



# TrueLine, surface mounted

## SM530C LED50S/840 PSD ACL PI5 L1450 ALU

TrueLine OC, LED module, system flux 5000 lm, 840 neutral white, Power supply unit with DALI interface, ActiLume, 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

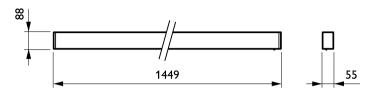
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General Information		Temperature	
Lamp family code	LED50S [LED module, system flux 5000 lm]	Ambient temperature range	+10 to +40 °C
Cap-Base	- [-]		
Light source replaceable	No	Controls and Dimming	
Number of gear units	1 unit	Dimmable	Yes
Gear		Driver/power 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	Polymethyl methacrylate
Service tag	Yes	Fixation material	Steel
Product family code	SM530C [TrueLine OC]	Housing Color	Aluminum
Lighting Technology	LED	Optical cover finish	Frosted
Value ladder	Specification	Overall length	1,449 mm
Embedded control	ActiLume	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 1449 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	5,000 lm	Luminous flux tolerance	+/-10%
Correlated Color Temperature (Nom)	4000 K	Initial chromaticity	(0.38, 0.38) SDCM <3
Luminous Efficacy (rated) (Nom)	127 lm/W	Power consumption tolerance	+/-10%
Color rendering index (CRI)	≥80		
Number of light sources	1	Over Time Performance (IEC Compl	liant)
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	100°		
Unified glare rating CEN	19	Application Conditions	
		Performance ambient temperature Tq	25 ℃
Operating and Electrical		Maximum dim level	1%
Input Voltage	220 to 240 V	Suitable for random switching	Yes
Line Frequency	50 to 60 Hz		
Inrush current	19 A	Product Data	
Inrush time	0.28 ms	Order product name	SM530C LED50S/840 PSD ACL PI5 L1450
Power Consumption	39.5 W		ALU
Power Factor (Fraction)	0.9	Full product name	SM530C LED50S/840 PSD ACL PI5 L1450
Connection	Push-in connector 5-pole		ALU
Cable		Full product code	871869687422600
Number of products on MCB of 16 A type	24	Order code	910504099503
В		Material Nr. (12NC)	910504099503
		Numerator - Quantity Per Pack	1

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EAN/UPC - Product/Case	8718696874226
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696874226

### Dimensional drawing





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