# **PHILIPS** Lighting



# TrueLine, suspended

# SP531P LED19S/840 PSD PI5 SM2 L1410 ALU

TrueLine DIRECT NOC, LED module, system flux 1900 lm, 840 neutral white, Power supply unit with DALI interface, Push-in connector 5-pole, Aluminium

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. Users 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<lt/>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, colours 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		Light source replaceable	No
Lamp family code	LED19S [LED module, system flux 1900 lm]	Number of gear units	Unit
Cap base	- [-]	Gear	GRT [Gear tray (without gear)]

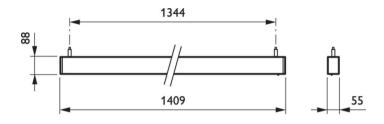
## TrueLine, suspended

Driver included	Yes
Remarks	*- According to the Lighting Europe guidance
	paper 'Evaluating performance of LED based
	luminaires – January 2018': statistically there
	is no relevant difference in lumen
	maintenance between the B50 and, for
	example, the B10. Therefore, the median
	useful life (B50) value also represents the B10
	value.
Product family code	SP531P [TrueLine DIRECT NOC]
Lighting Technology	LED
Value ladder	Specification
Embedded control	-
CE mark	Yes
Warranty period	5 years
Flammability mark	For mounting on normally flammable surfaces
ENEC mark	ENEC plus mark
Glow-wire test	Temperature 650 °C, duration 5 s
EU RoHS compliant	Yes
Light Technical	
Luminous Flux	1,900 lm
Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	107 lm/W
Colour rendering index (CRI)	≥80
Light source colour	840 neutral white
Optic type	-
Optical cover type	Polymethyl methacrylate bowl/cover
Luminaire light beam spread	160°
Unified Glare Rating (CEN)	25
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
End CLO power consumption	- W
Inrush current	19 A
Inrush time	0.28 ms
Power Consumption	17.8 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 5-pole
Cable	Cable 1.7 m without plug 5-pole PVC silver
Number of products on MCB of 16 A	24
type B	
Temperature	
Ambient temperature range	+10 to +40 °C
Controls and Dimming	
Dimmable	Yes

Control interface	DALI
Constant light output	No
Mechanical and Housing	
Housing material	Aluminium
Reflector material	-
Optic material	-
Optical cover/lens material	Polycarbonate
Fixation material	Stainless steel
Housing Colour	Aluminium
Optical cover/lens finish	Opal
Overall length	1,409 mm
Overall width	55 mm
Overall height	121 mm
Dimensions (height x width x depth)	121 x 55 x 1409 mm
Approval and Application	
Ingress protection code	IP40 [Wire-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Protection class IEC	Safety class I
	-
Initial Performance (IEC Complian	t)
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38, 0.38) SDCM <3
Power consumption tolerance	+/-10%
Over Time Performance (IEC Comp	pliant)
Control gear failure rate at median	5%
useful life 50,000 h	
Lumen maintenance at median useful	L85
life* 50,000 h	
-	
Application Conditions	
Performance ambient temperature Tq	25 °C
Maximum dim level	1%
Suitable for random switching	No
Product Data	
Order product name	SP531P LED19S/840 PSD PI5 SM2 L1410 ALU
Full product name	SP531P LED19S/840 PSD PI5 SM2 L1410 ALU
Full EOC	871869687429500
Order code	87429500
Material no. (12 NC)	910504100203
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8718696874295
	0/100000/4200
	1
Numerator – packs per outer box EAN/UPC - Case	1 8718696874295

### TrueLine, suspended

#### Dimensional drawing





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