PHILIPS Lighting



TrueLine, surface mounted

SM530C LED50S/840 PSD PI5 L1410 ALU

TrueLine OC, LED module, system flux 5000 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/>>19, 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

TrueLine, surface mounted

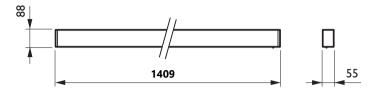
General Information		
Lamp family code	LED50S [LED module, system flux 5000 lm]	
Cap-Base	- [-]	
Light source replaceable	No	
Number of gear units	1 unit	
Gear	-	
Driver included	Yes	
Remarks	*-Per Lighting Europe guidance paper	
	"Evaluating performance of LED based	
	luminaires - January 2018": statistically there	
	is no relevant difference in lumen	
	maintenance between B50 and for example	
	B10. Therefore, the median useful life (B50)	
	value also represents the B10 value.	
Service tag	Yes	
Product family code	SM530C [TrueLine OC]	
Lighting Technology	LED	
Value ladder	Specification	
Embedded control	-	
CE mark	Yes	
Warranty period	5 years	
Flammability mark	For mounting on normally flammable	
	surfaces	
ENEC mark	ENEC plus mark	
Glow-wire test	Temperature 650 °C, duration 5 s	
EU RoHS compliant	Yes	
Light Technical		
Luminous Flux	5,000 lm	
Correlated Color Temperature (Nom)	4000 K	
Luminous Efficacy (rated) (Nom)	130 lm/W	
Color rendering index (CRI)	≥80	
Number of light sources	1	
Beam angle of light source	- degree(s)	
Light source color	840 neutral white	
Optic type	-	
Optical cover type	Polymethyl methacrylate bowl/cover	
Luminaire light beam spread	100°	
Unified glare rating CEN	19	
Operating and Electrical		
Input Voltage	220 to 240 V	
Line Frequency	50 to 60 Hz	
End CLO power consumption	- W	
Inrush current	19 A	
Inrush time	0.28 ms	
Power Consumption	38.5 W	
Power Factor (Fraction)	0.9	
Connection	Push-in connector 5-pole	
Cable	-	
CUDIC		

Number of products on MCB of 16 A type	24			
В				
Temperature				
Ambient temperature range	+10 to +40 °C			
Controls and Dimming				
Dimmable	Yes			
Driver/power unit/transformer	Power supply unit with DALI interface			
Control interface	DALI			
Constant light output	No			
Mechanical and Housing				
Housing Material	Aluminum			
Reflector material	-			
Optic material	-			
Optical cover material	Polymethyl methacrylate			
Fixation material	Steel			
Housing Color	Aluminum			
Optical cover finish	Frosted			
Overall length	1,409 mm			
Overall width	55 mm			
Overall height	93 mm			
Dimensions (Height x Width x Depth)	93 x 55 x 1409 mm			
Approval and Application				
Ingress protection code	IP40 [Wire-protected]			
Mech. impact protection code	IK02 [0.2 J standard]			
Protection class IEC	Safety class I			
Initial Performance (IEC Compliant)				
Luminous flux tolerance	+/-10%			
Initial chromaticity	(0.38, 0.38) SDCM <3			
Power consumption tolerance	+/-10%			
Over Time Performance (IEC Compliant)				
Control gear failure rate at median useful				
life 50000 h				
Lumen maintenance at median useful	L85			
life* 50000 h				
Application Conditions				
Performance ambient temperature Tq	25 °C			
Maximum dim level	1%			
Suitable for random switching	No			
Product Data				
Order product name	SM530C LED50S/840 PSD PI5 L1410 ALU			
Full product name	SM530C LED50S/840 PSD PI5 L1410 ALU			
Full product code	871869687420200			
Order code	910504099303			
Material Nr. (12NC)	910504099303			
	510504055505			

TrueLine, surface mounted

Numerator - Quantity Per Pack	1	EAN/UPC - Case	8718696874202
EAN/UPC - Product/Case	8718696874202		
Numerator - Packs per outer box	1		

Dimensional drawing





© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.

www.lighting.philips.com 2023, September 4 - data subject to change