PHILIPS Lighting



TrueLine, suspended

SP532P 29S/940 PSD LF2 SM2 L1410 ALU

SP532P | TrueLine DIRECT/INDIRECT OC, 21 W, 1410x55 mm; H88 mm, SM2, 2900 lm, 4000 K, CRI>90, DALI, UGR13

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		

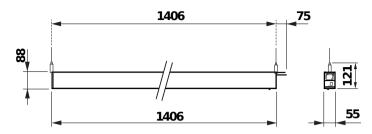
TrueLine, suspended

Light Technical	
Luminous Flux	2,900 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	13
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	21 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%
Machanical and Housing	
Mechanical and Housing	Aluminum
Housing Material	Aluminum
Reflector material	-
Optic material	- Dolymothyl roothoomilat-
Optical cover material	Polymethyl methacrylate
Fixation material	Stainless steel
Hereita - Colon	A 1
Housing Color	Aluminum
Optical cover finish	Frosted
Optical cover finish Overall length	Frosted 1,406 mm
Optical cover finish Overall length Overall width	Frosted 1,406 mm 55 mm
Optical cover finish Overall length Overall width Overall height	Frosted 1,406 mm 55 mm 88 mm
Optical cover finish Overall length Overall width	Frosted 1,406 mm 55 mm
Optical cover finish Overall length Overall width Overall height	Frosted 1,406 mm 55 mm 88 mm
Optical cover finish Overall length Overall width Overall height Dimensions (Height x Width x Depth)	Frosted 1,406 mm 55 mm 88 mm 88 x 55 x 1406 mm

Approval and Application	
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
The control of the co	to EN62778
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
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)	
(increatin ettipse)	
Over Time Performance (IEC Compliant)
Control gear failure rate at median useful life	0.05 %
50000 h	0.00 %
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*	
	180
100000 h	L80
	L80
100000 h	L80
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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 29S/940 PSD LF2 SM2 L1410 ALU SP532P 29S/940 PSD LF2 SM2 L1410 ALU 871951497242100 910505103208 910505103208
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 Numerator - Packs per outer box	SP532P 29S/940 PSD LF2 SM2 L1410 ALU SP532P 29S/940 PSD LF2 SM2 L1410 ALU 871951497242100 910505103208 910505103208 1 8719514972421
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TrueLine, suspended

Dimensional drawing





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