



CoreLine Surface-mounted

SM134V LED37S/840 PSU W20L120 NOC

Coreline Surface - 840 neutral white - Power supply unit

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	Constant light output	No
Light source replaceable	No	Number of products on MCB	24
Number of gear units	1 unit	RoHS mark	RoHS mark
Driver/power unit/transformer	PSU [Power supply unit]	Product Family Code	SM134V [Coreline Surface]
Driver included	Yes	Operating and Electrical	
Optic type	WB [Wide beam]	Input voltage	220 to 240 V
Luminaire light beam spread	93°	Input frequency	50 to 60 Hz
Control interface	-	Inrush current	8 A
Connection	Push-in connector and pull relief	Inrush time	0.06 ms
Cable	-	Power factor (min.)	0.9
Protection class IEC	Safety class I	Controls and Dimming	
Glow-wire test	Temperature 850 °C, duration 30 s	Dimmable	No
Flammability mark	F [For mounting on normally flammable surfaces]		
CE mark	CE mark		
ENEC mark	ENEC mark		

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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	109 lm/W
Init. Corr. colour temperature	4000 K
Init. colour rendering index	≥80
Initial chromaticity	(0.38, 0.38) SDCM <3
Initial input power	34 W
Power consumption tolerance	+/-10%

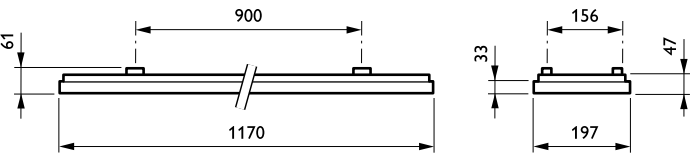
Over Time Performance (IEC Compliant)	
Driver failure rate at 5,000 hours	1 %
Median useful life L70B50	50000 h
Median useful life L80B50	30000 h
Median useful life L90B50	15000 h

Application Conditions	
Ambient temperature range	+10 to +40 °C
Maximum dimming level	Not applicable
Suitable for random switching	Yes (relates to presence/ movement detection and daylight harvesting)

Product Data	
Full product code	871869934870000
Order product name	SM134V LED37S/840 PSU W20L120 NOC
EAN/UPC – product	8718699348700
Order code	34870000
Numerator – quantity per pack	1
Numerator – packs per outer box	1
Material no. (12NC)	910925864829
Net weight (piece)	3.700 kg



Dimensional drawing



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