PHILIPS Lighting



TrueLine, suspended

SP532P LED77S/840 PSD PI5 SM2 L1410 9003

TrueLine DIRECT/INDIRECT OC, LED module, system flux 7700 lm, 840 neutral white, Power supply unit with DALI interface, Push-in connector 5-pole

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 surface 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

General Information		Light source replaceable	No
Lamp family code	LED77S [LED module, system flux 7700 lm]	Number of gear units	1 unit
Cap-Base	- [-]	Gear	GRT [Gear tray (without gear)]

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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	SP532P [TrueLine DIRECT/INDIRECT OC]	
Lighting Technology	LED	
Value ladder	Specification	
Embedded control	-	
CE mark	Yes	
Warranty period	5 years	
Flammability mark	For mounting on normally flammable surface	
ENEC mark	ENEC plus mark	
Glow-wire test	Temperature 650 °C, duration 5 s	
EU RoHS compliant	Yes	
Light Technical		
Luminous Flux	7,700 lm	
Correlated Color Temperature (Nom)	4000 K	
Luminous Efficacy (rated) (Nom)	128 lm/W	
Color rendering index (CRI)	≥80	
Number of light sources	1	
Light source color	840 neutral white	
Optic type	-	
Optical cover type	Polymethyl methacrylate bowl/cover	
Luminaire light beam spread	100°	
Unified glare rating CEN	16	
Operating and Electrical		
Input Voltage		
	220 to 240 V	
Line Frequency	220 to 240 V 50 to 60 Hz	
Line Frequency Inrush current		
· · · · ·	50 to 60 Hz	
Inrush current	50 to 60 Hz 19 A	
Inrush current	50 to 60 Hz 19 A 0.28 ms	
Inrush current Inrush time Power Consumption	50 to 60 Hz 19 A 0.28 ms 60 W	
Inrush current Inrush time Power Consumption Power Factor (Fraction)	50 to 60 Hz 19 A 0.28 ms 60 W 0.9	
Inrush current Inrush time Power Consumption Power Factor (Fraction) Connection	50 to 60 Hz 19 A 0.28 ms 60 W 0.9 Push-in connector 5-pole	
Inrush current Inrush time Power Consumption Power Factor (Fraction) Connection Cable	50 to 60 Hz 19 A 0.28 ms 60 W 0.9 Push-in connector 5-pole Cable 1.7 m without plug 5-pole PVC silver	
Inrush current Inrush time Power Consumption Power Factor (Fraction) Connection Cable Number of products on MCB of 16 A type B	50 to 60 Hz 19 A 0.28 ms 60 W 0.9 Push-in connector 5-pole Cable 1.7 m without plug 5-pole PVC silver	
Inrush current Inrush time Power Consumption Power Factor (Fraction) Connection Cable Number of products on MCB of 16 A type B Temperature	50 to 60 Hz 19 A 0.28 ms 60 W 0.9 Push-in connector 5-pole Cable 1.7 m without plug 5-pole PVC silver 24	
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Inrush current Inrush time Power Consumption Power Factor (Fraction) Connection Cable Number of products on MCB of 16 A type B Temperature Ambient temperature range	50 to 60 Hz 19 A 0.28 ms 60 W 0.9 Push-in connector 5-pole Cable 1.7 m without plug 5-pole PVC silver 24	
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Control interface	DALI
Constant light output	No
Mechanical and Housing	
Housing Material	Aluminum
Reflector material	-
Optic material	-
Optical cover material	Polymethyl methacrylate
Fixation material	Stainless steel
Housing Color	RAL standard (to be defined)
Optical cover finish	Frosted
Overall length	1,409 mm
Overall width	55 mm
Overall height	121 mm
Dimensions (Height x Width x Depth)	121 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 Complian	it)
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38, 0.38) SDCM <3
Power consumption tolerance	+/-10%
Over Time Performance (IEC Com	pliant)

Over Time Performance (IEC Compliant)		
Control gear failure rate at median	5 %	
useful life 50000 h		
Lumen maintenance at median useful	L85	
life* 50000 h		

Application Conditions

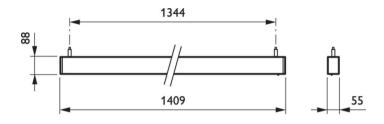
Performance ambient temperature Tq	25 °C
Maximum dim level	1%
Suitable for random switching	No

Product Data

Order product name	SP532P LED77S/840 PSD PI5 SM2 L1410 9003
Full product name	SP532P LED77S/840 PSD PI5 SM2 L1410 9003
Full product code	871869906335100
Order code	910504105503
Material Nr. (12NC)	910504105503
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699063351
Numerator - Packs per outer box	1
EAN/UPC - Case	8718699063351

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Dimensional drawing





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