



TrueLine, surface mounted

SM530C LED40S/840 PSD PI5 L1130 ALU

TrueLine OC, LED module, system flux 4000 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, November 30 data subject to change

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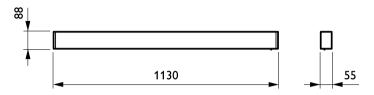
General Information		Temperature	
Lamp family code	LED40S [LED module, system flux 4000 lm]	Ambient temperature range	+10 to +40 °C
Cap-Base	- [-]		
Light source replaceable	No	Controls and Dimming	
Number of gear units	1 unit	Dimmable	Yes
Gear		Driver/power unit/transformer	Power supply unit with DALI 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	1,130 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	IKO2 [0.2 J standard]
		Protection class IEC	Safety class I
Light Technical			
Luminous Flux	4,000 lm	Initial Performance (IEC Compliant)	
Correlated Color Temperature (Nom)	4000 K	Luminous flux tolerance	+/-10%
Luminous Efficacy (rated) (Nom)	138 lm/W	Initial chromaticity	(0.38, 0.38) 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 Compli	iant)
Light source color	840 neutral 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	100°	50000 h	
Unified glare rating CEN	19		
		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
Inrush current	19 A		
Inrush time	0.28 ms	Product Data	
Power Consumption	29 W	Order product name	SM530C LED40S/840 PSD PI5 L1130 ALU
Power Factor (Fraction)	0.9	Full product name	SM530C LED40S/840 PSD PI5 L1130 ALU
Connection	Push-in connector 5-pole	Full product code	871869687413400
Cable		Order code	910504098603
Number of products on MCB of 16 A type	24	Material Nr. (12NC)	910504098603
В		Numerator - Quantity Per Pack	1
		EAN/UPC - Product/Case	8718696874134
		Numerator - Packs per outer box	1
		-	

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EAN/UPC - Case

8718696874134

Dimensional drawing





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