# **PHILIPS** Lighting



# TrueLine, suspended

# SP532P 66S/940 PSD SM2 L1410 ALU

SP532P | TrueLine DIRECT/INDIRECT OC, 48 W, 1410x55 mm; H88 mm, SM2, 6600 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		

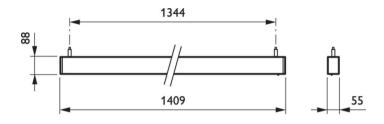
## TrueLine, suspended

Luminous Flux6.600 lmSaturated Ref (P9)>50Correlated Color Temperature (Nom)4000 KLuminous Efficacy (rated) (Nom)138 lm/WColor rendering index (CRI)>90Beam angle of light source120 degree(s)Light source color940 neutral whiteOptic typeWide beamLuminaire light beam spread80°Unified glare rating CEN16Operating and Electrical10Input Voltage220 to 240 VLine Frequency50 to 60 HzInrush current25 APower Consumption48 WPower Consumption0.9Connection0.9Connection9.0Suitable for random switchingNoProtection class IECSafety class 1Controls and DimmingYesDiver/power unit/transformerPower supply unit with DALI interfaceControl interfaceDALIControl interfaceDALIControl and DimmingYesDiver/power unit/transformerPower supply unit with DALI interfaceDiver/power unit/transformerPower supply unit with DALI interfaceControl interfaceDALIControl interfaceDALIControl interfacePower supply unit with DALI interfaceControl interfaceDALIControl interfaceDALIControl interfaceDALIControl interfacePower supply unit with DALI interfaceControl interfaceDALIControl interfaceDALI <tr< th=""><th></th><th></th></tr<>		
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Operating and Electrical     Input Voltage   220 to 240 V     Line Frequency   50 to 60 Hz     Inrush current   25 A     Inrush time   230 ms     Power Consumption   48 W     Power Factor (Fraction)   0.9     Connection   Push-in connector 5-pole     Cable   Cable 1.5 m with push-in connector 5-pole     Cable   Cable 1.5 m with push-in connector 5-pole     Suitable for random switching   No     Protection class IEC   Safety class 1     Controls and Dimming   Ves     Dimmable   Yes     Driver/power unit/transformer   Power supply unit with DAL1 interface     Control interface   DAL1     Constant light output   No     DAL I Standard   DAL1-2""     Maximum dim level   1%     Mechanical and Housing   -     Housing Material   Aluminum     Reflector material   -     Optical cover material   Polymethyl methacrylate     Fixation material   Stainless steel     Housing Color   Aluminum     Optical cover finish   Frosted	Luminaire light beam spread	80°
Input Voltage220 to 240 VLine Frequency50 to 60 HzInrush current25 AInrush time230 msPower Consumption48 WPower Factor (Fraction)0.9ConnectionPush-in connector 5-poleCableCable 1.5 m with push-in connector 5-poleCableCable 1.5 m with push-in connector 5-poleSuitable for random switchingNoProtection class IECSafety class 1Controls and DimmingYesDimmableYesDriver/power unit/transformerPower supply unit with DALI interfaceControl interfaceDALIControl interfaceDALIControl meterialNoPoleNoPoleYesDimableYesDirver/power unit/transformerPower supply unit with DALI interfaceControl interfaceDALIControl interfaceDALIControl meterial-Optic and relStainless steelHousing MaterialAluminumReflector material-Optical cover materialStainless steelHousing ColorAluminumOptical cover finishFrostedOverall leight88 mmOverall height x Width x Depth)88 x 55 x 1409 mmIngress protection codeIP20 (Finger-protected]Mech. impact protection codeIK02 (0.2 J standard)	Unified glare rating CEN	16
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Cable     Cable 1.5 m with push-in connector 5- pole       Number of products on MCB of 16 A type B     12       Suitable for random switching     No       Protection class IEC     Safety class I       Controls and Dimming     Yes       Dimmable     Yes       Driver/power unit/transformer     Power supply unit with DALI Interface       Control interface     DALI       Constant light output     No       DALI Standard     DALI-2 <sup>ma</sup> Maximum dim level     1%       Housing Material     Aluminum       Reflector material     -       Optical cover material     Polymethyl methacrylate       Fixation material     Stainless steel       Housing Color     Aluminum       Optical cover finish     Frosted       Overall length     1.409 mm       Overall height     88 mm       Dimensions (Height x Width x Depth)     88 x 55 x 1409 mm       Ingress protection code     I/20 (Einger-protected]	Power Factor (Fraction)	0.9
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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   I     Housing Material   Aluminum     Reflector material   -     Optic material   -     Optical cover material   Polymethyl methacrylate     Fixation material   Stainless steel     Housing Color   Aluminum     Optical cover finish   Frosted     Overall length   1,409 mm     Overall height   88 mm     Dimensions (Height x Width x Depth)   88 x 55 x 1409 mm     Ingress protection code   IP20 [Finger-protected]     Mech. impact protection code   IK02 [0.2 J standard]	Suitable for random switching	No
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DALI Standard   DALI-2™     Maximum dim level   1%     Mechanical and Housing   Image: Standard S	Control interface	DALI
