



# CoreLine Surface-mounted

## SM134V LED37S/840 W20L120 IA1 OC

Coreline Surface - 840 neutral white - Power supply unit regulating external (PSR)

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. Coreline Surface Mounted also provides the option of advanced connectivity and is ready to be connected to IoT based software applications such as Interact Pro.

### Product data

General Information		Flammability mark	
Light source colour	840 neutral white		F [ 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	PSR-E [ Power supply unit regulating external (PSR)]	Warranty period	5 years
Driver included	Yes	Constant light output	No
Optic type	WB [ Wide beam]	Number of products on MCB	24
Luminaire light beam spread	81°	RoHS mark	RoHS mark
Connection	Push-in connector and pull relief	Product Family Code	SM134V [ Coreline Surface]
Cable	-	Unified glare rating CEN	19
Protection class IEC	Safety class I	Operating and Electrical	
Glow-wire test	Temperature 850 °C, duration 30 s	Input voltage	220-240 V

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

### 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
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	104.5 lm/W
Init. Corr. colour temperature	4000 K
Init. colour rendering index	≥80

Initial chromaticity	(0.38, 0.38) SDCM <3
Initial input power	35.4 W
Power consumption tolerance	+/-10%

### Over Time Performance (IEC Compliant)

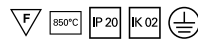
Control gear failure rate at median useful life 50000 h	5 %
Lumen maintenance at median useful life* 50000 h	L75

### Application Conditions

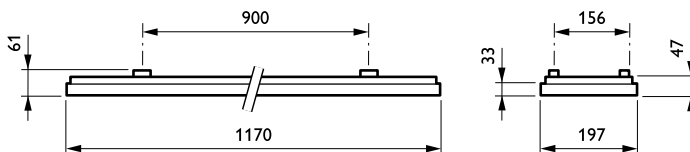
Ambient temperature range	+10 to +40 °C
Performance ambient temperature Tq	25 °C
Maximum dimming level	1%

### Product Data

Full product code	871869699663800
Order product name	SM134V LED37S/840 W20L120 IA1 OC
EAN/UPC – product	8718696996638
Order code	99663800
Numerator – quantity per pack	1
Numerator – packs per outer box	1
Material no. (12NC)	910925865184
Net weight (piece)	3.400 kg



## Dimensional drawing



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