



TrueLine, surface mounted

SM534C LED50S/940 PSD PI5 L1410 ALU

TrueLine Surface Mounted Asym, LED module, system flux 5000 lm, 940 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 $UGR < 19$, which is compliant with all office norms (OC). TrueLine also comes in suspended 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 IPX0 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

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General Information	
Lamp family code	LED50S [LED module, system flux 5000 lm]
Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Service tag	Yes
Product family code	SM534C [TrueLine Surface Mounted Asym]
Lighting Technology	LED
Value ladder	Specification
CE mark	Yes
Warranty period	5 years
Flammability mark	For mounting on normally flammable surfaces
ENEC mark	ENEC mark
Glow-wire test	Temperature 650 °C, duration 30 s
EU RoHS compliant	Yes

Light Technical	
Luminous Flux	5,000 lm
Saturated Red (R9)	>50
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	122 lm/W
Color rendering index (CRI)	>90
Flickering value (PstLM)	1
Stroboscopic effect value (SVM)	0.4
Number of light sources	1
Beam angle of light source	- degree(s)
Light source color	940 neutral white
Optic type	-
Optical cover type	Polymethyl methacrylate bowl/cover
Luminaire light beam spread	-
Unified glare rating CEN	Not applicable

Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Initial CLO power consumption	- W
Average CLO power consumption	- W
Inrush current	19 A
Inrush time	0.28 ms
Power Consumption	41 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 5-pole
Cable	-
Number of products on MCB of 16 A type B	24

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

Mechanical and Housing	
Housing Material	Aluminum
Reflector material	-
Optic material	-
Optical cover material	Polymethyl methacrylate
Fixation material	Steel
Housing Color	Aluminum
Optical cover finish	Frosted
Overall length	1,409 mm
Overall width	55 mm
Overall height	88 mm
Dimensions (Height x Width x Depth)	88 x 55 x 1409 mm

Approval and Application	
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Sustainability rating	-
Protection class IEC	Safety class I
Photobiological risk	Photobiological risk group 1 @200mm to EN62778

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)	
Control gear failure rate at median useful life	5 %
50000 h	
Lumen maintenance at median useful life*	L85
50000 h	

Application Conditions	
Performance ambient temperature Tq	25 °C
Maximum dim level	1%
Suitable for random switching	No

Product Data	
Order product name	SM534C LED50S/940 PSD PI5 L1410 ALU
Full product name	SM534C LED50S/940 PSD PI5 L1410 ALU
Full product code	871869996316300
Order code	910505100109
Material Nr. (12NC)	910505100109
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699963163
Numerator - Packs per outer box	1

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EAN/UPC - Case	8718699963163
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Dimensional drawing

