



TrueLine, suspended

SP532P 29S/940 DEIA LNP SM2 L1410 BK

TrueLine, suspended, 21 W, 1410x55 mm; H88 mm, SM2, 2900 lm, 4000 K, CRI>90, DALI, Interact Ready, UGR19, TP(b), EL-DC

Architects need a lighting solution that matches the interior architecture of the property they are working on. They want a light line with an elegant design and very high light levels. Specifiers need luminaires that enable them to save energy while at the same time providing the right level of light, in compliance with office lighting norms. TrueLine, suspended is able to meet both sets of requirements. TrueLine is also available in a recessed version.

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		Color rendering index (CRI)	
Number of gear units	1 unit		>90
Driver included	Yes	Beam angle of light source	120 degree(s)
Value ladder	Specification	Light source color	940 neutral white
Warranty period	5 years	Optic type	Wide beam
		Luminaire light beam spread	80°
		Unified glare rating CEN	19
Light Technical		Indirect glare reduction measure for Display Screen Equipment (EN 12464-2021)	L65≤3000 cd/m ²
Luminous Flux	2,900 lm		
Saturated Red (R9)	>50		
Correlated Color Temperature (Nom)	4000 K		
Luminous Efficacy (rated) (Nom)	138 lm/W		
		Operating and Electrical	
		Input Voltage	220 to 240 V

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Line Frequency	50 to 60 Hz
Inrush current	19.4 A
Inrush time	200 ms
Power Consumption	21 W
Power Factor (Fraction)	0.90
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	Dali dimming Interact System ready external for central emergency lighting
Control interface	DALI
Constant light output	No
DALI Standard	D4i™ DALI-2™
Maximum dim level	1%
Connectivity	Interact Ready

Mechanical and Housing

Housing Material	Aluminum
Reflector material	-
Optic material	Polymethyl methacrylate
Optical cover material	Polymethyl methacrylate
Fixation material	Stainless steel
Housing Color	Black
Optical cover finish	Frosted
Overall length	1,406 mm
Overall width	55 mm
Overall height	88 mm
Dimensions (Height x Width x Depth)	88 x 55 x 1406 mm
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK03 [0.35 J reinforced]
Mounting	Suspension set 2-wire
Net Weight (Piece)	4.100 kg

Emergency Operation

Central Emergency	Yes
Emergency lighting	DC operated central emergency lighting

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 to EN62778
EU RoHS compliant	Yes
Diffuser Flammability Class	TP(b) diffuser flammability class

Performance ambient temperature Tq	25 °C
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
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 (McAdam ellipse)	SDCM≤3

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50000 h	5 %
Control gear failure rate at median useful life 100000 h	0.1 %
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h	L90
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h	L80

Sustainability Data

Sustainability rating	Unclassified
Repair class	Repair Class C, the driver of this luminaire can be replaced by a service technician. Special care is required during disassembly and reassembly, and specific tools may be required. Parts and documentation are available for a period of time.
Embedded carbon (A1-A3)	84.2 kg CO ₂ e
Product non-virgin material ratio	10.7 %
Recyclable content ratio of the finished product	63 %
GWP total B6 (kg CO ₂ eq) Declared Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * Service life (hrs) Declared Unit * Energy mix (kg CO ₂ eq / kWh)
GWP total B6 (kg CO ₂ eq) Functional Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * 1000 (lm) / lumen output (lm) Declared Unit * 35000 (hrs) * Energy mix (kg CO ₂ eq / kWh)

Product Data

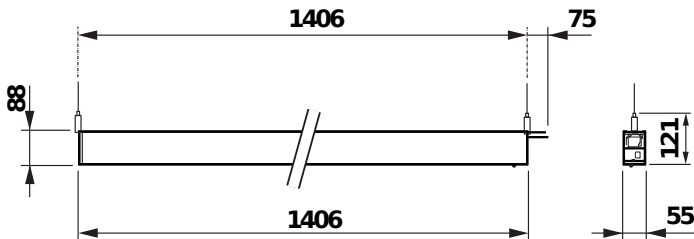
Order product name	SP532P 29S/940 DEIA LNP SM2 L1410 BK
Full product name	SP532P 29S/940 DEIA LNP SM2 L1410 BK
Full product code	871951497244500
Order code	97244500
Material Nr. (12NC)	910505106178
Numerator - Quantity Per Pack	1

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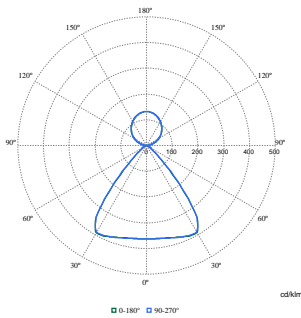
EAN/UPC - Product/Case	8719514972445
Numerator - Packs per outer box	1
EAN/UPC - Case	8719514972445

Product family code	SP532P [TrueLine DIRECT/INDIRECT OC]
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Dimensional drawing



Photometric data



Polar Normal (separate) - SP530PI - 910505106178

