



CoreLine surfacemounted

SM120V LED34S/830 PSD W20L120 VAR-PC

Coreline Surface, LED module, system flux 3400 lm, 830 warm white, Power supply unit with DALI interface, Variable linear-lens array in polycarbonate cover

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.

Warnings and Safety

- The product is IPXO and as such is not protected against water ingress, so we strongly recommend that the environment in which the luminaire is to be installed is suitably checked
- If the above advice is not taken and the luminaires are subject to water ingress, Philips/Signify cannot guarantee safe failure and product warranty will become void

Product data

General Information	
Lamp family code	LED34S [LED module, system flux 3400 lm]
Cap base	- [-]
Light source replaceable	No
Number of gear units	Unit
Gear	-

Driver included	Yes
Remarks	*- According to the Lighting Europe guidance
	paper 'Evaluating performance of LED based
	luminaires – January 2018': statistically there is
	no relevant difference in lumen maintenance
	between the B50 and, for example, the B10.

Datasheet, 2023, December 4 data subject to change

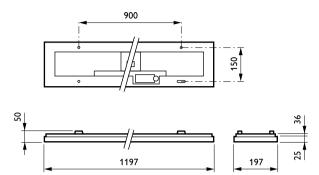
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Therefore, the median useful life (B50) value
also represents the B10 value.
SM120V [Coreline Surface]
LED
Performance
Yes
3 years + 2 years upon registration
For mounting on normally flammable surface
ENEC mark
Temperature 850 °C, duration 30 s
Yes
3,400 lm
3000 K
113 lm/W
≥80
830 warm white
Wide beam
Variable linear-lens array in polycarbonate
cover
75°
Not applicable
220 to 240 V
50 to 60 Hz
22 A
0.275 ms
0.275 ms 27.9 W
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Constant light output	No
Mechanical and Housing	
Housing material	Steel
Reflector material	Steel
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Steel
Housing Colour	White
Optical cover/lens finish	Textured
Overall length	1,197 mm
Overall width	197 mm
Overall height	36 mm
Dimensions (height x width x depth)	36 x 197 x 1197 mm
Approval and Application	
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IKO2 [0.2 J standard]
Protection class IEC	Safety class I
Initial Performance (IEC Complian	t)
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.43, 0.40) SDCM <3
Power consumption tolerance	+/-10%
Application Conditions	
Performance ambient temperature Tq	25 °C
Maximum dim level	1%
Suitable for random switching	Yes
Product Data	
Order product name	SM120V LED34S/830 PSD W20L120 VAR-PC
Full product name	SM120V LED34S/830 PSD W20L120 VAR-PC
Full EOC	871829126662400
Order code	26662400
Material no. (12 NC)	910501997503
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8718291266624
Numerator – packs per outer box	1
EAN/UPC - Case	8718291266624

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Dimensional drawing





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