



CoreLine surface mounted gen 4

SM136V G4 36_45_68S/840 PSU 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, 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	
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	-

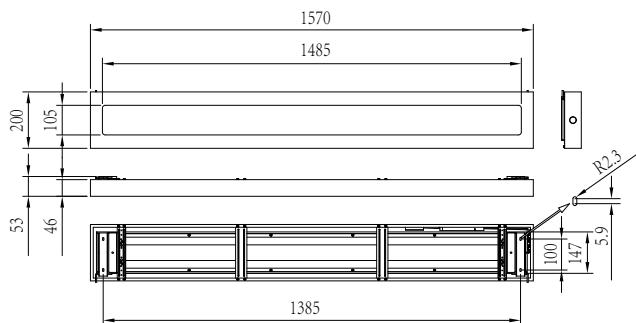
Light Technical	
Luminous Flux	3,600 4,500 6,800 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	160 155 lm/W
Color rendering index (CRI)	>80
Light source color	840 neutral white
Optic type	Wide beam office compliant
Luminaire light beam spread	80°
Unified glare rating CEN	19

CoreLine surface mounted gen 4

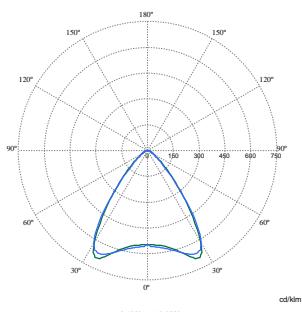
All-in Type	All-in, Multi Lumen	Flammability mark	For mounting on normally flammable surfaces																																																										
Operating and Electrical																																																													
Input Voltage	220-240 V	CE mark	Yes																																																										
Line Frequency	50 or 60 Hz	ENEC mark	KEMA Netherlands																																																										
Inrush current	25 A	Photobiological risk	Photobiological risk group 0 @200mm to EN62778																																																										
Inrush time	0.15 ms	EU RoHS compliant	Yes																																																										
Power Consumption	43.5 22.5 W	Performance ambient temperature T_q	25 °C																																																										
Power Factor (Fraction)	0.9	Ambient temperature range	-10 to +40 °C																																																										
Connection	Push-in connector 3-pole	Initial Performance (IEC Compliant)																																																											
Cable	Cable with connector 3-pole	Luminous flux tolerance	+/-10%																																																										
Number of products on MCB of 16 A type B	38	Initial chromaticity	(0.38,0.38)SDCM<3																																																										
Suitable for random switching	No	Power consumption tolerance	+/-10%																																																										
Protection class IEC	Safety class II	Over Time Performance (IEC Compliant)																																																											
Controls and Dimming																																																													
Dimmable	No	Control gear failure rate at median useful life 50000 h	5 %																																																										
Driver/power unit/transformer	Power supply unit (On/Off)	Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h	L90																																																										
Constant light output	No	Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h	L80																																																										
Mechanical and Housing																																																													
Housing Material	Steel	Product Data																																																											
Reflector material	Steel	Optic material	Polycarbonate	Order product name	SM136V G4 36_45_68S/840 PSU W20L157 OC	Optical cover material	Polycarbonate	Full product name	SM136V G4 36_45_68S/840 PSU W20L157 OC	Fixation material	-	Full product code	872016976427999	Housing Color	White	Order code	911401842287	Optical cover finish	Microprismatic lens	Material Nr. (12NC)	911401842287	Overall length	1,570 mm	Numerator - Quantity Per Pack	1	Overall width	200 mm	EAN/UPC - Product/Case	8720169764279	Overall height	53 mm	Numerator - Packs per outer box	2	Dimensions (Height x Width x Depth)	53 x 200 x 1570 mm	EAN/UPC - Case	8720169764552	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			Approval and Application				Glow-wire test	Temperature 650 °C, duration 30 s		
Optic material	Polycarbonate	Order product name	SM136V G4 36_45_68S/840 PSU W20L157 OC																																																										
Optical cover material	Polycarbonate	Full product name	SM136V G4 36_45_68S/840 PSU W20L157 OC																																																										
Fixation material	-	Full product code	872016976427999																																																										
Housing Color	White	Order code	911401842287																																																										
Optical cover finish	Microprismatic lens	Material Nr. (12NC)	911401842287																																																										
Overall length	1,570 mm	Numerator - Quantity Per Pack	1																																																										
Overall width	200 mm	EAN/UPC - Product/Case	8720169764279																																																										
Overall height	53 mm	Numerator - Packs per outer box	2																																																										
Dimensions (Height x Width x Depth)	53 x 200 x 1570 mm	EAN/UPC - Case	8720169764552																																																										
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																																																												
Approval and Application																																																													
Glow-wire test	Temperature 650 °C, duration 30 s																																																												

CoreLine surface mounted gen 4

Dimensional drawing



Photometric data



Polar Normal (separate) - null - 911401842287

