



# CoreLine surface-mounted

## SM134V LED37S/830 PSU W60L60 NOC

CoreLine surface-mounted, 34 W, 600x600 mm, 3700 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<br>"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                      | 3,700 lm       |
| Correlated Color Temperature (Nom) | 3000 K         |
| Luminous Efficacy (rated) (Nom)    | 109 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                           | 8 A                               |
| Inrush time                              | 0.06 ms                           |
| Power Consumption                        | 34 W                              |
| Power Factor (Fraction)                  | 0.9                               |
| Connection                               | Push-in connector and pull relief |
| Cable                                    | -                                 |
| Number of products on MCB of 16 A type B | 24                                |

### 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                      | 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%                |
| 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 LED37S/830 PSU W60L60 NOC |
| Full product name               | SM134V LED37S/830 PSU W60L60 NOC |
| Full product code               | 871869934851900                  |
| Order code                      | 34851900                         |
| Material Nr. (12NC)             | 910925864810                     |
| Numerator - Quantity Per Pack   | 1                                |
| EAN/UPC - Product/Case          | 8718699348519                    |
| Numerator - Packs per outer box | 1                                |
| EAN/UPC - Case                  | 8718699348519                    |

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Dimensional drawing

