# **PHILIPS** Lighting



# TrueLine, suspended

# SP532P LED29S/830 PSD PI5 SM2 L1410 9003

TrueLine DIRECT/INDIRECT OC, LED module, system flux 2900 lm, 830 warm 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	LED29S [LED module, system flux 2900 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
	"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	-
CE mark	Yes
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	2,900 lm
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	145 lm/W
Color rendering index (CRI)	≥80
Number of light sources	1
Light source color	830 warm white
Optic type	-
Optical cover type	Polymethyl methacrylate bowl/cover
Luminaire light beam spread	100°
Unified glare rating CEN	13
Operating and Electrical	
Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
End CLO power consumption	- W
Inrush current	19 A
Inrush time	0.28 ms
Power Consumption	20 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	24
type B	
Tenenevetuve	
Temperature	10.1.10.05
Temperature Ambient temperature range	+10 to +40 °C
•	+10 to +40 °C
Ambient temperature range	+10 to +40 °C Yes

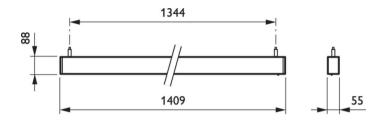
Control interface	DALI
Constant light output	No
Mechanical and Housing	
Housing Material	Aluminum
Reflector material	-
Optic material	-
Optical cover material	Polymethyl methacrylate
Fixation material	Stainless steel
Housing Color	White
Optical cover finish	Frosted
Overall length	1,409 mm
Overall width	55 mm
Overall height	121 mm
Dimensions (Height x Width x Depth)	121 x 55 x 1409 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 Complian	nt)
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.43, 0.40) SDCM <3
Power consumption tolerance	+/-10%
Over Time Performance (IEC Com	pliant)
Control gear failure rate at median	5 %
useful life 50000 h	
Lumen maintenance at median useful	L85
life* 50000 h	
Application Conditions	
	25 °C
Performance ambient temperature Tq	25 °C

Performance ambient temperature Tq	25 °C
Maximum dim level	1%
Suitable for random switching	No

SP532P LED29S/830 PSD PI5 SM2 L1410
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9003
871869906330600
910504105003
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1
8718699063306
1
8718699063306

### TrueLine, suspended

#### Dimensional drawing





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