

TrueLine, suspended

SP532P LED49S/840 PSD PI5 SM2 L1130 ALU

TrueLine DIRECT/INDIRECT OC, LED module, system flux 4900 lm, 840 neutral white, Power supply unit with DALI interface, Push-in connector 5-pole, Aluminum

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	
Lamp family code	LED49S [LED module, system flux 4900 lm]
Cap-Base	- [-]
Light source replaceable	No
Number of gear units	1 unit
Gear	GRT [Gear tray (without gear)]
Driver included	Yes
Remarks	*-Per Lighting Europe guidance paper "Evaluating performance of LED based luminaires - January 2018": statistically there is no relevant difference in lumen maintenance between B50 and for example B10. Therefore, the median useful life (B50) value also represents the B10 value.
Service tag	Yes
Product family code	SP532P [TrueLine DIRECT/INDIRECT OC]
Lighting Technology	LED
Value ladder	Specification
Embedded control	-
CE mark	Yes

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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	4,950 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	132 lm/W
Color rendering index (CRI)	≥80
Number of light sources	1
Light source color	840 neutral white
Optic type	-
Optical cover type	Polymethyl methacrylate bowl/cover
Luminaire light beam spread	100°
Unified glare rating CEN	16

Operating and Electrical

Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
End CLO power consumption	- W
Inrush current	19 A
Inrush time	0.28 ms
Power Consumption	35.5 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 type B	24

Temperature

Ambient temperature range	+10 to +40 °C

Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
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	1,130 mm
Overall width	55 mm
Overall height	121 mm
Dimensions (Height x Width x Depth)	121 x 55 x 1130 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 Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38, 0.38) SDCM <3
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50000 h	5 %
Lumen maintenance at median useful life* 50000 h	L85

Application Conditions

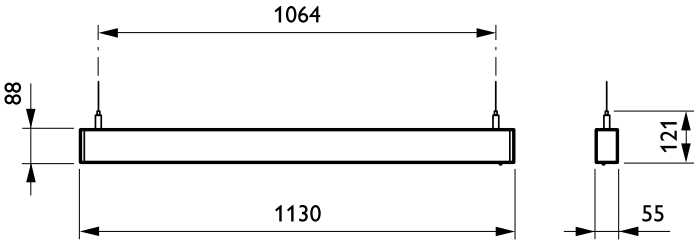
Performance ambient temperature Tq	25 °C
Maximum dim level	1%
Suitable for random switching	No

Product Data

Order product name	SP532P LED49S/840 PSD PI5 SM2 L1130 ALU
Full product name	SP532P LED49S/840 PSD PI5 SM2 L1130 ALU
Full product code	871869687118800
Order code	87118800
Material Nr. (12NC)	910504097403
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696871188
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696871188

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Dimensional drawing



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