



# TrueLine, suspended

## **SP532P LED77S/840 PSD ACL SM2 L1450 ALU**

TrueLine DIRECT/INDIRECT OC, LED module, system flux 7700 lm, 840 neutral white, Power supply unit with DALI interface, ActiLume, Push-in connector 5-pole

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 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**

LED77S [LED module, system flux 7700 lm]
- [-]
No
1 unit
GRT [Gear tray (without gear)]
Yes
*-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	SP532P [TrueLine DIRECT/INDIRECT OC]
Lighting Technology	LED
Value ladder	Specification
Embedded control	ActiLume
CE mark	Yes

Datasheet, 2023, April 29 data subject to change

## TrueLine, suspended

Warranty period	5 years
Flammability mark	For mounting on normally flammable surface
ENEC mark	ENEC plus mark
Glow-wire test	Temperature 650 °C, duration 5 s
EU RoHS compliant	Yes
Light Technical	
Luminous Flux	7,700 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	126 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	100°
Unified glare rating CEN	16
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	61 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 ty	pe 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	Polymethyl methacrylate

Fixation material	Stainless steel
Housing Color	Aluminum
Optical cover finish	Frosted
Overall length	1,449 mm
Overall width	55 mm
Overall height	121 mm
Dimensions (Height x Width x Depth)	121 x 55 x 1449 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	)
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38, 0.38) SDCM <3
Power consumption tolerance	+/-10%
Over Time Performance (IEC Comp	liant)
Control gear failure rate at median	5 %
useful life 50000 h	
Lumen maintenance at median useful	L85
life* 50000 h	
Application Conditions	
Performance ambient temperature Tq	25 ℃
Maximum dim level	1%
Suitable for random switching	Yes
Product Data	
Order product name	SP532P LED77S/840 PSD ACL SM2 L1450
	ALU
Full product name	SP532P LED77S/840 PSD ACL SM2 L1450
	ALU
Full product code	871869687433200
Order code	87433200
Material Nr. (12NC)	910504100603
Numerator - Quantity Per Pack	
EAN/UPC - Product/Case	8718696874332
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696874332

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### Dimensional drawing



