



# CoreLine Surface-mounted

## SM134V LED37S/830 W20L120 IA1 OC

Coreline Surface - 830 warm 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	
Light source color	830 warm white
Light source replaceable	No
Number of gear units	1 unit
Driver/power unit/transformer	Power supply unit regulating external
Driver included	Yes
Optic type	Wide beam
Luminaire light beam spread	81°
Control interface	Internal (no external connection)
Connection	Push-in connector and pull relief
Cable	-
Protection class IEC	Safety class I
Glow-wire test	Temperature 850 °C, duration 30 s
Flammability mark	For mounting on normally flammable surfaces
CE mark	CE mark
ENEC mark	ENEC mark
Warranty period	5 years
Constant light output	No
Number of products on MCB of 16 A type B	24
RoHS mark	RoHS mark
Product family code	SM134V [ Coreline Surface]
Unified glare rating CEN	19
Operating and Electrical	
Input Voltage	220-240 V
Input Frequency	50 to 60 Hz

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

Controls and Dimming

Dimmable	Wireless Dim
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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	3000 K
Init. Color Rendering Index	≥80

Initial chromaticity	(0.43, 0.40) 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

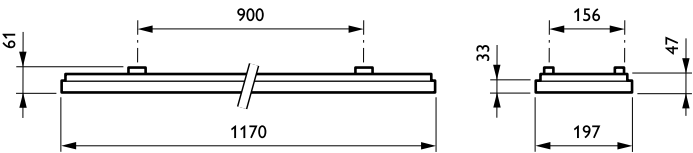
Ambient temperature range	+10 to +40 °C
Performance ambient temperature Tq	25 °C
Maximum dim level	1%
Suitable for random switching	Yes

Product Data

Full product code	871869699666900
Order product name	SM134V LED37S/830 W20L120 IA1 OC
EAN/UPC - Product	8718696996669
Order code	910925865187
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910925865187
Net Weight (Piece)	3.400 kg



Dimensional drawing



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