TrueLine, suspended

SP532P LED47S/830 PSD PI5 SM2 L1410 9003

TrueLine DIRECT/INDIRECT OC, LED module, system flux 4700 lm, 830 warm 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 IPX0 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	LED47S [LED module, system flux 4700 lm]	Number of gear units	1 unit
Cap-Base	– [-]	Gear	GRT [Gear tray (without gear)]

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Driver included	Yes		Constant light output	No
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.		**Mechanical and Housing**	
			Housing Material	Aluminum
			Reflector material	–
			Optic material	–
			Optical cover material	Polymethyl methacrylate
			Fixation material	Stainless steel
Service tag	Yes		Housing Color	White
Product family code	SP532P [TrueLine DIRECT/INDIRECT OC]		Optical cover finish	Frosted
Lighting Technology	LED		Overall length	1,409 mm
Value ladder	Specification		Overall width	55 mm
Embedded control	–		Overall height	121 mm
CE mark	Yes		Dimensions (Height x Width x Depth)	121 x 55 x 1409 mm
Warranty period	5 years			
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	IK02 [0.2 J standard]
EU RoHS compliant	Yes		Protection class IEC	Safety class I

Light Technical

Luminous Flux	4,750 lm		**Initial Performance (IEC Compliant)**	
Correlated Color Temperature (Nom)	3000 K		Luminous flux tolerance	+/-10%
Luminous Efficacy (rated) (Nom)	132 lm/W		Initial chromaticity	(0.43, 0.40) SDCM <3
Color rendering index (CRI)	≥80		Power consumption tolerance	+/-10%
Number of light sources	1			
Light source color	830 warm white		**Over Time Performance (IEC Compliant)**	
Optic type	–		Control gear failure rate at median useful life 50000 h	5 %
Optical cover type	Polymethyl methacrylate bowl/cover		Lumen maintenance at median useful life* 50000 h	L85
Luminaire light beam spread	100°			
Unified glare rating CEN	16		**Application Conditions**	

Operating and Electrical

			Performance ambient temperature Tq	25 °C
Input Voltage	220-240 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	36 W		Order product name	SP532P LED47S/830 PSD PI5 SM2 L1410 9003
Power Factor (Fraction)	0.9			
Connection	Push-in connector 5-pole		Full product name	SP532P LED47S/830 PSD PI5 SM2 L1410 9003
Cable	Cable 1.7 m without plug 5-pole PVC silver			
Number of products on MCB of 16 A type B	24		Full product code	871869906332000
			Order code	910504105203
			Material Nr. (12NC)	910504105203

Temperature

			Numerator – Quantity Per Pack	1
Ambient temperature range	+10 to +40 °C		EAN/UPC – Product/Case	8718699063320
			Numerator – Packs per outer box	1

Controls and Dimming

			EAN/UPC – Case	8718699063320
Dimmable	Yes			
Driver/power unit/transformer	Power supply unit with DALI interface			
Control interface	DALI			

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Dimensional drawing

www.lighting.philips.com

2023, October 9 – data subject to change