



CoreLine surfacemounted

SM134V LED37S/840 PSD W60L60 NOC

CoreLine surface-mounted, 35.5 W, 600x600 mm, 3700 lm, 4000 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 |
| | |
| ENEC mark | ENEC mark |
| ENEC mark Glow-wire test | ENEC mark Temperature 850 °C, duration 30 s |
| | |

3,700 lm

4000 K

≥80

93° 22

104 lm/W

Wide beam

840 neutral white

| Optical cover/lens material | Polycarbonate |
|-------------------------------------|-------------------|
| Fixation material | Steel |
| Housing Colour | White |
| Optical cover/lens finish | Textured |
| Overall length | 600 mm |
| Overall width | 600 mm |
| Overall height | 47 mm |
| Dimensions (height x width x depth) | 47 x 600 x 600 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% |
| 1 | (0.30, 0.30) CDCM, (3 |

| Initial chromaticity | (0.38, 0.38) 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* | 1.75 |
| Editeri maintenance at median aserat are | L/5 |

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

Product Data

| Troduct Data | |
|-----------------------------------|----------------------------------|
| Order product name | SM134V LED37S/840 PSD W60L60 NOC |
| Full product name | SM134V LED37S/840 PSD W60L60 NOC |
| Full EOC | 871869934855700 |
| Order code | 34855700 |
| Material no. (12 NC) | 910925864814 |
| SAP numerator – quantity per pack | 1 |
| EAN/UPC — Product/Case | 8718699348557 |
| Numerator – packs per outer box | 1 |
| EAN/UPC - Case | 8718699348557 |

| Luminaire light beam spread | |
|-----------------------------|--|
| Unified Glare Rating (CEN) | |

Correlated Colour Temperature

Luminous efficacy (rated) (nom.)

Colour rendering index (CRI)

Light Technical

Light source colour

Optic type

Luminous Flux

Operating and Electrical

| Input Voltage | 220-240 V |
|--|-----------------------------------|
| Line Frequency | 50 to 60 Hz |
| Inrush current | 22 A |
| Inrush time | 0.275 ms |
| Power Consumption | 35.5 W |
| Power Factor (Fraction) | 0.9 |
| Connection | Push-in connector and pull relief |
| Cable | - |
| Number of products on MCB of 16 A type | 24 |

+10 to +40 °C

в

Temperature

Ambient temperature range

Controls and Dimming Dimmable Yes Driver/power unit/transformer Power supply unit with DALI interface Control interface DALI

Mechanical and Housing

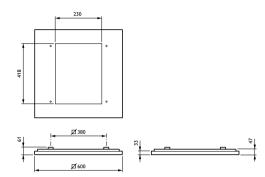
Constant light output

| Housing material | Steel |
|--------------------|---------------|
| Reflector material | Polycarbonate |
| Optic material | Polycarbonate |

No

CoreLine surface-mounted

Dimensional drawing





© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.

www.lighting.philips.com 2023, December 4 - data subject to change