



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		Control interface	DALI
Number of light sources	1 [1 pc]	Connection	Push-in connector 5-pole (PI)
Lamp family code	LED50S [LED Module, system flux 5000 lm]	Cable	Cable 1.7 m without plug 5-pole PVC silver
Beam angle of light source	- °	Protection class IEC	Safety class I (I)
Light source colour	840 neutral white	Mounting	SM2 [Suspension set 2-wire]
Cap base	- [-]	Standard RAL colour	-
Light source replaceable	No	Glow-wire test	650/5 [Temperature 650 °C, duration 5 s]
Number of gear units	1 unit	Flammability mark	F [For mounting on normally flammable surfaces]
Gear	GRT [Gear tray (without gear)]	Type description	OC [Office compliant version]
Driver/power unit/transformer	PSD [Power supply unit with DALI interface]	CE mark	CE mark
Driver included	Yes	ENEC mark	ENEC plus mark
Optic type	No [-]	UL mark	-
Optical cover/lens type	PM [PMMA bowl/cover]	Warranty period	5 years
Luminaire light beam spread	100°		
Embedded control	ACL [ActiLume]		

TrueLine, suspended

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
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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 useful life 50000 h	5 %
Lumen maintenance at median useful life* 50000 h	L85

Application Conditions

Ambient temperature range	+10 to +40 °C
Performance ambient temperature Tq	25 °C
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

