



CoreLine surface mounted gen 4

SM136V G4 36_45_60S/840 PSU W20L120 OC

CoreLine surface mounted gen 4, All-in, 38.5 W, 23 W, 200x1200 mm, 3600 lm, 4500 lm, 6000 lm, 4000 K, UGR19

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		Luminous efficacy (rated) (nom.)	
Number of gear units	Unit		157 155 lm/W
Driver included	Yes	Colour rendering index (CRI)	>80
Value ladder	Performance	Light source colour	840 neutral white
Warranty period	5 years	Optic type	Wide beam office-compliant
		Luminaire light beam spread	80°
		Unified Glare Rating (CEN)	19
		All-in Type	All-in, Multi Lumen
Light Technical			
Luminous Flux	3,600 4,500 6,000 lm		
Correlated Colour Temperature (Nom)	4000 K		

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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 (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/lens material	Polycarbonate
Fixation material	-
Housing Colour	White
Optical cover/lens finish	Microprismatic lens
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)	3.590 kg
Approval and Application	
Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	For mounting on normally flammable surfaces
CE mark	Yes
ENEC mark	ENEC mark
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 50,000 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
Sustainability Data	
Sustainability rating	Unclassified
Repair class	Repair Class D, this product is not designed to be repaired.
Embedded carbon (A1-A3)	30.4 kg CO ₂ e
Product non-virgin material ratio	24.5 %
Recyclable the content ratio of the finished product	71.2 %
GWP total B6 (kg CO ₂ eq) Declared Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * Service life (hrs) Declared Unit * Energy mix (kg CO ₂ eq / kwh)
GWP total B6 (kg CO ₂ eq) Functional Unit	Please calculate using your local energy mix value: POWER DECLARED UNIT (kW) * 1000 (lm) / LUMEN OUTPUT DECLARED UNIT (lm) * 35000 (hrs) * ENERGY MIX (kg CO ₂ eq / kwh)
Product Data	
Order product name	SM136V G4 36_45_60S/840 PSU W20L120 OC
Full product name	SM136V G4 36_45_60S/840 PSU W20L120 OC
Full EOC	872016976422499
Order code	911401841787
Material no. (12 NC)	911401841787
Numerator – quantity per pack	1
EAN/UPC – Product/Case	8720169764224
Numerator – packs per outer box	4
EAN/UPC - Case	8720169764507

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Dimensional drawing