Maximum dim level1%Mechanical and HousingHousing MaterialAluminumReflector material-Optic material-Optical cover materialPolymethyl methacrylateFixation materialStainless steelHousing ColorAluminumOptical cover finishFrostedOverall length1,409 mmOverall width55 mmOverall height88 mmDimensions (Height x Width x Depth)88 x 55 x 1409 mmIngress protection codeIP20 [Finger-protected]Mech. impact protection codeIK02 [0.2 J standard]	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   Aluminum     Optical cover finish   Frosted     Overall length   1,409 mm     Overall width   55 mm     Overall height   88 mm     Dimensions (Height x Width x Depth)   88 x 55 x 1409 mm     Ingress protection code   IP20 [Finger-protected]     Mech. impact protection code   IK02 [0.2 J standard]	DALI Standard	DALI-2 <sup>™</sup>
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Reflector material-Optic material-Optical cover materialPolymethyl methacrylateFixation materialStainless steelHousing ColorAluminumOptical cover finishFrostedOverall length1,409 mmOverall width55 mmOverall height88 mmDimensions (Height x Width x Depth)88 x 55 x 1409 mmIngress protection codeIP20 [Finger-protected]Mech. impact protection codeIK02 [0.2 J standard]	Housing Material	Aluminum
Optical cover materialPolymethyl methacrylateFixation materialStainless steelHousing ColorAluminumOptical cover finishFrostedOverall length1,409 mmOverall width55 mmOverall height88 mmDimensions (Height x Width x Depth)88 x 55 x 1409 mmIngress protection codeIP20 [Finger-protected]Mech. impact protection codeIK02 [0.2 J standard]	Reflector material	-
Optical cover materialPolymethyl methacrylateFixation materialStainless steelHousing ColorAluminumOptical cover finishFrostedOverall length1,409 mmOverall width55 mmOverall height88 mmDimensions (Height x Width x Depth)88 x 55 x 1409 mmIngress protection codeIP20 [Finger-protected]Mech. impact protection codeIK02 [0.2 J standard]	Optic material	_
Fixation materialStainless steelHousing ColorAluminumOptical cover finishFrostedOverall length1,409 mmOverall width55 mmOverall height88 mmDimensions (Height x Width x Depth)88 x 55 x 1409 mmIngress protection codeIP20 [Finger-protected]Mech. impact protection codeIK02 [0.2 J standard]	Optical cover material	Polymethyl methacrylate
Optical cover finish Frosted   Overall length 1,409 mm   Overall width 55 mm   Overall height 88 mm   Dimensions (Height x Width x Depth) 88 x 55 x 1409 mm   Ingress protection code IP20 [Finger-protected]   Mech. impact protection code IK02 [0.2 J standard]	Fixation material	
Optical cover finish Frosted   Overall length 1,409 mm   Overall width 55 mm   Overall height 88 mm   Dimensions (Height x Width x Depth) 88 x 55 x 1409 mm   Ingress protection code IP20 [Finger-protected]   Mech. impact protection code IK02 [0.2 J standard]	Housing Color	Aluminum
Overall length     1,409 mm       Overall width     55 mm       Overall height     88 mm       Dimensions (Height x Width x Depth)     88 x 55 x 1409 mm       Ingress protection code     IP20 [Finger-protected]       Mech. impact protection code     IK02 [0.2 J standard]	Optical cover finish	
Overall width 55 mm   Overall height 88 mm   Dimensions (Height x Width x Depth) 88 x 55 x 1409 mm   Ingress protection code IP20 [Finger-protected]   Mech. impact protection code IK02 [0.2 J standard]	Overall length	
Overall height 88 mm   Dimensions (Height x Width x Depth) 88 x 55 x 1409 mm   Ingress protection code IP20 [Finger-protected]   Mech. impact protection code IK02 [0.2 J standard]	Overall width	· · · · · · · · · · · · · · · · · · ·
Dimensions (Height x Width x Depth)   88 x 55 x 1409 mm     Ingress protection code   IP20 [Finger-protected]     Mech. impact protection code   IK02 [0.2 J standard]		
Ingress protection code IP20 [Finger-protected]   Mech. impact protection code IK02 [0.2 J standard]		
Mech. impact protection code IK02 [0.2 J standard]		
Suspended Suspension Set 2-WIPe		
	mounting	suspenaea suspension set 2-wire

	4100 -
Net Weight (Piece)	4.100 kg
Approval and Application	
	Tomporature 650 °C duration 20 c
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
	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)	
Over Time Performance (IEC Compliant	)
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
100000 h	
Product Data	
Order product name	SP532P 66S/940 PSD SM2 L1410 ALU
Full product name	
Full product code	SP532P 66S/940 PSD SM2 L1410 ALU
	SP532P 66S/940 PSD SM2 L1410 ALU 871951497261200
Order code	
Order code Material Nr. (12NC)	871951497261200
	871951497261200 910505103185
Material Nr. (12NC)	871951497261200 910505103185 910505103185
Material Nr. (12NC) Numerator - Quantity Per Pack	871951497261200 910505103185 910505103185 1
Material Nr. (12NC) Numerator - Quantity Per Pack EAN/UPC - Product/Case Numerator - Packs per outer box	871951497261200 910505103185 910505103185 1 8719514972612 1
Material Nr. (12NC) Numerator - Quantity Per Pack EAN/UPC - Product/Case	871951497261200 910505103185 910505103185 1 8719514972612

### TrueLine, suspended

#### Dimensional drawing





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