



TrueLine, suspended

SP530P LED25S/840 POE SW2 L1130 ALU

TrueLine DIRECT OC - LED Module, system flux 2500 lm - 840 neutral white - Luminaire controller with power over Ethernet - Suspension wire, 2-wire - 1130 mm - Aluminum

With Power-over-Ethernet (PoE) technology, TrueLine PoE receives power and data over a single standard Ethernet cable, eliminating the need for separate power cabling. With the simple click of a connector, TrueLine PoE luminaires become part of a complete, integrated connected lighting system, delivering extraordinary illumination experiences and value beyond illumination. A built-in lighting and control system gives office users personal control over their preferred light settings via a specially designed smartphone app. With integrated sensors, TrueLine PoE luminaires can track activity patterns, daylight levels, and in the near future humidity, CO₂, temperature, or other data. This data allows facility managers to gain deep insight into building operations, helping them optimize the delivery of resources, enhance the experience and performance of occupants, and support improved asset management.

Product data

General Information			
Number of light sources	1 pc	Optic type	-
Lamp family code	LED25S [LED Module, system flux 2500 lm]	Optical cover/lens type	Polymethyl methacrylate bowl/cover
Light source color	840 neutral white	Luminaire light beam spread	100°
Cap-Base	- [-]	Embedded control	-
Light source replaceable	No	Control interface	Power over Ethernet
Number of gear units	1 unit	Connection	RJ45 connector, male
Gear	GRT [Gear tray (without gear)]	Cable	-
Driver/power unit/transformer	Luminaire controller with power over Ethernet	Protection class IEC	Safety class III
Driver included	Yes	Mounting	Suspension wire, 2-wire
		Standard RAL color	-

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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 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	-
RoHS mark	RoHS mark
WEEE mark	WEEE mark
Accessory PFC	N/A
Product family code	SP530P [TrueLine DIRECT OC]
Unified glare rating CEN	19

Operating and Electrical

Input Voltage	51 to 54 V
Input Frequency	- Hz
Control signal voltage	42.5 to 57 V DC POE+
End CLO power consumption	- W
Inrush current	19 A
Inrush time	0.28 ms
Power Factor (Min)	-

Controls and Dimming

Dimmable	Yes
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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	1130 mm

Overall width	55 mm
Overall height	121 mm
Length	1130 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)	2500 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	147 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	≥80
Initial chromaticity	(0.38, 0.38) SDCM <3
Initial input power	17 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

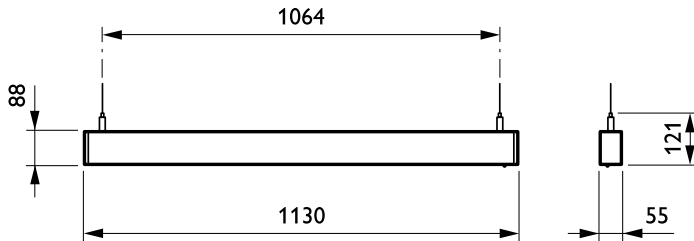
Ambient temperature range	+10 to +40 °C
Performance ambient temperature Tq	25 °C
Maximum dim level	1%
Suitable for random switching	No

Product Data

Full product code	871869687495000
Order product name	SP530P LED25S/840 POE SW2 L1130 ALU
EAN/UPC - Product	8718696874950
Order code	910504101403
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910504101403
Net Weight (Piece)	3.200 kg

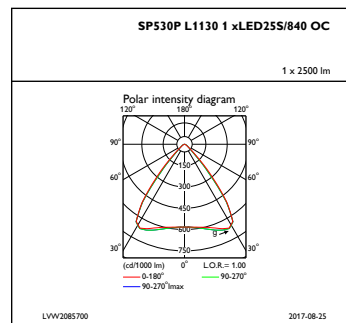
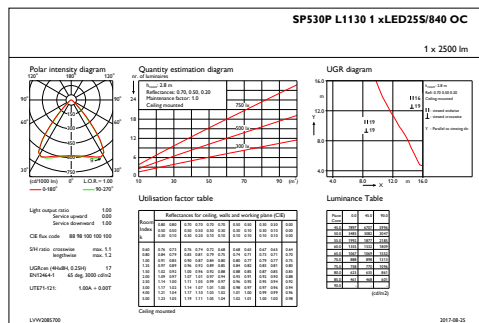
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Dimensional drawing



TrueLine suspended SP530P-SP533P

Photometric data



IFGU1_SP530PL11301xLED25S840OC

IFPC1_SP530PL11301xLED25S840OC

