



CoreLine Surface-mounted

SM134V LED37S/840 PSD W20L120 NOC

Coreline Surface - 840 neutral white - Power supply unit with DALI interface

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.

Product data

General Information			
Light source colour	840 neutral white	CE mark	CE mark
Light source replaceable	No	ENEC mark	ENEC mark
Number of gear units	1 unit	Constant light output	No
Driver/power unit/transformer	PSD [Power supply unit with DALI interface]	Number of products on MCB	24
Driver included	Yes	RoHS mark	RoHS mark
Optic type	WB [Wide beam]	Product Family Code	SM134V [Coreline Surface]
Luminaire light beam spread	93°	Operating and Electrical	
Control interface	DALI	Input voltage	220 to 240 V
Connection	PIP [Push-in connector and pull relief]	Input frequency	50 to 60 Hz
Cable	-	Inrush current	22 A
Protection class IEC	Safety class I (I)	Inrush time	0.275 ms
Glow-wire test	850/30 [Temperature 850 °C, duration 30 s]	Power factor (min.)	0.9
Flammability mark	F [For mounting on normally flammable surfaces]		

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Controls and Dimming	
Dimmable	Yes

Mechanical and Housing	
Housing material	Steel
Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Steel
Optical cover/lens finish	Textured
Overall length	1170 mm
Overall width	197 mm
Overall height	47 mm

Approval and Application	
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]

Initial Performance (IEC Compliant)	
Initial luminous flux	3700 lm
Luminous flux tolerance	+/-8%
Initial LED luminaire efficacy	104 lm/W
Init. Corr. colour temperature	4000 K
Init. colour rendering index	≥80
Initial chromaticity	(0.38, 0.38) SDCM <3
Initial input power	35.5 W

Power consumption tolerance	+/-10%
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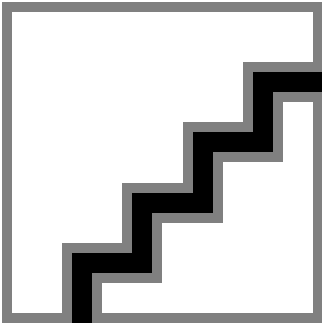
Over Time Performance (IEC Compliant)	
Driver failure rate at 5,000 hours	1 %
Median useful life L70B50	50000 h
Median useful life L80B50	30000 h
Median useful life L90B50	15000 h

Application Conditions	
Ambient temperature range	+10 to +40 °C
Maximum dimming level	1%
Suitable for random switching	Yes (relates to presence/ movement detection and daylight harvesting)

Product Data	
Full product code	871869934856400
Order product name	SM134V LED37S/840 PSD W20L120 NOC
EAN/UPC – product	8718699348564
Order code	34856400
Numerator – quantity per pack	1
Numerator – packs per outer box	1
Material no. (12NC)	910925864815
Net weight (piece)	3.400 kg



Dimensional drawing



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