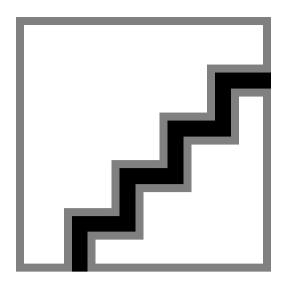
PHILIPS Lighting



CoreLine surfacemounted

SM134V LED27S/840 PSD W20L120 ELB3 OC

CoreLine surface-mounted, 25.5 W, 1200x200 mm, 2700 lm, 4000 K, DALI, UGR19, ELB3h

Philips CoreLine surface-mounted light fixtures deliver on the CoreLine promise of innovative, easy-to-use, high-quality luminaires. These high-quality LEDs are designed to replace existing surface-mounted luminaires with T8 or T5 technology. This CoreLine family also features an innovative new choice of multiple lumen outputs in one single luminaire, called MultiLumen. Instant energy savings and a longer lifetime, make this is an environmentally-friendly and cost-saving surface LED light solution. With a quick-connector feature, our SM136V surface-mounted luminaires are quick and easy to install. Also available within the range are Interact Ready luminaires with integrated wireless communications, which are fully compatible with Interact gateways, sensors and software.

Warnings and Safety

- The product is IPXO & as such is not protected against water ingress & as such we strongly recommend that The environment in which The luminaire is to be installed is suitably checked
- If the above advice is not taken and the luminaires are subject to water ingress, Philips / Signify cannot guarantee safe failure & product warranty will become void

Product data

General Information		Remarks	*-Per Lighting Europe guidance paper
Light source replaceable	No		"Evaluating performance of LED based
Number of gear units	1 unit		luminaires - January 2018": statistically there
Driver included	Yes		is no relevant difference in lumen
			maintenance between B50 and for example

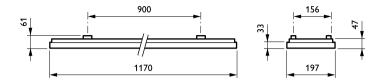
CoreLine surface-mounted

	B10. Therefore, the median useful life (B50)
	value also represents the B10 value.
Service tag	Yes
Product family code	SM134V [Coreline Surface]
Lighting Technology	LED
Value ladder	Performance
CE mark	Yes
Warranty period	5 years
Flammability mark	For mounting on normally flammable
	surfaces
ENEC mark	ENEC mark
Glow-wire test	Temperature 850 °C, duration 30 s
EU RoHS compliant	Yes
Light Technical	
Luminous Flux	2,700 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	106 lm/W
Color rendering index (CRI)	≥80
Light source color	840 neutral white
Optic type	Wide beam
Luminaire light beam spread	81°
Unified glare rating CEN	19
Operating and Electrical	
Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Inrush current	14.7 A
Inrush time	0.25 ms
Power Consumption	25.5 W
-	
Power Factor (Fraction)	0.9
Connection	Push-in connector and pull relief
Cable Number of products on MCB of 16 A type	-
B	38
Temperature	
Ambient temperature range	+10 to +40 °C
Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
	No
Constant light output	
Constant light output	
Constant light output Mechanical and Housing	

Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	Steel
Housing Color	White
Optical cover finish	Textured
Overall length	1,170 mm
Overall width	197 mm
Overall height	47 mm
Dimensions (Height x Width x Depth)	47 x 197 x 1170 mm
Approval and Application	
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Sustainability rating	-
Protection class IEC	Safety class I
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-8%
Initial chromaticity	(0.38, 0.38) SDCM <3
Power consumption tolerance	+/-10%
Over Time Performance (IEC Compl	iant)
Control gear failure rate at median useful	5 %
life 50000 h	
Lumen maintenance at median useful	L75
life* 50000 h	
Application Conditions	
Performance ambient temperature Tq	25 ℃
Maximum dim level	1% (no dimming in emergency mode)
Suitable for random switching	Yes
Product Data	
0	
Order product name	SM134V LED27S/840 PSD W20L120 ELB3 OC
Full product name	
Full product name	SM134V LED27S/840 PSD W20L120 ELB3 OC
Full product name Full product code	SM134V LED27S/840 PSD W20L120 ELB3 OC 871869934889200
Full product name Full product code Order code	SM134V LED27S/840 PSD W20L120 ELB3 OC 871869934889200 910925864848
Full product name Full product code Order code Material Nr. (12NC)	SM134V LED27S/840 PSD W20L120 ELB3 OC 871869934889200 910925864848 910925864848
Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack	910925864848 910925864848 1

CoreLine surface-mounted

Dimensional drawing





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www.lighting.philips.com 2023, December 4 - data subject to change