water ingress, so 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 | | | statistically there is no relevant difference in |
|--------------------------|-------------------------------------------|---------------------|--------------------------------------------------|
| Light source replaceable | No | | lumen maintenance between the B50 and, |
| Number of gear units | Unit | | for example, the B10. Therefore, the median |
| Driver included | Yes | | useful life (B50) value also represents the |
| Remarks | *- According to the Lighting Europe | | B10 value. |
| | guidance paper 'Evaluating performance of | Product family code | SM134V [Coreline Surface] |
| | LED based luminaires – January 2018': | Lighting Technology | LED |

CoreLine surface-mounted

| Value ladder | Performance |
|-----------------------------|------------------------------------|
| CE mark | Yes |
| Warranty period | 5 years |
| Flammability mark | For mounting on normally flammable |
| | surfaces |
| | surfaces |
| ENEC mark | ENEC mark |
| ENEC mark Glow-wire test | |
| | ENEC mark |

2,700 lm

3000 K

89 lm/W

830 warm white

Wide beam

≥80

93°

22

| Fixation material | Steel |
|-------------------------------------|--------------------|
| Housing Colour | White |
| Optical cover/lens 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 |
| | |

Polycarbonate

Approval and Application

Optical cover/lens material

| 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 | 5 % |
|--------------------------------------------|-----|
| life 50,000 h | |
| Lumen maintenance at median useful life* | L75 |
| 50,000 h | |

| Application Conditions | |
|------------------------------------|-------|
| Performance ambient temperature Tq | 25 °C |
| Maximum dim level | 1% |
| Suitable for random switching | Yes |
| | |

Product Data

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|-----------------------------------|-----------------------------------|
| Order product name | SM134V LED27S/830 PSD W20L120 NOC |
| Full product name | SM134V LED27S/830 PSD W20L120 NOC |
| Full EOC | 871869934860100 |
| Order code | 34860100 |
| Material no. (12 NC) | 910925864819 |
| SAP numerator – quantity per pack | 1 |
| EAN/UPC — Product/Case | 8718699348601 |
| Numerator – packs per outer box | 1 |
| EAN/UPC - Case | 8718699348601 |

Optic type Luminaire light beam spread

Unified Glare Rating (CEN)

Light source colour

Correlated Colour Temperature

Luminous efficacy (rated) (nom.)

Colour rendering index (CRI)

Light Technical

Luminous Flux

| Operating | and | Electrical |
|-----------|-----|------------|
| | | |

| Input Voltage | 220-240 V |
|----------------------------------------|-----------------------------------|
| Line Frequency | 50 to 60 Hz |
| Inrush current | 14.7 A |
| Inrush time | 0.25 ms |
| Power Consumption | 30.5 W |
| Power Factor (Fraction) | 0.9 |
| Connection | Push-in connector and pull relief |
| Cable | - |
| Number of products on MCB of 16 A type | 38 |

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Temperature

Ambient temperature range

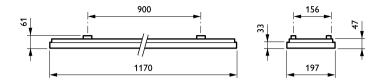
Controls and Dimming

| Yes |
|---------------------------------------|
| Power supply unit with DALI interface |
| DALI |
| No |
| |
| |
| Steel |
| Polycarbonate |
| Polycarbonate |
| |

+10 to +40 °C

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Dimensional drawing





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