



CoreLine surface mounted gen 4

SM136V G4 36_45_68S/840 PSD W20L157 OC

CoreLine surface mounted gen 4, All-in, 43.5 W, 22.5 W, 200x1570 mm, 3600 lm, 4500 lm, 6800 lm, 4000 K, DALI, 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		Sustainability rating	
Number of gear units	1 unit	-	
Driver included	Yes		
Value ladder	Performance	Light Technical	
Serviceability class	Class C, luminaire without serviceable parts, not serviceable	Luminous Flux	3,600 4,500 6,800 lm
Warranty period	5 years	Correlated Color Temperature (Nom)	4000 K
		Luminous Efficacy (rated) (Nom)	160 155 lm/W
		Color rendering index (CRI)	>80
		Light source color	840 neutral white

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Optic type	Wide beam office compliant
Luminaire light beam spread	80°
Unified glare rating CEN	19
All-in Type	All-in, Multi Lumen

Operating and Electrical

Input Voltage	220-240 V
Line Frequency	50 or 60 Hz
Inrush current	5.33 A
Inrush time	0.04 ms
Power Consumption	43.5 22.5 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 5-pole
Cable	Cable without plug 5-pole
Number of products on MCB of 16 A type B	46
Suitable for random switching	No
Protection class IEC	Safety class II

Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
Constant light output	No
DALI Standard	DALI-2™

Mechanical and Housing

Housing Material	Steel
Reflector material	Steel
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	-
Housing Color	White
Optical cover finish	Microprismatic lens
Overall length	1,570 mm
Overall width	200 mm
Overall height	53 mm
Dimensions (Height x Width x Depth)	53 x 200 x 1570 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)	4.380 kg
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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	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)

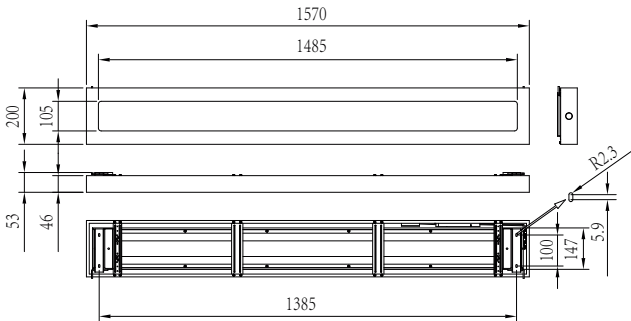
Control gear failure rate at median useful life 50000 h	5 %
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h	L90
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h	L80

Product Data

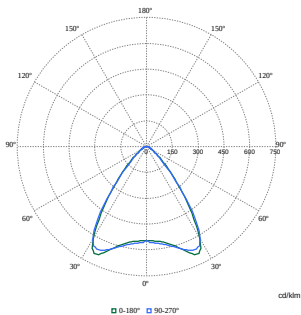
Order product name	SM136V G4 36_45_68S/840 PSD W20L157 OC
Full product name	SM136V G4 36_45_68S/840 PSD W20L157 OC
Full product code	872016976429399
Order code	76429399
Material Nr. (12NC)	911401842487
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169764293
Numerator - Packs per outer box	2
EAN/UPC - Case	8720169764576

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Dimensional drawing



Photometric data



Polar Normal (separate) - null - 911401842487

