PHILIPS Lighting



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

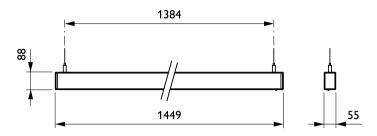
TrueLine, suspended

Sustainability rating	Lighting for circularity Lighting for	
	wellbeing	
Light Technical		
Luminous Flux	3,100 lm	
Saturated Red (R9)	>50	
Correlated Color Temperature (Nom)	Tunable white 2700-6500 K	
Luminous Efficacy (rated) (Nom)	91 lm/W	
Color rendering index (CRI)	>90	
Beam angle of light source	120 degree(s)	
Light source color	Tunable white	
Optic type	Wide beam	
Luminaire light beam spread	80°	
Unified glare rating CEN	22	
Indirect glare reduction measure for Display	L65≤3000 cd/m²	
Screen Equipment (EN 12464-2021)		
Operating and Electrical		
Input Voltage	220 to 240 V	
Line Frequency	50 to 60 Hz	
Inrush current	29 A	
Inrush time	350 ms	
Power Consumption	34 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	16	
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	
Ontical cover finish	Frosted	
Optical cover finish Overall length	Frosted 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 ℃
Flickering value (PstLM) - Flickering value	1
as per EN 61000-3-3	
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 Complian	nt)
Control gear failure rate at median useful	5 %
life 50000 h	
Lumen maintenance at median useful life*	L90
50000 h	
Lumen maintenance at median useful life*	L80
100000 h	
Product Data	
Order product name	SP531P 31S/TW9 SIA U4 SM2 L1450 ALU
Full product name	SP531P 31S/TW9 SIA U4 SM2 L1450 ALU
Full product code	872016962692800
Order code	910505105666
Material Nr. (12NC)	910505105666
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169626928
Numerator - Packs per outer box	1
EAN/UPC - Case	8720169626928
Product family code	SP531P [TrueLine DIRECT NOC]

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Dimensional drawing





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