TrueLine, suspended

SP533P LED54S/840 PSD PI5 SM2 L1410 ALU

TrueLine DIRECT/INDIRECT NOC, LED module, system flux 5400 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	LED54S [LED module, system flux 5400 lm]
Cap-Base	– [-]
Light source replaceable	No
Number of gear units	1 unit
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	SP533P [TrueLine DIRECT/INDIRECT NOC]
Lighting Technology	LED
Value ladder	Specification
Embedded control	–
CE mark	Yes

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Warranty period	5 years		Optical cover material	Polycarbonate
Flammability mark	For mounting on normally flammable surfaces		Fixation material	Stainless steel
ENEC mark	ENEC plus mark		Housing Color	Aluminum
Glow-wire test	Temperature 650 °C, duration 5 s		Optical cover finish	Opal
EU RoHS compliant	Yes		Overall length	1,409 mm
			Overall width	55 mm
Light Technical			Overall height	121 mm
Luminous Flux	5,400 lm		Dimensions (Height x Width x Depth)	121 x 55 x 1409 mm
Correlated Color Temperature (Nom)	4000 K			
Luminous Efficacy (rated) (Nom)	106 lm/W		**Approval and Application**	
Color rendering index (CRI)	≥80		Ingress protection code	IP40 [Wire-protected]
Number of light sources	1		Mech. impact protection code	IK02 [0.2 J standard]
Light source color	840 neutral white		Protection class IEC	Safety class I
Optic type	–			
Optical cover type	Polymethyl methacrylate bowl/cover		**Initial Performance (IEC Compliant)**	
Luminaire light beam spread	160°		Luminous flux tolerance	+/-10%
Unified glare rating CEN	25		Initial chromaticity	(0.38, 0.38) SDCM <3
			Power consumption tolerance	+/-10%

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	19 A
Inrush time	0.28 ms
Power Consumption	51 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

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

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	–

Product Data

Order product name	SP533P LED54S/840 PSD PI5 SM2 L1410 ALU
Full product name	SP533P LED54S/840 PSD PI5 SM2 L1410 ALU
Full product code	871869687437000
Order code	87437000
Material Nr. (12NC)	910504101003
Numerator – Quantity Per Pack	1
EAN/UPC – Product/Case	8718696874370
Numerator – Packs per outer box	1
EAN/UPC – Case	8718696874370

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Dimensional drawing

www.lighting.philips.com

2023, April 29 – data subject to change