



CoreLine surfacemounted

SM134V LED37S/840 PSD W20L120 ELB3 OC

CoreLine surface-mounted, 35 W, 1200x200 mm, 3700 lm, 4000 K, DALI, UGR19, ELB3h

Whether for a new building or renovation of an existing space, customers want lighting solutions that provide quality of light and substantial energy and maintenance savings. The new CoreLine Surface-mounted range of LED products can be used to replace functional luminaires in general lighting applications. The process of selecting, installing and maintaining is so easy – it's a simple switch.

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			B10. Therefore, the median useful life (B50)
Light source replaceable	No		value also represents the B10 value.
Number of gear units	1 unit	Service tag	Yes
Driver included	Yes	Product family code	SM134V [Coreline Surface]
Remarks	*-Per Lighting Europe guidance paper	Lighting Technology	LED
	"Evaluating performance of LED based	Value ladder	Performance
	luminaires - January 2018": statistically there	CE mark	Yes
	is no relevant difference in lumen	Warranty period	5 years
	maintenance between B50 and for example	Flammability mark	For mounting on normally flammable
			surfaces

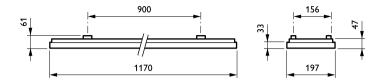
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ENEC mark	ENEC mark	
Glow-wire test	Temperature 850 °C, duration 30 s	
EU RoHS compliant	Yes	
Light Technical		
Luminous Flux	3,700 lm	
Correlated Color Temperature (Nom)	4000 K	
Luminous Efficacy (rated) (Nom)	106 lm/W	
Color rendering index (CRI)	≥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	22 A	
Inrush time	0.275 ms	
Power Consumption	35 W	
Power Factor (Fraction)	0.9	
Connection	Push-in connector and pull relief	
Cable	-	
Number of products on MCB of 16 A type	24	
В		
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	
Constant light output	No	
Mechanical and Housing		
Housing Material	Steel	
Reflector material	Polycarbonate	
Optic material	Polycarbonate	
Optical cover material	Polycarbonate	
Fixation material	Steel	
. Macion material		

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%
Control gear failure rate at median useful	5 %
life 50000 h Lumen maintenance at median useful	5 % L75
life 50000 h	
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life 50000 h Lumen maintenance at median useful life* 50000 h	
life 50000 h Lumen maintenance at median useful life* 50000 h Application Conditions	L75
life 50000 h Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq	L75 25 °C
life 50000 h Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching	L75 25 °C 1% (no dimming in emergency mode)
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life 50000 h Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Order product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack	L75 25 °C 1% (no dimming in emergency mode) Yes SM134V LED375/840 PSD W20L120 ELB3 OC SM134V LED375/840 PSD W20L120 ELB3 OC 871869934890800 34890800 910925864849 1
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Dimensional drawing





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