



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

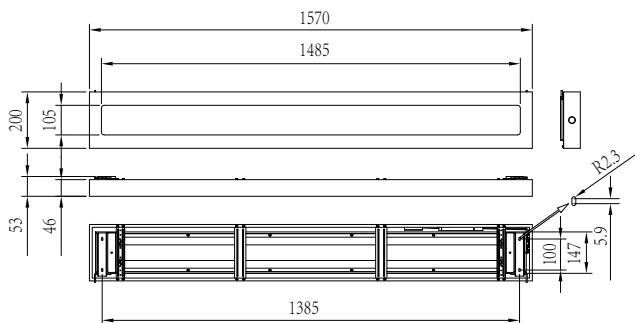
General Information		Sustainability rating	-
Number of gear units	1 unit		
Driver included	Yes		
Value ladder	Performance		
Serviceability class	Class C, luminaire without serviceable parts, not serviceable		
Warranty period	5 years		
Light Technical			
Luminous Flux	3,600 4,500 6,800 lm		
Correlated Color Temperature (Nom)	4000 K		
Luminous Efficacy (rated) (Nom)	160 155 lm/W		
Color rendering index (CRI)	>80		
Light source color	840 neutral white		

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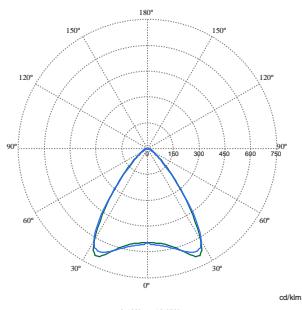
Optic type	Wide beam office compliant	Net Weight (Piece)	4.380 kg
Luminaire light beam spread	80°		
Unified glare rating CEN	19		
All-in Type	All-in, Multi Lumen		
Operating and Electrical			
Input Voltage	220-240 V		
Line Frequency	50 or 60 Hz		
Inrush current	5.33 A		
Inrush time	0.04 ms		
Power Consumption	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		
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	5 %		
life 50000 h			
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	911401842487		
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

