



True line of light – elegant, energy- efficient and compliant with office lighting norms

TrueLine, surface-mounted

Architects need a lighting solution that matches the interior architecture of the property that 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 also providing the right level of light, in compliance with office-lighting regulations. And office workers want visually comfortable lighting conditions that help them perform better. TrueLine Recessed is able to meet all these different requirements. TrueLine is also available in recessed and suspended versions.

Benefits

- The most uniform exit window
- Extremely high efficacy for a line luminaire
- Luminaire housing dimensions co-developed with leading office architects

Features

- Luminous efficacy higher than 100 lm/W
- Complies with office lighting norms
- Standalone and continuous lines
- Recessed and suspended versions also available
- Direct and indirect light
- Homogeneous exit window
- Future-proof: PoE

Application

- General lighting for mid and high-end office buildings

Warnings and Safety

- The product is IPX0 and as such is not protected against water ingress, so 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 use and the product warranty will become void

Specifications

Type	SM530C (office-compliant version) SM531C (non-office-compliant version)	Beam angle	80 ° (OC version), 110 ° (NOC version)
Light source	Non-replaceable LED module	Luminous flux	1,500 to 5,000 lm (4,000 K)
Power	Office compliant (OC), 1,130 and 1,170 mm, 4,000 K versions: 10 W (direct 1,500 lm) 17.5 W (direct 2,500 lm) 24 W (direct 3,400 lm) 29 W (direct 4,000 lm) Non-office-compliant (NOC) 1,130 and 1,170 mm, 4,000 K versions: 14.6 W (direct 1,500 lm) 24.5 W (direct 2,500 lm) Office-compliant (OC) 1,410 and 1,450 mm, 4,000 K versions: 12.4 W (direct 1,900 lm) 21.5 W (direct 3,100 lm) 32 W (direct 4,300 lm) 38.5 W (direct 5,000 lm) Non-office-compliant (OC) 1,410 and 1,450 mm, 4,000 K versions: 17.8 W (direct 1,900 lm) 32 W (direct 3,100 lm) Office-compliant (OC) 1,130 and 1,170 mm, 3,000 K versions: 10.6 W (direct 1,500 lm) 18.2 W (direct 2,500 lm) 25.5 W (direct 3,400 lm) 30.5 W (direct 4,000 lm) Non-office-compliant (NOC) 1,130 and 1,170 mm, 3,000 K: 15.6 W (direct 1,500 lm) 26 W (direct 2,500 lm) Office-compliant (OC) 1,410 and 1,450 mm, 3,000 K versions: 13 W (direct 1,900 lm) 23 W (direct 3,100 lm) 34 W (direct 4,300 lm) 40.5 W (direct 5,000 lm) Non-office-compliant (OC) 1,410 and 1,450 mm, 3,000 K versions: 18.8 W (direct 1,900 lm) 34 W (direct 3,100 lm)	Correlated Colour	3,000 or 4,000 K
		Temperature	
		Colour Rendering Index	>80
		Lumen maintenance at median useful life*	L85
		50,000 h	
		Control gear failure rate at median useful life	5%
		50,000 h	
		Performance Ambient	+25 °C
		Temperature Tq	
		Operating temperature range	+10 to +40 °C
		Driver	Built-in
		Power/Data supply	PDS-60 24 V; supply for indoor use
		Mains voltage	220-240 V / 50-60 Hz
		Dimming	Compatible with many commercial available ELV dimmers
		Control system input	0-16 V, DALI
		Material	Housing: anodised aluminium Driver box: steel Cover: PMMA or polycarbonate
		Colour	Aluminium (ALU)
		Optical cover	Office-compliant: PMMA, semi-transparent Non-office-compliant: polycarbonate, opal
		Connection	Push-in connector (PI) or with pull relief (PIP)
		Maintenance	Optical module replaceable, no internal cleaning required
		Installation	Individual or in line Through-wiring possible

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Application conditions

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

Approval and application

Mech. impact protection code	IK02
Ingress protection code	IP20

Controls and dimming

Dimmable	Yes
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Operating and electrical

Input Voltage	220 to 240 V
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General information

Beam angle of light source	– °
CE mark	CE mark
Protection class IEC	Safety class I (I)
Driver included	Yes
ENEC mark	ENEC mark
Flammability mark	F
Glow-wire test	650/30
Light source replaceable	No
Number of gear units	1 unit
Optic type	No
Product family code	SM530C

Initial performance (IEC compliant)

Initial chromaticity	(0.38, 0.38) SDCM <3
Init. Corr. Colour Temperature	4000 K
Init. Colour rendering index	>90
Luminous flux tolerance	+/-10%

Light technical

Flickering	1
Stroboscopic effect	0.4

Mechanical and housing

Colour	Aluminium
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General information

Order Code	Full Product Name	Optical cover/ lens type	Lamp family code	Number of light sources	UL mark
910505100146	SM530C LED40S/940 PSD PI5 L1130 ALU	PM	LED40S	1	No
910505100434	SM530C LED50S/940 PSD PI5 L1410 ALU	-	-	-	-

Initial performance (IEC compliant)

Order Code	Full Product Name	Initial LED luminaire efficacy	Initial luminous flux	Initial input power
910505100146	SM530C LED40S/940 PSD PI5 L1130 ALU	143 lm/W	4000 lm	28 W

Order Code	Full Product Name	Initial LED luminaire efficacy	Initial luminous flux	Initial input power
910505100434	SM530C LED50S/940 PSD PI5 L1410 ALU	147 lm/W	5000 lm	34 W

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