TrueLine, suspended

SP531P 31S/TW9 SIA U4 SM2 L1450 ALU

SP531P | TrueLine DIRECT NOC, 34 W, 1450x55mm; H88 mm, SM2, 3100 lm, Tunable white 2700-6500 K, CRI>90, Wireless, Interact Ready, 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		Service tag	Yes
Number of gear units	1 unit	Value ladder	Specification
Driver included	Yes	Warranty period	5 years

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Sustainability rating	Lighting for circularity Lighting for wellbeing		Overall width	55 mm
			Overall height	88 mm
			Dimensions (Height x Width x Depth)	88 x 55 x 1449 mm
Light Technical			Ingress protection code	IP20 [Finger-protected]
Luminous Flux	3,100 lm		Mech. impact protection code	IK02 [0.2 J standard]
Saturated Red (R9)	>50		Mounting	Suspended Suspension set 2-wire
Correlated Color Temperature (Nom)	Tunable white 2700–6500 K		Net Weight (Piece)	4.100 kg
Luminous Efficacy (rated) (Nom)	91 lm/W			
Color rendering index (CRI)	>90		**Approval and Application**	
Beam angle of light source	120 degree(s)		Glow–wire test	Temperature 650 °C, duration 30 s
Light source color	Tunable white		Flammability mark	For mounting on normally flammable surfaces
Optic type	Wide beam		CE mark	Yes
Luminaire light beam spread	80°		ENEC mark	ENEC mark
Unified glare rating CEN	22		Photobiological risk	Photobiological risk group 1 @200mm to EN62778
Indirect glare reduction measure for Display Screen Equipment (EN 12464-2021)	L65≤3000 cd/m²		EU RoHS compliant	Yes
			Performance ambient temperature Tq	25 °C
Operating and Electrical			Flickering value (PstLM) – Flickering value as per EN 61000-3-3	1
Input Voltage	220 to 240 V		Stroboscopic effect visibility measure (SVM)	0.4
Line Frequency	50 to 60 Hz		Ambient temperature range	+10 to +40 °C
Inrush current	29 A			
Inrush time	350 ms		**Initial Performance (IEC Compliant)**	
Power Consumption	34 W		Luminous flux tolerance	+/-10%
Power Factor (Fraction)	0.9		Initial chromaticity	Tunable, SDCM ≤3
Connection	Push-in connector 3-pole		Power consumption tolerance	+/-10%
Cable	Cable 1.5 m with push-in connector 5-pole			
Number of products on MCB of 16 A type B	16		**Over Time Performance (IEC Compliant)**	
Suitable for random switching	Yes (relates to presence/ movement detection and daylight harvesting)		Control gear failure rate at median useful life 50000 h	5 %
Protection class IEC	Safety class I		Lumen maintenance at median useful life* 50000 h	L90
			Lumen maintenance at median useful life* 100000 h	L80
Controls and Dimming				
Dimmable	Yes		**Product Data**	
Driver/power unit/transformer	Sensor ready driver Interact System ready		Order product name	SP531P 31S/TW9 SIA U4 SM2 L1450 ALU
Control interface	Wireless		Full product name	SP531P 31S/TW9 SIA U4 SM2 L1450 ALU
Constant light output	No		Full product code	872016962692800
Maximum dim level	1%		Order code	910505105666
Connectivity	Interact Ready		Material Nr. (12NC)	910505105666
Embedded control	Upgradable sensor slot with SNS210 sensor		Numerator – Quantity Per Pack	1
			EAN/UPC – Product/Case	8720169626928
Mechanical and Housing			Numerator – Packs per outer box	1
Housing Material	Aluminum		EAN/UPC – Case	8720169626928
Reflector material	–		Product family code	SP531P [TrueLine DIRECT NOC]
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			

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Dimensional drawing

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2025, January 3 – data subject to change