TrueLine, suspended

SP532P 77S/TW9 SIA U4 SM2 L1450 ALU

SP532P | TrueLine DIRECT/INDIRECT OC, 67 W, 1450x55mm; H88 mm, SM2, 7700 lm, Tunable white 2700-6500 K, CRI>90, Wireless, Interact Ready, UGR19, U4

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<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 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			
Number of gear units	1 unit	Service tag	Yes
Driver included	Yes	Value ladder	Specification
		Warranty period	5 years

TrueLine, suspended

Sustainability rating	Lighting for circularity Lighting for wellbeing

Light Technical

Luminous Flux	7,700 lm
Saturated Red (R9)	>50
Correlated Color Temperature (Nom)	Tunable white 2700-6500 K
Luminous Efficacy (rated) (Nom)	116 lm/W
Color rendering index (CRI)	>90
Beam angle of light source	120 degree(s)
Light source color	Tunable white
Optic type	Wide beam office compliant
Luminaire light beam spread	80°
Unified glare rating CEN	19
Indirect glare reduction measure for Display Screen Equipment (EN 12464-2021)	L65≤3000 cd/m²

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	59 A
Inrush time	350 ms
Power Consumption	67 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 3-pole
Cable	Cable 1.5 m with push-in connector 5-pole
Number of products on MCB of 16 A type B	8
Suitable for random switching	Yes (relates to presence/ movement detection and daylight harvesting)
Protection class IEC	Safety class I

Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Sensor ready driver Interact System ready
Control interface	Wireless
Constant light output	No
Maximum dim level	1%
Connectivity	Interact Ready
Embedded control	Upgradable sensor slot with SNS210 sensor

Mechanical and Housing

Housing Material	Aluminum
Reflector material	–
Optic material	Polymethyl methacrylate
Optical cover material	Polymethyl methacrylate
Fixation material	Stainless steel
Housing Color	Aluminum
Optical cover finish	Frosted
Overall length	1,449 mm

Overall width	55 mm
Overall height	88 mm
Dimensions (Height x Width x Depth)	88 x 55 x 1449 mm
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Mounting	Suspended Suspension set 2-wire
Net Weight (Piece)	4.100 kg

Approval and Application

Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	For mounting on normally flammable surfaces
CE mark	Yes
ENEC mark	ENEC mark
Photobiological risk	Photobiological risk group 1 @200mm to EN62778
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Flickering value (PstLM) – Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	0.4
Ambient temperature range	+10 to +40 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	Tunable, SDCM ≤3
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	L90
Lumen maintenance at median useful life* 100000 h	L80

Product Data

Order product name	SP532P 77S/TW9 SIA U4 SM2 L1450 ALU
Full product name	SP532P 77S/TW9 SIA U4 SM2 L1450 ALU
Full product code	872016962689800
Order code	910505105663
Material Nr. (12NC)	910505105663
Numerator – Quantity Per Pack	1
EAN/UPC – Product/Case	8720169626898
Numerator – Packs per outer box	1
EAN/UPC – Case	8720169626898
Product family code	SP532P [TrueLine DIRECT/INDIRECT OC]

TrueLine, suspended

Dimensional drawing

www.lighting.philips.com

2025, January 3 – data subject to change