



TrueLine, surface-mounted

SM531C LED19S/840 PSD PI5 L1410 ALU

TrueLine NOC - LED Module, system flux 1900 lm - 840 neutral white - Power supply unit with DALI interface - Push-in connector 5-pole (PI) - 1410 mm - Aluminum

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. And office workers want visually comfortable lighting conditions that help them perform better. TrueLine Recessed is able to meet all of these different requirements. TrueLine is also available in recessed and suspended versions.

Product data

General information			
Number of light sources	1 [1 pc]	Optical cover/lens type	PM [PMMA bowl/cover]
Lamp family code	LED19S [LED Module, system flux 1900 lm]	Luminaire light beam spread	160°
Beam angle of light source	- °	Embedded control	No [-]
Light source colour	840 neutral white	Control interface	DALI
Cap base	- [-]	Connection	Push-in connector 5-pole (PI)
Light source replaceable	No	Cable	-
Number of gear units	1 unit	Protection class IEC	Safety class I (I)
Gear	-	Standard RAL colour	-
Driver/power unit/transformer	PSD [Power supply unit with DALI interface]	Glow-wire test	650/5 [Temperature 650 °C, duration 5 s]
Driver included	Yes	Flammability mark	F [For mounting on normally flammable surfaces]
Optic type	No [-]	Type description	NOC [Non office compliant version]

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CE mark	CE mark
ENEC mark	ENEC plus mark
UL mark	-
Warranty period	5 years
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
Accessory PFC	N/A
Product Family Code	SM531C [TrueLine NOC]
Unified glare rating CEN	25

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

Geometry	-
Housing material	Aluminum
Reflector material	-
Optic material	-
Optical cover/lens material	Polycarbonate
Gear tray material	Steel
Fixation material	Steel
Optical cover/lens finish	Opal
Overall length	1409 mm
Overall width	55 mm
Overall height	93 mm

Length	1410 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	1900 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	107 lm/W
Init. Corr. colour temperature	4000 K
Init. colour rendering index	≥80
Initial chromaticity	(0.38, 0.38) SDCM <3
Initial input power	17.8 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

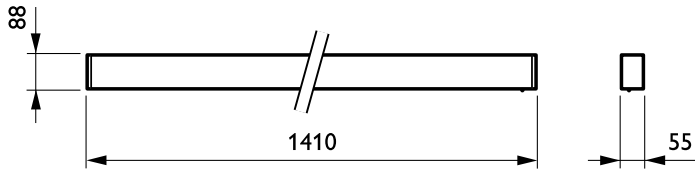
Ambient temperature range	+10 to +40 °C
Performance ambient temperature Tq	25 °C
Maximum dimming level	1%
Suitable for random switching	No

Product Data

Full product code	871869687424000
Order product name	SM531C LED19S/840 PSD PI5 L1410 ALU
EAN/UPC – product	8718696874240
Order code	87424000
Numerator – quantity per pack	1
Numerator – packs per outer box	1
Material no. (12NC)	910504099703
Net weight (piece)	4.000 kg

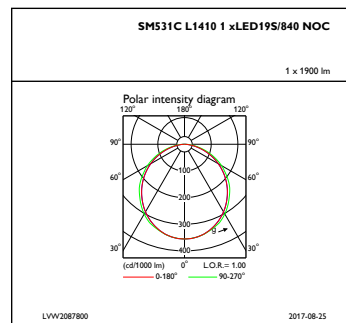
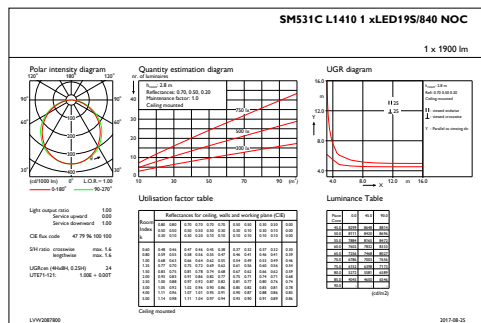
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Dimensional drawing



TrueLine surface-mounted SM530C-SM534C

Photometric data



IFGU1_SM531CL14101xLED19S840NOC

IFPC1_SM531CL14101xLED19S840NOC

