



CoreLine surfacemounted

SM134V LED37S/840 PSD W60L60 ELB3 NOC

CoreLine surface-mounted, 39 W, 600x600 mm, 3700 lm, 4000 K, DALI, 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. Coreline Surface Mounted also provides the option of advanced connectivity and is ready to be connected to IoT based software applications such as Interact Pro.

Warnings and Safety

- The product is IPXO and as such is not protected against water ingress, so 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 and product warranty will become void

Product data

General Information	
Light source replaceable	No
Number of gear units	Unit
Driver included	Yes
Remarks	*- According to the Lighting Europe guidance
	paper 'Evaluating performance of LED based
	luminaires – January 2018': statistically there

	is no relevant difference in lumen
	maintenance between the B50 and, for
	example, the B10. Therefore, the median
	useful life (B50) value also represents the
	B10 value.
Product family code	SM134V [Coreline Surface]
Lighting Technology	LED

Datasheet, 2023, December 4 data subject to change

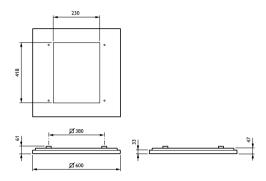
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Value ladder	Performance	Fixation material
CE mark	Yes	Housing Colour
Warranty period	5 years	Optical cover/lens finish
Flammability mark	For mounting on normally flammable	Overall length
	surfaces	Overall width
ENEC mark	ENEC mark	Overall height
Glow-wire test	Temperature 850 °C, duration 30 s	Dimensions (height x width x depth)
EU RoHS compliant	Yes	
		Approval and Application
Light Technical		Ingress protection code
Luminous Flux	3,700 lm	Mech. impact protection code
Correlated Colour Temperature	4000 K	Sustainability rating
Luminous efficacy (rated) (nom.)	95 lm/W	Protection class IEC
Colour rendering index (CRI)	≥80	
Light source colour	840 neutral white	Initial Performance (IEC Compli
Optic type	Wide beam	Luminous flux tolerance
Luminaire light beam spread	93°	Initial chromaticity
Unified Glare Rating (CEN)	22	Power consumption tolerance
Operating and Electrical		Over Time Performance (IEC Co
Input Voltage	220-240 V	Control gear failure rate at median us
Line Frequency	50 to 60 Hz	life 50,000 h
Inrush current	22 A	Lumen maintenance at median usefu
Inrush time	0.275 ms	 life* 50,000 h
Power Consumption	39 W	
Power Factor (Fraction)	0.9	Application Conditions
Connection	Push-in connector and pull relief	Performance ambient temperature T
Cable	-	Maximum dim level
Number of products on MCB of 16 A type	24	Suitable for random switching
В		Product Data
Temperature		Order product name
Ambient temperature range	+10 to +40 °C	_ •
		Full product name
Controls and Dimming		_
Dimmable	Yes	Full EOC
Driver/power unit/transformer	Power supply unit with DALI interface	Order code
Control interface	DALI	Material no. (12 NC)
Constant light output	No	SAP numerator – quantity per pack
		EAN/UPC — Product/Case
Mechanical and Housing		Numerator – packs per outer box
Housing material	Steel	EAN/UPC - Case
Reflector material	Polycarbonate	
Optic material	Polycarbonate	_
		_

Fixation material	Steel
Housing Colour	White
Optical cover/lens finish	Textured
Overall length	600 mm
Overall width	600 mm
Overall height	47 mm
Dimensions (height x width x depth)	47 x 600 x 600 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 Compli	ant)
Control gear failure rate at median useful	5 %
life 50,000 h	
Lumen maintenance at median useful	L75
life* 50,000 h	
Application Conditions	
Performance ambient temperature Tq	25 ℃
Maximum dim level	1% (no dimming in emergency mode)
Suitable for random switching	Yes
Product Data	
Order product name	SM134V LED37S/840 PSD W60L60 ELB3
	NOC
Full product name	SM134V LED37S/840 PSD W60L60 ELB3
	NOC
Full EOC	871869934872400
Order code	34872400
Material no. (12 NC)	910925864831
	1
SAP numerator – quantity per pack	·
SAP numerator – quantity per pack EAN/UPC — Product/Case	8718699348724

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Dimensional drawing





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