

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 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.

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

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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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Versions



TrueLine Surface Mounted Asym -
LED module, system flux 4000 lm
- 1130 mm



TrueLine OC - LED Module, system
flux 4300 lm - 1410 mm

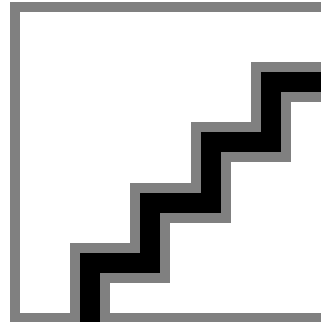


TrueLine NOC - LED Module,
system flux 1900 lm - 1410 mm

Product details



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TrueLine-
RC534B_SM534C_SP534P-DPP.tif

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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

Initial performance (IEC compliant)

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

Light technical

Flickering	1
Stroboscopic effect	0.4

General information (1/2)

Order Code	Full Product Name	Optical			
		cover/lens type	Lamp family code	Number of light sources	Product family code
96320000	SM534C LED40S/940 PSD PI5 L1130 ALU	PM	LED40S	1	SM534C
96333000	SM530C LED19S/940 PSD PI5 L1410 WH	PM	LED19S	1	SM530C
96337800	SM530C LED34S/940 PSD PI5 L1130 ALU	PM	LED34S	1	SM530C
96338500	SM531C LED19S/940 PSD PI5 L1410 ALU	PM	LED19S	1	SM531C
96349100	SM530C LED19S/940 PSD PI5 L1410 ALU	PM	LED19S	1	SM530C
96353800	SM530C LED40S/940 PSD PI5 L1130 ALU	PM	LED40S	1	SM530C
96356900	SM530C LED43S/940 PSD PI5 L1410 ALU	PM	LED43S	1	SM530C
96375000	SM530C LED34S/930 PSD PI5 L1130 ALU	PM	LED34S	1	SM530C
96391000	SM530C LED31S/940 PSD PI5 L1410 WH	PM	LED31S	1	SM530C
96396500	SM531C LED19S/930 PSD PI5 L1410 ALU	PM	LED19S	1	SM531C
96397200	SM530C LED43S/940 PSD PI5 L1410 WH	PM	LED43S	1	SM530C
96622500	SM530C LED50S/940 PSD PI5 L1410 ALU	-	-	-	SM530C
96381100	SM530C LED50S/940 PSD PI5 L1410 WH	PM	LED50S	1	SM530C
96624900	SM531C LED19S/930 PSD PI5 L1410 WH	-	-	-	SM531C

General information (2/2)

Order Code	Full Product Name	Standard RAL colour	UL mark	Order Code	Full Product Name	Standard RAL colour	UL mark
96320000	SM534C LED40S/940 PSD PI5 L1130 ALU	-	-	96375000	SM530C LED34S/930 PSD PI5 L1130 ALU	-	-
96333000	SM530C LED19S/940 PSD PI5 L1410 WH	Signal white	-	96391000	SM530C LED31S/940 PSD PI5 L1410 WH	-	-
96337800	SM530C LED34S/940 PSD PI5 L1130 ALU	-	-	96396500	SM531C LED19S/930 PSD PI5 L1410 ALU	-	-
96338500	SM531C LED19S/940 PSD PI5 L1410 ALU	-	-	96397200	SM530C LED43S/940 PSD PI5 L1410 WH	Signal white	-
96349100	SM530C LED19S/940 PSD PI5 L1410 ALU	-	-	96622500	SM530C LED50S/940 PSD PI5 L1410 ALU	-	-
96353800	SM530C LED40S/940 PSD PI5 L1130 ALU	-	-	96381100	SM530C LED50S/940 PSD PI5 L1410 WH	Signal white	-
96356900	SM530C LED43S/940 PSD PI5 L1410 ALU	-	-	96624900	SM531C LED19S/930 PSD PI5 L1410 WH	-	-

Initial performance (IEC compliant)

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Order Code	Full Product Name	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux	Initial input power
96320000	SM534C LED40S/940 PSD P15 L1130 ALU	4000 K	118 lm/W	4000 lm	34 W
96333000	SM530C LED19S/940 PSD P15 L1410 WH	4000 K	144 lm/W	1900 lm	13.8 W
96337800	SM530C LED34S/940 PSD P15 L1130 ALU	4000 K	145 lm/W	3400 lm	23.5 W
96338500	SM531C LED19S/940 PSD P15 L1410 ALU	4000 K	103 lm/W	1900 lm	18.4 W
96349100	SM530C LED19S/940 PSD P15 L1410 ALU	4000 K	144 lm/W	1900 lm	13.8 W
96353800	SM530C LED40S/940 PSD P15 L1130 ALU	4000 K	143 lm/W	4000 lm	28 W
96356900	SM530C LED43S/940 PSD P15 L1410 ALU	4000 K	152 lm/W	4300 lm	28.5 W

Order Code	Full Product Name	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux	Initial input power
96375000	SM530C LED34S/930 PSD P15 L1130 ALU	3000 K	136 lm/W	3400 lm	25 W
96391000	SM530C LED31S/940 PSD P15 L1410 WH	4000 K	148 lm/W	3100 lm	21 W
96396500	SM531C LED19S/930 PSD P15 L1410 ALU	3000 K	98 lm/W	1900 lm	19.4 W
96397200	SM530C LED43S/940 PSD P15 L1410 WH	4000 K	152 lm/W	4300 lm	28.5 W
96622500	SM530C LED50S/940 PSD P15 L1410 ALU	4000 K	147 lm/W	5000 lm	34 W
96381100	SM530C LED50S/940 PSD P15 L1410 WH	4000 K	147 lm/W	5000 lm	34 W
96624900	SM531C LED19S/930 PSD P15 L1410 WH	3000 K	98 lm/W	1900 lm	19.4 W

Mechanical and housing

Order Code	Full Product Name	Colour
96320000	SM534C LED40S/940 PSD P15 L1130 ALU	Aluminum
96333000	SM530C LED19S/940 PSD P15 L1410 WH	White RAL 9003
96337800	SM530C LED34S/940 PSD P15 L1130 ALU	Aluminum
96338500	SM531C LED19S/940 PSD P15 L1410 ALU	Aluminum
96349100	SM530C LED19S/940 PSD P15 L1410 ALU	Aluminum
96353800	SM530C LED40S/940 PSD P15 L1130 ALU	Aluminum
96356900	SM530C LED43S/940 PSD P15 L1410 ALU	Aluminum

Order Code	Full Product Name	Colour
96375000	SM530C LED34S/930 PSD P15 L1130 ALU	Aluminum
96391000	SM530C LED31S/940 PSD P15 L1410 WH	White RAL 9003
96396500	SM531C LED19S/930 PSD P15 L1410 ALU	Aluminum
96397200	SM530C LED43S/940 PSD P15 L1410 WH	White RAL 9003
96622500	SM530C LED50S/940 PSD P15 L1410 ALU	Aluminum
96381100	SM530C LED50S/940 PSD P15 L1410 WH	White RAL 9003
96624900	SM531C LED19S/930 PSD P15 L1410 WH	White RAL 9003

