

TrueLine, suspended

SP533P LED24S/830 PSD PI5 SM2 L1130 ALU

TrueLine DIRECT/INDIRECT NOC - LED Module, system flux 2400 lm - 830 warm white - Power supply unit with DALI interface - Push-in connector 5-pole - Suspension set 2-wire - 1130 mm - Aluminium

Architects need a lighting solution that matches the interior architecture of the property that 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 also providing the right level of light, in compliance with office-lighting regulations. 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 [1 pc]
Lamp family code	LED24S [LED Module, system flux 2400 lm]
Light source colour	830 warm white
Cap base	- [-]
Light source replaceable	No
Number of gear units	1 unit
Gear	Gear tray (without gear)
Driver/power unit/transformer	PSD [Power supply unit with DALI interface]
Driver included	Yes
Optic type	No [-]
Optical cover/lens type	PM [PMMA bowl/cover]
Luminaire light beam spread	160°
Embedded control	No [-]
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	SM2 [Suspension set 2-wire]
Standard RAL colour	-
Glow-wire test	Temperature 650 °C, duration 5 s
Flammability mark	F [For mounting on normally flammable surfaces]
Type description	NOC [Non office compliant version]
CE mark	CE mark
ENEC mark	ENEC plus mark
UL mark	No
Warranty period	5 years
Remarks	*-Per Lighting Europe guidance paper "Evaluating performance of LED based

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	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	24
RoHS mark	RoHS mark
WEEE mark	WEEE mark
Accessory PFC	N/A
Product Family Code	SP533P [TrueLine DIRECT/INDIRECT NOC]
Unified glare rating CEN	22

Operating and Electrical

Input voltage	220-240 V
Input frequency	50 to 60 Hz
Control signal voltage	0-16 V DC DALI
End CLO power consumption	- W
Inrush current	19 A
Inrush time	0.28 ms
Power factor (min.)	0.9

Controls and Dimming

Dimmable	Yes

Mechanical and Housing

Housing material	Aluminium
Reflector material	-
Optic material	-
Optical cover/lens material	Polycarbonate
Gear tray material	Steel
Fixation material	Stainless steel
Optical cover/lens finish	Opal
Overall length	1130 mm
Overall width	55 mm
Overall height	121 mm
Length	1130 mm

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	2440 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	109 lm/W
Init. Corr. colour temperature	3000 K
Init. colour rendering index	≥80
Initial chromaticity	(0.43, 0.40) SDCM <3
Initial input power	22 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

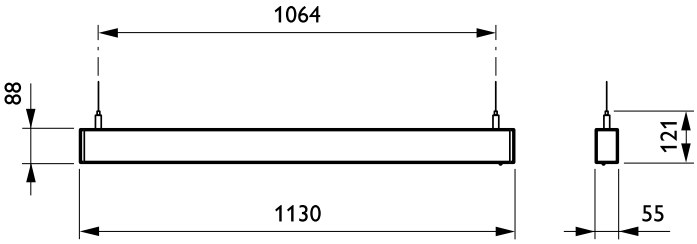
Ambient temperature range	+10 to +40 °C
Performance ambient temperature Tq	25 °C
Maximum dimming level	1%
Suitable for random switching	No

Product Data

Full product code	871869687133100
Order product name	SP533P LED24S/830 PSD PI5 SM2 L1130 ALU
EAN/UPC – product	8718696871331
Order code	87133100
Numerator – quantity per pack	1
Numerator – packs per outer box	1
Material no. (12NC)	910504098303
Net weight (piece)	3.300 kg

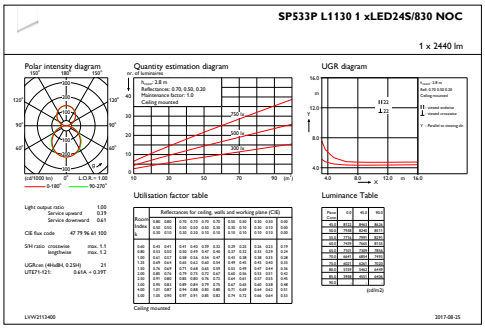
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Dimensional drawing

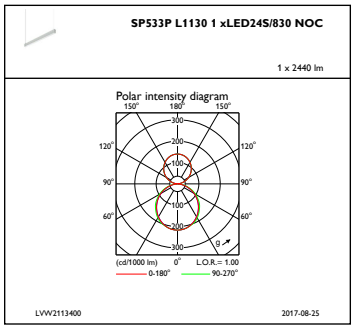


TrueLine suspended SP530P-SP533P

Photometric data



IFGU1_SP533PL11301xLED24S830NOC



IFPC1_SP533PL11301xLED24S830NOC

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