



TrueLine, surface mounted

SM531C LED19S/840 PSD PI5 L1410 ALU

TrueLine NOC, LED module, system flux 1900 lm, 840 neutral white, Power supply unit with DALI interface, Push-in connector 5-pole, Aluminum

Architects need a lighting solution that matches the interior architecture of the space they are enhancing. They want a light line with elegant proportions and high light levels that offers maximum design freedom. Philips TrueLine is a flexible linear luminaire for indoor office applications that offers excellent quality with the promise of future-proof upgrades. Specifiers need luminaires that save energy, at the same time as providing the right level of light. TrueLine recessed meets both these sets of requirements. Not only is it compliant with the WELL Building Standard for Light, TrueLine surface is rated UGR<lt/>ly, which is compliant with all office norms (OC). TrueLine also comes in suspended and recess-mounted versions. All the luminaires in the family are available in different lengths, shapes, colors and light outputs. This offers the ultimate design flexibility and unlimited possibilities. TrueLine luminaires are also a sustainable, future-proof choice with high efficiency up to 140 lm/W and the option to upgrade to wireless connectivity and control.

Warnings and Safety

- The product is IPXO and, as such, is not protected against water ingress. Therefore, 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 the product warranty will become void.

Product data

Datasheet, 2023, September 4 data subject to change

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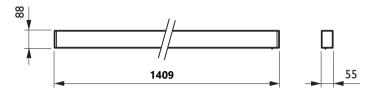
General Information		Temperature	
Lamp family code	LED19S [LED module, system flux 1900 lm]	Ambient temperature range	+10 to +40 °C
Cap-Base	- [-]		
Light source replaceable	No	Controls and Dimming	
Number of gear units	1 unit	Dimmable	Yes
Gear	-	Driver/power unit/transformer	Power supply unit with DALI interface
Driver included	Yes	Control interface	DALI
Remarks	*-Per Lighting Europe guidance paper	Constant light output	No
	"Evaluating performance of LED based		
	luminaires - January 2018": statistically there	Mechanical and Housing	
	is no relevant difference in lumen	Housing Material	Aluminum
	maintenance between B50 and for example	Reflector material	-
	B10. Therefore, the median useful life (B50)	Optic material	-
	value also represents the B10 value.	Optical cover material	Polycarbonate
Service tag	Yes	Fixation material	Steel
Product family code	SM531C [TrueLine NOC]	Housing Color	Aluminum
Lighting Technology	LED	Optical cover finish	Opal
Value ladder	Specification	Overall length	1,409 mm
Embedded control		Overall width	55 mm
CE mark	Yes	Overall height	93 mm
Warranty period	5 years	Dimensions (Height x Width x Depth)	93 x 55 x 1409 mm
Flammability mark	For mounting on normally flammable		
	surfaces	Approval and Application	
ENEC mark	ENEC plus mark	Ingress protection code	IP40 [Wire-protected]
Glow-wire test	Temperature 650 °C, duration 5 s	Mech. impact protection code	IKO2 [0.2 J standard]
EU RoHS compliant	Yes	Protection class IEC	Safety class I
Light Technical		Initial Performance (IEC Compliant)	
Luminous Flux	1,900 lm	Luminous flux tolerance	+/-10%
Correlated Color Temperature (Nom)	4000 K	Initial chromaticity	(0.38, 0.38) SDCM <3
Luminous Efficacy (rated) (Nom)	107 lm/W	Power consumption tolerance	+/-10%
Color rendering index (CRI)	≥80		
Number of light sources	1	Over Time Performance (IEC Compl	iant)
Beam angle of light source	- degree(s)	Control gear failure rate at median useful	5 %
Light source color	840 neutral white	life 50000 h	
Optic type		Lumen maintenance at median useful	L85
Optical cover type	Polymethyl methacrylate bowl/cover	life* 50000 h	
Luminaire light beam spread	160°		
Unified glare rating CEN	25	Application Conditions	
		Performance ambient temperature Tq	25 ℃
Operating and Electrical		Maximum dim level	1%
Input Voltage	220 to 240 V	Suitable for random switching	No
Line Frequency	50 to 60 Hz		
Inrush current	19 A	Product Data	
Inrush time	0.28 ms	Order product name	SM531C LED19S/840 PSD PI5 L1410 ALU
Power Consumption	17.8 W	Full product name	SM531C LED19S/840 PSD PI5 L1410 ALU
Power Factor (Fraction)	0.9	Full product code	871869687424000
Connection	Push-in connector 5-pole	Order code	910504099703
Cable	-	Material Nr. (12NC)	910504099703
Number of products on MCB of 16 A type	24	Numerator - Quantity Per Pack	1
В		EAN/UPC - Product/Case	8718696874240
		Numerator - Packs per outer box	1

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EAN/UPC - Case

8718696874240

Dimensional drawing





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