



CoreLine Surface-mounted

SM134V LED37S/840 W20L120 IA1 OC

Coreline Surface - 840 neutral white - Power supply unit regulating external

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. ;InterAct Ready luminaires with integrated wireless communications in this family available, to be used with InterAct gateways, sensors and software.

Product data

General Information		Operating and Electrical	
Light source color	840 neutral white	Flammability mark	For mounting on normally flammable surfaces
Light source replaceable	No	CE mark	CE mark
Number of gear units	1 unit	ENEC mark	ENEC mark
Driver/power unit/transformer	Power supply unit regulating external	Warranty period	5 years
Driver included	Yes	Constant light output	No
Optic type	Wide beam	Number of products on MCB of 16 A type B	24
Luminaire light beam spread	81°	RoHS mark	RoHS mark
Control interface	Internal (no external connection)	Product family code	SM134V [Coreline Surface]
Connection	Push-in connector and pull relief	Unified glare rating CEN	19
Cable	-		
Protection class IEC	Safety class I	Input Voltage	220-240 V
Glow-wire test	Temperature 850 °C, duration 30 s	Input Frequency	50 to 60 Hz

CoreLine Surface-mounted

Inrush current	22 A
Inrush time	0.275 ms
Power Factor (Min)	0.9

Controls and Dimming

Dimmable	Wireless Dim
----------	--------------

Mechanical and Housing

Housing Material	Steel
Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	-
Optical cover/lens finish	Textured
Overall length	1170 mm
Overall width	197 mm
Overall height	47 mm
Color	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 (system flux)	3700 lm
Luminous flux tolerance	+/-8%
Initial LED luminaire efficacy	104.5 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	≥80

Initial chromaticity	(0.38, 0.38) SDCM <3
Initial input power	35.4 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

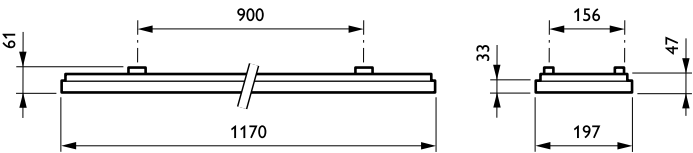
Ambient temperature range	+10 to +40 °C
Performance ambient temperature Tq	25 °C
Maximum dim level	1%
Suitable for random switching	Yes

Product Data

Full product code	871869699663800
Order product name	SM134V LED37S/840 W20L120 IA1 OC
EAN/UPC - Product	8718696996638
Order code	910925865184
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910925865184
Net Weight (Piece)	3.400 kg



Dimensional drawing



CoreLine Surface-mounted SM134V

CoreLine Surface-mounted

