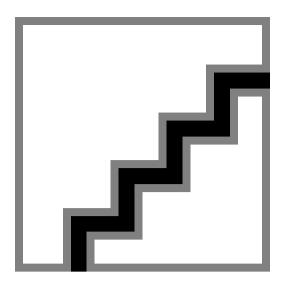
PHILIPS Lighting



TrueLine, suspended

SP533P LED54S/840 PSD LE1 PI5 SM2 L1410

TrueLine DIRECT/INDIRECT NOC, LED module, system flux 5400 lm, 840 neutral white, Power supply unit with DALI interface, Push-in connector 5-pole

Architects need a lighting solution that matches the interior architecture of the space they are enhancing. They want a light line with elegant proportions and high light levels that offers maximum design freedom. Philips TrueLine is a flexible linear luminaire for indoor office applications that offers excellent quality with the promise of future-proof upgrades. Specifiers need luminaires that save energy, at the same time as providing the right level of light. TrueLine recessed meets both these sets of requirements. Not only is it compliant with the WELL Building Standard for Light, TrueLine surface is rated UGR<lt/>19, which is compliant with all office norms (OC). TrueLine also comes in surface and recess-mounted versions. All the luminaires in the family are available in different lengths, shapes, colors and light outputs. This offers the ultimate design flexibility and unlimited possibilities. TrueLine luminaires are also a sustainable, future-proof choice with high efficiency up to 140 lm/W and the option to upgrade to wireless connectivity and control.

Warnings and Safety

- The product is IPXO 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		Light source replaceable	No
Lamp family code	LED54S [LED module, system flux 5400 lm]	Number of gear units	1 unit
Cap-Base	- [-]	Gear	GRT [Gear tray (without gear)]

TrueLine, suspended

Driver included	Yes
Remarks	*-Per Lighting Europe guidance paper
Remarks	"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
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	5,400 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	106 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	160°
Unified glare rating CEN	25
Operating and Electrical	
Input Voltage	220-240 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	24
В	
Temperature	
Ambient temperature range	+10 to +40 °C
Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface

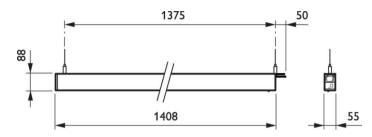
control interface	DALI
Constant light output	No
Mechanical and Housing	
Housing Material	Aluminum
Reflector material	-
Optic material	-
Optical cover material	Polycarbonate
Fixation material	Stainless steel
Housing Color	Aluminum
Optical cover finish	Opal
Overall length	1,408 mm
Overall width	55 mm
Overall height	121 mm
Dimensions (Height x Width x Depth)	121 x 55 x 1408 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	t)
Initial Performance (IEC Compliant	
Luminous flux tolerance	+/-10%
Luminous flux tolerance	+/-10% (0.38, 0.38) SDCM <3
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Luminous flux tolerance Initial chromaticity Power consumption tolerance Over Time Performance (IEC Comp Control gear failure rate at median useful life 50000 h Lumen maintenance at median useful life* 50000 h	+/-10% (0.38, 0.38) SDCM <3 +/-10%
Luminous flux tolerance Initial chromaticity Power consumption tolerance Over Time Performance (IEC Comp Control gear failure rate at median useful life 50000 h Lumen maintenance at median useful life* 50000 h Application Conditions	+/-10% (0.38, 0.38) SDCM <3 +/-10% bliant) 5 % L85
Luminous flux tolerance Initial chromaticity Power consumption tolerance Over Time Performance (IEC Comp Control gear failure rate at median useful life 50000 h Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq	+/-10% (0.38, 0.38) SDCM <3 +/-10% bliant) 5 % L85 25 °C
Luminous flux tolerance Initial chromaticity Power consumption tolerance Over Time Performance (IEC Comp Control gear failure rate at median useful life 50000 h Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Maximum dim level	+/-10% (0.38, 0.38) SDCM <3 +/-10% bliant) 5 % L85 25 °C 1%
Luminous flux tolerance Initial chromaticity Power consumption tolerance Over Time Performance (IEC Comp Control gear failure rate at median useful life 50000 h Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Maximum dim level	+/-10% (0.38, 0.38) SDCM <3 +/-10% bliant) 5 % L85 25 °C 1%
Luminous flux tolerance Initial chromaticity Power consumption tolerance Over Time Performance (IEC Comp Control gear failure rate at median useful life 50000 h Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching	+/-10% (0.38, 0.38) SDCM <3 +/-10% bliant) 5 % L85 25 °C 1% No
Luminous flux tolerance Initial chromaticity Power consumption tolerance Over Time Performance (IEC Comp Control gear failure rate at median useful life 50000 h Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data	+/-10% (0.38, 0.38) SDCM <3 +/-10% bliant) 5 % L85 L85 25 °C 1% No SP533P LED54S/840 PSD LE1 PI5 SM2 L1410
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Luminous flux tolerance Initial chromaticity Power consumption tolerance Over Time Performance (IEC Comp Control gear failure rate at median useful life 50000 h Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Order product name Full product code Order code	+/-10% (0.38, 0.38) SDCM <3 +/-10% bliant) 5 % L85 L85 L85 25 °C 1% No SP533P LED54S/840 PSD LE1 PI5 SM2 L1410 SP533P LED54S/840 PSD LE1 PI5 SM2 L1410
Luminous flux tolerance Initial chromaticity Power consumption tolerance Over Time Performance (IEC Comp Control gear failure rate at median useful life 50000 h Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Order product name Full product name Full product code Order code Material Nr. (12NC)	+/-10% (0.38, 0.38) SDCM <3 +/-10% bliant) 5 % L85 L85 L85 25 °C 1% No SP533P LED545/840 PSD LE1 PI5 SM2 L1410 SP533P LED545/840 PSD L140 SP533P LED545/840 PSD L140 SP5340 PSD L140
Luminous flux tolerance Initial chromaticity Power consumption tolerance Over Time Performance (IEC Comp Control gear failure rate at median useful life 50000 h Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Order product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack	+/-10% (0.38, 0.38) SDCM <3 +/-10% bliant) 5 % L85 L85 L85 L85 SP533P LED545/840 PSD LE1 PI5 SM2 L1410 SP533P LED545/840 PSD LE1 PI5 SM2 L1410 SP534P L240 PSD L140 PSD L1

DALI

Control interface

TrueLine, suspended

Dimensional drawing





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