# **PHILIPS** Lighting



# TrueLine, surface mounted

# SM530C LED43S/840 PSD PI5 L1410 ALU

TrueLine OC, LED module, system flux 4300 lm, 840 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<lt/>>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 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**

## TrueLine, surface mounted

General Information	
Lamp family code	LED43S [LED module, system flux 4300 lm]
Cap-Base	- [-]
Light source replaceable	No
Number of gear units	1 unit
Gear	-
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	SM530C [TrueLine OC]
Lighting Technology	LED
Value ladder	Specification
Embedded control	
CE mark	Yes
Warranty period	5 years
Flammability mark	For mounting on normally flammable
	surfaces
ENEC mark	ENEC plus mark
Glow-wire test	Temperature 650 °C, duration 5 s
EU RoHS compliant	Yes
Light Technical	
Luminous Flux	4,300 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	134 lm/W
Color rendering index (CRI)	>80
Number of light sources	1
Beam angle of light source	- degree(s)
Light source color	840 neutral white
-	
Optic type	- Polymethyl methacrylate bowl/cover
Optical cover type	
Luminaire light beam spread	100°
Unified glare rating CEN	19
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	19 A
Inrush time	0.28 ms
Power Consumption	32 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 5-pole
	1
Cable	-
Cable Number of products on MCB of 16 A type	- 24

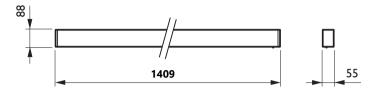
Temperature     Ambient temperature range   +10 to +40 °C     Controls and Dimming     Dimmable   Yes     Driver/power unit/transformer   Power supply unit with DALI interf     Control interface   DALI     Constant light output   No     Mechanical and Housing   Mechanical and Housing	
Controls and Dimming     Dimmable   Yes     Driver/power unit/transformer   Power supply unit with DALI interf     Control interface   DALI     Constant light output   No	
Dimmable Yes   Driver/power unit/transformer Power supply unit with DALI interf   Control interface DALI   Constant light output No	
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Driver/power unit/transformer Power supply unit with DALI inter   Control interface DALI   Constant light output No	
Control interface DALI   Constant light output No	
Constant light output No	face
Mechanical and Housing	
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 93 mm	
Dimensions (Height x Width x Depth) 93 x 55 x 1409 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 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 5 %	
Control gear failure rate at median useful 5 % life 50000 h	
Control gear failure rate at median useful 5 % life 50000 h Lumen maintenance at median useful L85	
Control gear failure rate at median useful 5 % life 50000 h	
Control gear failure rate at median useful 5 % life 50000 h Lumen maintenance at median useful L85 life* 50000 h	
Control gear failure rate at median useful 5 % life 50000 h Lumen maintenance at median useful L85 life* 50000 h Application Conditions	
Control gear failure rate at median useful 5 % life 50000 h Lumen maintenance at median useful L85 life* 50000 h Application Conditions Performance ambient temperature Tq 25 °C	
Control gear failure rate at median useful   5 %     life 50000 h   Lumen maintenance at median useful   L85     life* 50000 h   H   H     Application Conditions   Performance ambient temperature Tq   25 °C     Maximum dim level   H%   H	
Control gear failure rate at median useful 5 % life 50000 h Lumen maintenance at median useful L85 life* 50000 h Application Conditions Performance ambient temperature Tq 25 °C	
Control gear failure rate at median useful   5 %     life 50000 h   L85     life* 50000 h   Performance at median useful     Application Conditions   25 °C     Maximum dim level   1%     Suitable for random switching   No	
Control gear failure rate at median useful   5 %     life 50000 h   L85     life* 50000 h   25 °C     Application Conditions   1%     Performance ambient temperature Tq   25 °C     Maximum dim level   1%     Suitable for random switching   No	
Control gear failure rate at median useful   5 %     life 50000 h   L85     Lumen maintenance at median useful   L85     life* 50000 h   Supplication Conditions     Performance ambient temperature Tq   25 °C     Maximum dim level   1%     Suitable for random switching   No     Product Data   SM530C LED43S/840 PSD PI5 L14	
Control gear failure rate at median useful   5 %     life 50000 h   L85     Lumen maintenance at median useful   L85     life* 50000 h   Suitable for conditions     Performance ambient temperature Tq   25 °C     Maximum dim level   1%     Suitable for random switching   No     Product Data   SM530C LED43S/840 PSD PI5 L14     Full product name   SM530C LED43S/840 PSD PI5 L14	
Control gear failure rate at median useful   5 %     life 50000 h   L85     Lumen maintenance at median useful   L85     life* 50000 h   Solution     Application Conditions   Performance ambient temperature Tq     Performance ambient temperature Tq   25 °C     Maximum dim level   1%     Suitable for random switching   No     Product Data   Order product name     SM530C LED43S/840 PSD PI5 L14     Full product code   871869687419600	
Control gear failure rate at median useful   5 %     life 50000 h   L85     Lumen maintenance at median useful   L85     life* 50000 h   Solution     Application Conditions   25 °C     Performance ambient temperature Tq   25 °C     Maximum dim level   1%     Suitable for random switching   No     Product Data   SM530C LED43S/840 PSD PI5 L14     Full product name   SM530C LED43S/840 PSD PI5 L14     Full product code   871869687419600     Order code   910504099203	
Control gear failure rate at median useful   5 %     life 50000 h   L85     Lumen maintenance at median useful   L85     life* 50000 h   25 °C     Application Conditions   25 °C     Maximum dim level   1%     Suitable for random switching   No     Product Data   SM530C LED43S/840 PSD PI5 L1-     Full product name   SM530C LED43S/840 PSD PI5 L1-     Full product code   871869687419600     Order code   910504099203     Material Nr. (12NC)   910504099203	
Control gear failure rate at median useful life 50000 h5 %Lumen maintenance at median useful life* 50000 hL85Application Conditions25 °CPerformance ambient temperature Tq usitable for random switching25 °CMaximum dim level1%Suitable for random switchingNoProduct DataSM530C LED43S/840 PSD PI5 L14Full product nameSM530C LED43S/840 PSD PI5 L14Full product code871869687419600Order code910504099203Material Nr. (12NC)910504099203Numerator - Quantity Per Pack1	
Control gear failure rate at median useful   5 %     life 50000 h   Lumen maintenance at median useful   L85     life* 50000 h   25 °C     Application Conditions   25 °C     Performance ambient temperature Tq   25 °C     Maximum dim level   1%     Suitable for random switching   No     Product Data   SM530C LED43S/840 PSD PI5 L14     Full product name   SM530C LED43S/840 PSD PI5 L14     Full product code   871869687419600     Order code   910504099203     Material Nr. (12NC)   910504099203	

### TrueLine, surface mounted

EAN/UPC - Case

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#### **Dimensional drawing**





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