



TrueLine, suspended

SP530P LED50S/840 PSD ACL SM2 L1450 ALU

TrueLine DIRECT OC - LED Module, system flux 5000 lm - 840 neutral white - Power supply unit with DALI interface - ActiLume - Push-in connector 5-pole (PI) - Suspension set 2-wire - 1450 mm

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.

Product data

General Information	
Number of light sources	1 [1 pc]
Lamp family code	LED50S [LED Module, system flux 5000 lm]
Beam angle of light source	_ °
Light source colour	840 neutral white
Cap base	- [-]
Light source replaceable	No
Number of gear units	1 unit
Gear	GRT [Gear tray (without gear)]
Driver/power unit/transformer	PSD [Power supply unit with DALI interface]
Driver included	Yes
Optic type	No [-]
Optical cover/lens type	PM [PMMA bowl/cover]
Luminaire light beam spread	100°
Embedded control	ACL [ActiLume]

Control interface	DALI
Connection	Push-in connector 5-pole (PI)
Cable	Cable 1.7 m without plug 5-pole PVC silver
Protection class IEC	Safety class I (I)
Mounting	SM2 [Suspension set 2-wire]
Standard RAL colour	-
Glow-wire test	650/5 [Temperature 650 °C, duration 5 s]
Flammability mark	F [For mounting on normally flammable
	surfaces]
Type description	OC [Office compliant version]
CE mark	CE mark
ENEC mark	ENEC plus mark
UL mark	-
Warranty period	5 years

Datasheet, 2019, July 9 data subject to change

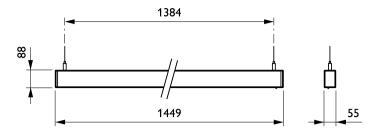
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Remarks	*-Per Lighting Europe guidance paper
	"Evaluating performance of LED based
	luminaires - January 2018": statistically there is
	no relevant difference in lumen maintenance
	between B50 and for example B10. Therefore
	the median useful life (B50) value also
	represents the B10 value.
Constant light output	No
Number of products on MCB	24
RoHS mark	RoHS mark
WEEE mark	WEEE mark
Accessory PFC	N/A
Product Family Code	SP530P [TrueLine DIRECT OC]
Unified glare rating CEN	19
Operating and Electrical	
Input voltage	220 to 240 V
Input frequency	50 to 60 Hz
Control signal voltage	0-16 V DC DALI
Inrush current	19 A
Inrush time	0.28 ms
Power factor (min.)	0.9
Controls and Dimming	
Dimmable	Yes
Diffinable	163
Mechanical and Housing	
Housing material	Aluminum
Reflector material	-
Optic material	-
Optical cover/lens material	Polymethyl methacrylate
Gear tray material	Steel
Fixation material	Stainless steel
Optical cover/lens finish	Frosted
Overall length	1449 mm
Overall width	55 mm
Overall height	121 mm
Length	1450 mm
Colour	Aluminum

Approval and Application		
Ingress protection code	IP40 [Wire-protected]	
Mech. impact protection code	IK02 [0.2 J standard]	
Initial Performance (IEC Compliant)		
Initial luminous flux	5000 lm	
Luminous flux tolerance	+/-10%	
Initial LED luminaire efficacy	127 lm/W	
Init. Corr. colour temperature	4000 K	
Init. colour rendering index	≥80	
Initial chromaticity	(0.38, 0.38) SDCM <3	
Initial input power	39.5 W	
Power consumption tolerance	+/-10%	
Over Time Performance (IEC Compliant)		
Control gear failure rate at median	5 %	
useful life 50000 h		
Lumen maintenance at median useful	L85	
life* 50000 h		
Application Conditions		
Ambient temperature range	+10 to +40 °C	
Performance ambient temperature Tq	25 ℃	
Maximum dimming level	1%	
Product Data		
Full product code	871869687428800	
Order product name	SP530P LED50S/840 PSD ACL SM2 L1450 ALU	
EAN/UPC – product	8718696874288	
Order code	87428800	
Numerator – quantity per pack	1	
Numerator – packs per outer box	1	
Material no. (12NC)	910504100103	
Net weight (piece)	4.100 kg	

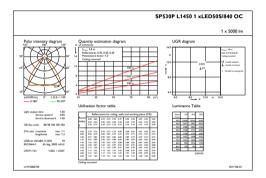
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Dimensional drawing



TrueLine suspended SP530P-SP533P

Photometric data



IFGU1_SP530PL14501xLED50S840OC

IFPC1_SP530PL14501xLED50S840OC



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