

TrueLine, suspended

SP532P LED49S/840 PSD ACL PI5 SM2 L1170

TrueLine DIRECT/INDIRECT OC - LED Module, system flux 4900 lm - 840 neutral white - Power supply unit with DALI interface - ActiLume - Push-in connector 5-pole - Suspension set 2-wire - 1170 mm

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 recessed and surface-mounted versions.

Product data

General Information	
Number of light sources	1 pc
Lamp family code	LED49S [LED Module, system flux 4900 lm]
Light source color	840 neutral white
Cap-Base	- [-]
Light source replaceable	No
Number of gear units	1 unit
Gear	GRT [Gear tray (without gear)]
Driver/power unit/transformer	Power supply unit with DALI interface
Driver included	Yes
Optic type	-
Optical cover/lens type	Polymethyl methacrylate bowl/cover
Luminaire light beam spread	100°
Embedded control	ActiLume
Control interface	DALI

Connection	Push-in connector 5-pole
Cable	Cable 1.7 m without plug 5-pole PVC silver
Protection class IEC	Safety class I
Mounting	Suspension set 2-wire
Standard RAL color	-
Glow-wire test	Temperature 650 °C, duration 5 s
Flammability mark	For mounting on normally flammable surfaces
Type description	Office compliant version
CE mark	CE mark
ENEC mark	ENEC plus mark
UL mark	-
Warranty period	5 years
Remarks	*-Per Lighting Europe guidance paper "Evaluating performance of LED based luminaires - January 2018": statistically there

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	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.
Constant light output	No
Number of products on MCB of 16 A type B	24
RoHS mark	RoHS mark
WEEE mark	WEEE mark
Accessory PFC	N/A
Product family code	SP532P [TrueLine DIRECT/INDIRECT OC]
Unified glare rating CEN	16

Operating and Electrical

Input Voltage	220-240 V
Input Frequency	50 to 60 Hz
Control signal voltage	0-16 V DC DALI
Inrush current	19 A
Inrush time	0.28 ms
Power Factor (Min)	0.9

Controls and Dimming

Dimmable	Yes

Mechanical and Housing

Housing Material	Aluminum
Reflector material	-
Optic material	-
Optical cover/lens material	Polymethyl methacrylate
Gear tray material	Steel
Fixation material	Stainless steel
Optical cover/lens finish	Frosted
Overall length	1170 mm
Overall width	55 mm
Overall height	121 mm
Length	1170 mm
Color	Aluminum

Approval and Application

Ingress protection code	IP40 [Wire-protected]
Mech. impact protection code	IK02 [0.2 J standard]

Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	4950 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	136 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	≥80
Initial chromaticity	(0.38, 0.38) SDCM <3
Initial input power	36.5 W
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

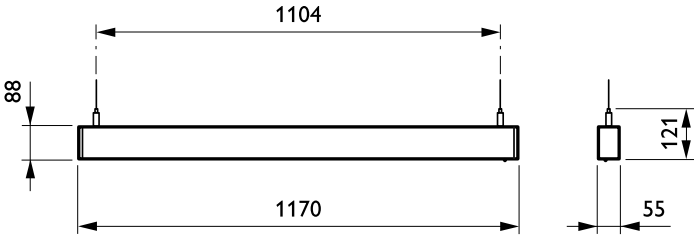
Ambient temperature range	+10 to +40 °C
Performance ambient temperature Tq	25 °C
Maximum dim level	1%
Suitable for random switching	Yes

Product Data

Full product code	871869906277400
Order product name	SP532P LED49S/840 PSD ACL PI5 SM2 L1170
EAN/UPC - Product	8718699062774
Order code	910504103203
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910504103203
Net Weight (Piece)	3.500 kg

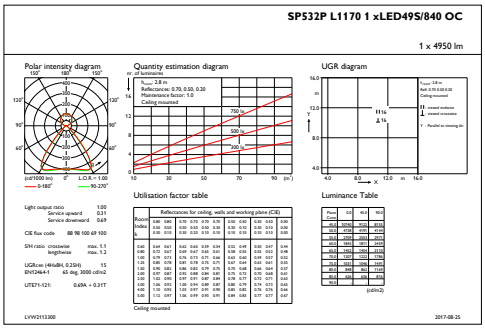
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Dimensional drawing

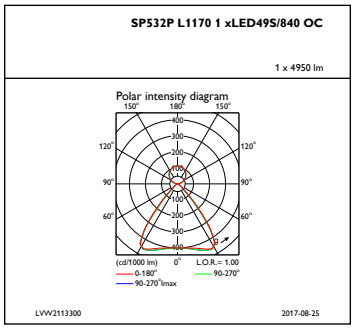


TrueLine suspended SP530P-SP533P

Photometric data



IFGU1_SP532PL11701xLED49S840OC



IFPC1_SP532PL11701xLED49S840OC

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