



CoreLine Surface-mounted

SM134V LED37S/840 PSD W20L120 OC

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		ENEC mark	ENEC mark
Light source colour	840 neutral white	Warranty period	5 years
Light source replaceable	No	Remarks	*-Per Lighting Europe guidance paper "Evaluating performance of LED based luminaires - January 2018": statistically there is no relevant difference in lumen maintenance between B50 and for example B10. Therefore the median useful life (B50) value also represents the B10 value.
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	81°	Unified glare rating CEN	19
Control interface	DALI		
Connection	PIP [Push-in connector and pull relief]		
Cable	-		
Protection class IEC	Safety class I (I)		
Glow-wire test	850/30 [Temperature 850 °C, duration 30 s]		
Flammability mark	F [For mounting on normally flammable surfaces]		
CE mark	CE mark		

CoreLine Surface-mounted

Operating and Electrical

Input voltage	220 to 240 V
Input frequency	50 to 60 Hz
Inrush current	22 A
Inrush time	0.275 ms
Power factor (min.)	0.9

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
Colour	White

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	117 lm/W

Init. Corr. colour temperature	4000 K
Init. colour rendering index	≥80
Initial chromaticity	(0.38, 0.38) SDCM <3
Initial input power	31.5 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

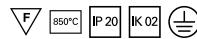
Control gear failure rate at median useful life 50000 h	5 %
Lumen maintenance at median useful life* 50000 h	L75

Application Conditions

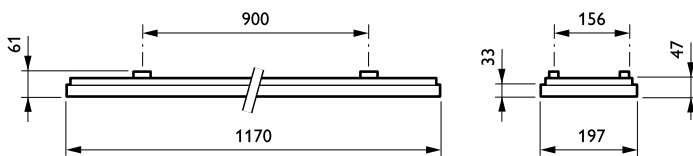
Ambient temperature range	+10 to +40 °C
Performance ambient temperature Tq	25 °C
Maximum dimming level	1%

Product Data

Full product code	871869934863200
Order product name	SM134V LED37S/840 PSD W20L120 OC
EAN/UPC – product	8718699348632
Order code	34863200
Numerator – quantity per pack	1
Numerator – packs per outer box	1
Material no. (12NC)	910925864822
Net weight (piece)	3.400 kg



Dimensional drawing



CoreLine Surface-mounted SM134V

CoreLine Surface-mounted

