PHILIPS Lighting



TrueLine, suspended

SP533P LED41S/840 PSD ACL PI5 SM2 L1170

TrueLine DIRECT/INDIRECT NOC, LED module, system flux 4100 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 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

	Light source replaceable	No
LED41S [LED module, system flux 4100 lm]	Number of gear units	1 unit
- [-]	Gear	GRT [Gear tray (without gear)]
_		LED41S [LED module, system flux 4100 lm] Number of gear units

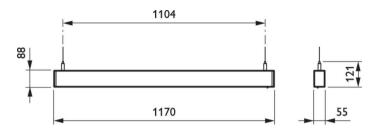
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Driver included	Yes	
Remarks	*-Per Lighting Europe guidance paper	
	"Evaluating performance of LED based	
	luminaires - January 2018": statistically there	
	is no relevant difference in lumen	
	maintenance between B50 and for example	
	B10. Therefore, 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	ActiLume	
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	4,100 lm	
Correlated Color Temperature (Nom)	4000 K	
Luminous Efficacy (rated) (Nom)	111 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	25	
Operating and Electrical		
Operating and Electrical	220-240 V	
Input Voltage	50 to 60 Hz	
Line Frequency Inrush current	19 A	
Inrush time	0.28 ms	
Power Consumption	37 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		
B		
Temperature		
Temperature	+10 to +40 °C	
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	Polycarbonate	
Fixation material	Stainless steel	
Housing Color	Aluminum	
Optical cover finish	Opal	
Overall length	1,170 mm	
Overall width	55 mm	
Overall height	121 mm	
Dimensions (Height x Width x Depth)	121 x 55 x 1170 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	t)	
Luminous flux tolerance	+/-10%	
Initial chromaticity	(0.38, 0.38) SDCM <3	
Power consumption tolerance	+/-10%	
rower consumption toterance		
Over Time Performance (IEC Com	oliant)	
Control gear failure rate at median	5%	
useful life 50000 h	5.76	
Lumen maintenance at median useful	L85	
life* 50000 h	105	
11e 50000 11		
Application Conditions		
Performance ambient temperature Tq	25 °C	
Maximum dim loval		
Maximum dim level	1%	
Maximum dim level Suitable for random switching		
Suitable for random switching	1%	
Suitable for random switching Product Data	1% Yes	
Suitable for random switching Product Data Order product name	1% Yes SP533P LED41S/840 PSD ACL PI5 SM2 L117	
Suitable for random switching Product Data Order product name Full product name	1% Yes SP533P LED41S/840 PSD ACL PI5 SM2 L117 SP533P LED41S/840 PSD ACL PI5 SM2 L117	
Suitable for random switching Product Data Order product name Full product name Full product code	1% Yes SP533P LED41S/840 PSD ACL PI5 SM2 L117 SP533P LED41S/840 PSD ACL PI5 SM2 L117 871869906283500	
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Suitable for random switching Product Data Order product name Full product name Full product code Order code Material Nr. (12NC)	1% Yes SP533P LED41S/840 PSD ACL PI5 SM2 L117 SP533P LED41S/840 PSD ACL PI5 SM2 L117 871869906283500 910504103803 910504103803	
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Dimensional drawing





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