



TrueLine, surface mounted

SM531C LED15S/830 PSD PI5 L1130 ALU

TrueLine NOC, LED module, system flux 1500 lm, 830 warm 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, October 9 data subject to change

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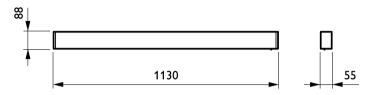
General Information		Temperature	
Lamp family code	LED15S [LED module, system flux 1500 lm]	Ambient temperature range	+10 to +40 °C
Cap-Base	- [-]		
Light source replaceable	No	Controls and Dimming	
Number of gear units	1 unit	Dimmable	Yes
Gear		Driver/power unit/transformer	Power supply unit with DALI 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	1,130 mm
CE mark	Yes	Overall width	55 mm
Warranty period	5 years	Overall height	93 mm
Flammability mark	For mounting on normally flammable	Dimensions (Height x Width x Depth)	93 x 55 x 1130 mm
	surfaces		
ENEC mark	ENEC plus mark	Approval and Application	
Glow-wire test	Temperature 650 °C, duration 5 s	Ingress protection code	IP40 [Wire-protected]
EU RoHS compliant	Yes	Mech. impact protection code	IK02 [0.2 J standard]
		Protection class IEC	Safety class I
Light Technical			
Luminous Flux	1,500 lm	Initial Performance (IEC Compliant)	
Correlated Color Temperature (Nom)	3000 K	Luminous flux tolerance	+/-10%
Luminous Efficacy (rated) (Nom)	96 lm/W	Initial chromaticity	(0.43, 0.40) SDCM <3
Color rendering index (CRI)	≥80	Power consumption tolerance	+/-10%
Number of light sources	1		
Beam angle of light source	- degree(s)	Over Time Performance (IEC Compl	iant)
Light source color	830 warm white	Control gear failure rate at median useful	5 %
Optic type		life 50000 h	
Optical cover type	Polymethyl methacrylate bowl/cover	Lumen maintenance at median useful life	* L85
Luminaire light beam spread	160°	50000 h	
Unified glare rating CEN	25		
		Application Conditions	
Operating and Electrical		Performance ambient temperature Tq	25 ℃
Input Voltage	220 to 240 V	Maximum dim level	1%
Line Frequency	50 to 60 Hz	Suitable for random switching	No
End CLO power consumption	- W		
Inrush current	19 A	Product Data	
Inrush time	0.28 ms	Order product name	SM531C LED15S/830 PSD PI5 L1130 ALU
Power Consumption	15.6 W	Full product name	SM531C LED15S/830 PSD PI5 L1130 ALU
Power Factor (Fraction)	0.9	Full product code	871869687418900
Connection	Push-in connector 5-pole	Order code	910504099103
Cable	_	Material Nr. (12NC)	910504099103
Number of products on MCB of 16 A type	24	Numerator - Quantity Per Pack	1
В		EAN/UPC - Product/Case	8718696874189
		Numerator - Packs per outer box	1

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EAN/UPC - Case

8718696874189

Dimensional drawing





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