



# CoreLine surface mounted gen 4

SM136V G4 36\_45\_60S/840 PSU W20L120 NOC

CoreLine surface mounted gen 4, All-in, 38.5 W, 23 W, 200x1200 mm, 3600 lm, 4500 lm, 6000 lm, 4000 K

Introducing Philips CoreLine surface-mounted gen4, a family of high-quality and innovative light fixtures designed to deliver energy-efficient and long-lasting illumination for your home or office. With higher lumen packages up to 6800 lm, improved efficiency of up to 160 lm/W, and a longer lifetime of L90@50K hrs/ L80@100K hrs, our CoreLine family provides bright and long-lasting illumination. Our surface-mounted light fixtures feature DC plugs in all versions, packaging from a single box to 4-in-1, and plastics-free packaging, making them eco-friendly and cost-effective. Our CoreLine surface-mounted gen4 features the same green quick connectors as the CoreLine panel, and is compatible with Wieland GSTi3 and GST/5 connectors. Upgrade your lighting today with Philips CoreLine surface-mounted gen4, a high-quality and innovative solution that delivers on the Philips promise of energy-efficient and long-lasting illumination.

## Product data

| General Information   |   |
|-----------------------|---|
| Number of gear units  | 1 unit  |
| Driver included       | Yes   |
| Value ladder          | Performance   |
| Serviceability class  | Class C, luminaire without serviceable parts, not serviceable |
| Warranty period       | 5 years   |
| Sustainability rating | -   |

| Light Technical                    |                      |
|------------------------------------|----------------------|
| Luminous Flux                      | 3,600 4,500 6,000 lm |
| Correlated Color Temperature (Nom) | 4000 K               |
| Luminous Efficacy (rated) (Nom)    | 157 155 lm/W         |
| Color rendering index (CRI)        | >80                  |
| Light source color                 | 840 neutral white    |
| Optic type                         | Very wide beam       |
| Luminaire light beam spread        | 100°                 |
| Unified glare rating CEN           | 25                   |

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| All-in Type                              | All-in, Multi Lumen                                      |
| Operating and Electrical                 |  |
| Input Voltage                            | 220-240 V  |
| Line Frequency                           | 50 or 60 Hz  |
| Inrush current                           | 25 A   |
| Inrush time                              | 0.15 ms  |
| Power Consumption                        | 38.5 23 W  |
| Power Factor (Fraction)                  | 0.9  |
| Connection                               | Push-in connector 3-pole                                 |
| Cable                                    | Cable with connector 3-pole                              |
| Number of products on MCB of 16 A type B | 38   |
| Suitable for random switching            | No   |
| Protection class IEC                     | Safety class II  |
| 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                       | Steel  |
| Optic material                           | Polycarbonate  |
| Optical cover material                   | Polycarbonate  |
| Fixation material                        | -  |
| Housing Color                            | White  |
| Optical cover finish                     | Frosted  |
| 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                                       |
| Ingress protection code                  | IP20/44 [Finger-protected; wire-protected, splash-proof] |
| Mech. impact protection code             | IK03 [0.35 J reinforced]                                 |
| Mounting                                 | Surface  |
| Net Weight (Piece)                       | 3.370 kg   |
| Approval and Application                 |  |
| Glow-wire test                           | Temperature 650 °C, duration 30 s                        |

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| Flammability mark  | For mounting on normally flammable surfaces    |
| CE mark  | Yes  |
| ENEC mark  | KEMA Netherlands                               |
| Photobiological risk   | Photobiological risk group 0 @200mm to EN62778 |
| EU RoHS compliant  | Yes  |
| Performance ambient temperature Tq                                   | 25 °C  |
| Ambient temperature range  | -10 to +40 °C                                  |
| Initial Performance (IEC Compliant)                                  |  |
| Luminous flux tolerance  | +/-10%   |
| Initial chromaticity   | (0.38,0.38)SDCM<3                              |
| Power consumption tolerance  | +/-10%   |
| Over Time Performance (IEC Compliant)                                |  |
| Control gear failure rate at median useful life 50000 h              | 5 %  |
| Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h  | L90  |
| Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h | L80  |
| Product Data   |  |
| Order product name   | SM136V G4 36_45_60S/840 PSU W20L120 NOC        |
| Full product name  | SM136V G4 36_45_60S/840 PSU W20L120 NOC        |
| Full product code  | 872016976421799                                |
| Order code   | 76421799                                       |
| Material Nr. (12NC)  | 911401841687                                   |
| Numerator - Quantity Per Pack  | 1  |
| EAN/UPC - Product/Case   | 8720169764217                                  |
| Numerator - Packs per outer box                                      | 4  |
| EAN/UPC - Case   | 8720169764491                                  |

