PHILIPS Lighting



TrueLine, suspended

SP532P 47S/940 PSD SM2 L1410 ALU

SP532P | TrueLine DIRECT/INDIRECT OC, 34 W, 1410x55 mm; H88 mm, SM2, 4700 lm, 4000 K, CRI>90, DALI, UGR16

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<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		Lighting Technology	LED
Light source replaceable	No	Value ladder	Specification
Number of gear units	1 unit	Warranty period	5 years
Driver included	Yes	Sustainability rating	Lighting for circularity
Service tag	Yes		

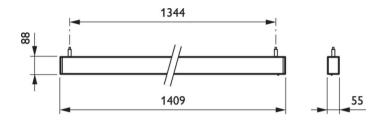
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Light Technical	
Luminous Flux	4,700 lm
Saturated Red (R9)	>50
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	138 lm/W
Color rendering index (CRI)	>90
Beam angle of light source	120 degree(s)
Light source color	940 neutral white
Optic type	Wide beam
Luminaire light beam spread	80°
Unified glare rating CEN	16
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	19.4 A
Inrush time	200 ms
Power Consumption	34 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 5-pole
Cable	Cable 1.5 m with push-in connector 5-
	pole
Number of products on MCB of 16 A type B	18
Suitable for random switching	No
Protection class IEC	Safety class I
Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
Constant light output	No
DALI Standard	DALI-2™
Maximum dim level	1%
Mechanical and Housing	
Housing Material	Aluminum
Reflector material	-
Optic material	
Optical cover material	-
Fixation material	- Polymethyl methacrylate
	Stainless steel
Housing Color	
Housing Color Optical cover finish	Stainless steel
Housing Color	Stainless steel Aluminum
Housing Color Optical cover finish	Stainless steel Aluminum Frosted
Housing Color Optical cover finish Overall length	Stainless steel Aluminum Frosted 1,409 mm
Housing Color Optical cover finish Overall length Overall width	Stainless steel Aluminum Frosted 1,409 mm 55 mm
Housing Color Optical cover finish Overall length Overall width Overall height	Stainless steel Aluminum Frosted 1,409 mm 55 mm 88 mm
Housing Color Optical cover finish Overall length Overall width Overall height Dimensions (Height x Width x Depth)	Stainless steel Aluminum Frosted 1,409 mm 55 mm 88 mm 88 x 55 x 1409 mm

Net Weight (Piece)	4.100 kg	
Approval and Application	T	
Glow-wire test	Temperature 650 °C, duration 30 s	
Flammability mark	For mounting on normally flammable	
	surfaces	
CE mark	Yes	
ENEC mark	ENEC mark	
Photobiological risk	Photobiological risk group 1@200mm t	
	EN62778	
EU RoHS compliant	Yes	
Performance ambient temperature Tq	25 ℃	
Flickering value (PstLM) - Flickering value as	1	
per EN 61000-3-3		
Stroboscopic effect visibility measure (SVM)	0.4	
Ambient temperature range	+10 to +40 °C	
Initial Performance (IEC Compliant)		
Luminous flux tolerance	+/-10%	
Initial chromaticity	(0.38, 0.38) SDCM <3	
Power consumption tolerance	+/-10%	
Standard Deviation of Colour Matching	SDCM≤3	
(McAdam ellipse)		
Over Time Performance (IEC Complian	t)	
Control gear failure rate at median useful life	0.05 %	
50000 h		
Control gear failure rate at median useful life	0.1 %	
100000 h		
Lumen maintenance at median useful life*	L90	
50000 h		
Lumen maintenance at median useful life*	L80	
Lumen maintenance at median useful life* 100000 h	L80	
	L80	
	L80	
100000 h	L80 SP532P 47S/940 PSD SM2 L1410 ALU	
100000 h Product Data		
100000 h Product Data Order product name	SP532P 47S/940 PSD SM2 L1410 ALU	
100000 h Product Data Order product name Full product name	SP532P 47S/940 PSD SM2 L1410 ALU SP532P 47S/940 PSD SM2 L1410 ALU	
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100000 h Product Data Order product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack EAN/UPC - Product/Case	SP532P 475/940 PSD SM2 L1410 ALU SP532P 475/940 PSD SM2 L1410 ALU 871951497254400 910505103164 910505103164 1 8719514972544	
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Dimensional drawing





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