PHILIPS Lighting



TrueLine, suspended

SP533P LED33S/840 PSD PI5 SM2 L1410 ALU

TrueLine DIRECT/INDIRECT NOC, LED module, system flux 3300 lm, 840 neutral white, Power supply unit with DALI interface, Push-in connector 5-pole, Aluminum

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/>ly, 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	LED33S [LED module, system flux 3300 lm]	Number of gear units	1 unit
Cap-Base	- [-]	Gear	GRT [Gear tray (without gear)]

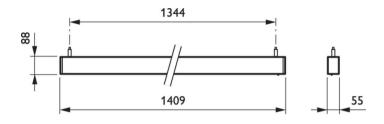
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Driver included	Yes
Remarks	*-Per Lighting Europe guidance paper
	"Evaluating performance of LED based
	luminaires - January 2018": statistically there
	is no relevant difference in lumen
	maintenance between B50 and for example
	B10. Therefore, the median useful life (B50)
	value also represents the B10 value.
Service tag	Yes
Product family code	SP533P [TrueLine DIRECT/INDIRECT NOC]
Lighting Technology	LED
Value ladder	Specification
Embedded control	-
CE mark	Yes
Warranty period	5 years
Flammability mark	For mounting on normally flammable surfaces
ENEC mark	ENEC plus mark
Glow-wire test	Temperature 650 °C, duration 5 s
EU RoHS compliant	Yes
Light Tochnical	
Light Technical Luminous Flux	3,300 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	114 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	160°
Unified glare rating CEN	22
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	29 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 type	e 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	
Constant light output No	
Mechanical and Housing	
Housing Material Aluminum	
Reflector material -	
Optic material -	
Optical cover material Polycarbonate	
Fixation material Stainless steel	
Housing Color Aluminum	
Optical cover finish Opal	
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 Compliant)	
Luminous flux tolerance +/-10%	
Initial chromaticity (0.38, 0.38) SDCM <3	
Power consumption tolerance +/-10%	
Over Time Performance (IEC Compliant)	
Over Time Performance (IEC Compliant)	
Over Time Performance (IEC Compliant) Control gear failure rate at median 5 %	
Over Time Performance (IEC Compliant) Control gear failure rate at median 5 % useful life 50000 h	
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Dimensional drawing





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