



# TrueLine, suspended

## SP532P 94S/940 DEIA SM2 L2810 WH

TrueLine, suspended, 67 W, 2810x55 mm; H88 mm, SM2, 9400 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 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 174 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		Warranty period	
Number of gear units	1 unit	5 years	
Driver included	Yes	Light Technical	
Value ladder	Specification	Luminous Flux	9,400 lm
		Saturated Red (R9)	>50

## TrueLine, suspended

Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	140 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	19
Indirect glare reduction measure for Display Screen Equipment (EN 12464-2021)	L65s3000 cd/m <sup>2</sup>

### 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	67 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	12
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	D4j™ 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	White
Optical cover finish	Frosted
Overall length	2,814 mm
Overall width	55 mm
Overall height	88 mm
Dimensions (Height x Width x Depth)	88 x 55 x 2814 mm
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK03 [0.35 J reinforced]
Mounting	Suspension set 2-wire
Net Weight (Piece)	7.000 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

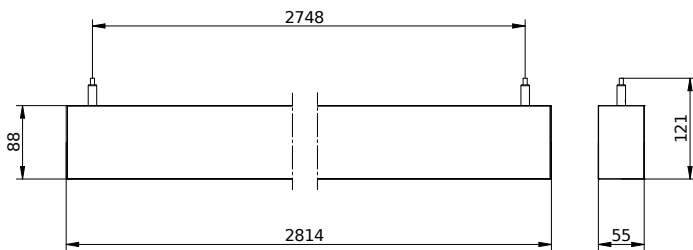
### Sustainability Data

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 <sub>2e</sub>
Product non-virgin material ratio	10.7 %
Recyclable content ratio of the finished product	63 %
GWP total B6 (kg CO <sub>2eq</sub> ) Declared Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) *

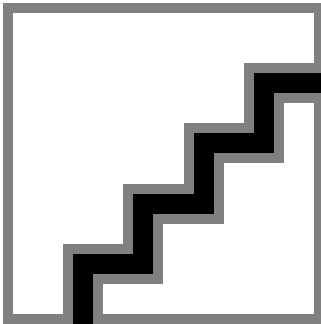
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	Service life (hrs) Declared Unit * Energy mix (kg CO2eq / kwh)	<b>Full product code</b>	871951497308400
<b>GWP total B6 (kg CO2eq) Functional Unit</b>	Please calculate using your local energy mix value: Power Declared Unit (kW) * 1000 (lm) /lumen output (lm) Declared Unit * 35000 (hrs) * Energy mix (kg CO2 eq / kwh)	<b>Order code</b>	910505106211
		<b>Material Nr. (12NC)</b>	910505106211
		<b>Numerator - Quantity Per Pack</b>	1
		<b>EAN/UPC - Product/Case</b>	8719514973084
		<b>Numerator - Packs per outer box</b>	1
		<b>EAN/UPC - Case</b>	8719514973084
		<b>Product family code</b>	SP532P [TrueLine DIRECT/INDIRECT OC]
<b>Product Data</b>			
<b>Order product name</b>	SP532P 94S/940 DEIA SM2 L2810 WH		
<b>Full product name</b>	SP532P 94S/940 DEIA SM2 L2810 WH		

### Dimensional drawing



### Photometric data



Polar Normal (separate) - SP530PI - 910505106211

