



# 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 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
- Stand-alone and continuous lines
- Recessed and suspended versions also available
- Direct and indirect light
- Homogeneous exit window
- Future-proof: PoE

## TrueLine, surface mounted

### Application

- General lighting for mid- and high-end office buildings

### Warnings and Safety

- The product is IPX0 & as such is not protected against water ingress & as such 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 & product warranty will become void

### Specifications

<b>Type</b>	SM530C (office compliant version) SM531C (non-office compliant version)	<b>Beam angle</b>	80 ° (OC version), 110 ° (NOC version)
<b>Light source</b>	Non-replaceable LED module	<b>Luminous flux</b>	1500 to 5000 lm (4000 K)
<b>Power</b>	Office compliant (OC), 1130 and 1170 mm, 4000 K versions: 10 W (direct 1500 lm) 17.5 W (direct 2500 lm) 24 W (direct 3400 lm) 29 W (direct 4000 lm) Non-office compliant (NOC) 1130 and 1170 mm, 4000 K versions: 14.6 W (direct 1500 lm) 24.5 W (direct 2500 lm) Office compliant (OC) 1410 and 1450 mm, 4000 K versions: 12.4 W (direct 1900 lm) 21.5 W (direct 3100 lm) 32 W (direct 4300 lm) 38.5 W (direct 5000 lm) Non-office compliant (OC) 1410 and 1450 mm, 4000 K versions: 17.8 W (direct 1900 lm) 32 W (direct 3100 lm) Office compliant (OC) 1130 and 1170 mm, 3000 K versions: 10.6 W (direct 1500 lm) 18.2 W (direct 2500 lm) 25.5 W (direct 3400 lm) 30.5 W (direct 4000 lm) Non-office compliant (NOC) 1130 and 1170mm, 3000 K: 15.6 W (direct 1500 lm) 26 W (direct 2500 lm) Office compliant (OC) 1410 and 1450 mm, 3000 K versions: 13 W (direct 1900 lm) 23 W (direct 3100 lm) 34 W (direct 4300 lm) 40.5 W (direct 5000 lm) Non-office compliant (OC) 1410 and 1450 mm, 3000 K versions: 18.8 W (direct 1900 lm) 34 W (direct 3100 lm)	<b>Correlated Color</b>	3000 or 4000 K
		<b>Temperature</b>	
		<b>Color Rendering Index</b>	>80
		<b>Lumen maintenance at median useful life*</b>	L85
		<b>50000 h</b>	
		<b>Control gear failure rate at median useful life</b>	5%
		<b>50000 h</b>	
		<b>Performance Ambient</b>	+25 °C
		<b>Temperature Tq</b>	
		<b>Operating temperature range</b>	+10 to +40 °C
		<b>Driver</b>	Built-in
		<b>Power/Data supply</b>	PDS-60 24 V; supply for indoor applications
		<b>Mains voltage</b>	220-240 V / 50-60 Hz
		<b>Dimming</b>	Compatible with many commercial available ELV dimmers
		<b>Controls system input</b>	0-16 V, DALI
		<b>Material</b>	Housing: anodized aluminum Driver box: steel Cover: PMMA or polycarbonate
		<b>Color</b>	Aluminum (ALU)
		<b>Optical cover</b>	Office compliant: PMMA, semi-transparent Non-office compliant: polycarbonate, opal
		<b>Connection</b>	Push-in connector (PI) or with pull relief (PIP)
		<b>Maintenance</b>	Optical module replaceable, no internal cleaning required
		<b>Installation</b>	Individual or in line Through-wiring possible

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## Versions

TrueLine Surface Mounted Asym



Trueline surface mounted SM530C luminaire, office-compliant version, 1.2 m



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



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



TrueLine OC



## Product details

TrueLine-SP534\_SM534P-DPP.tif



TrueLine-RC534B\_SM534C\_SP534P-DPP.tif



# TrueLine, surface mounted

## Product details

TrueLine Surface Mounted black housing



### Application Conditions

Ambient temperature range	+10 to +40 °C
Maximum dim 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	650/5
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. Color Rendering Index	>90
Luminous flux tolerance	+/-10%

## General Information (1/2)

Order Code	Full Product Name	Optical cover/lens type	Lamp family code	Number of light sources	Product Family Code
96316300	SM534C LED50S/940 PSD PI5 L1410 ALU	PM	LED50S	1	SM534C
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
96378100	SM530C LED31S/940 PSD PI5 L1410 ALU	PM	LED31S	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
97115100	SM530C LED31S/940 PSD PI5 L1410 BK	-	-	-	SM530C

## General Information (2/2)

## TrueLine, surface mounted

Order Code	Full Product Name	Standard RAL		
		color	Service tag	UL mark
96316300	SM534C LED50S/940 PSD P15 L1410 ALU	-	Yes	-
96320000	SM534C LED40S/940 PSD P15 L1130 ALU	-	Yes	-
96333000	SM530C LED19S/940 PSD P15 L1410 WH	Signal white	Yes	-
96337800	SM530C LED34S/940 PSD P15 L1130 ALU	-	Yes	-
96338500	SM531C LED19S/940 PSD P15 L1410 ALU	-	Yes	-
96349100	SM530C LED19S/940 PSD P15 L1410 ALU	-	Yes	-
96353800	SM530C LED40S/940 PSD P15 L1130 ALU	-	Yes	-
96356900	SM530C LED43S/940 PSD P15 L1410 ALU	-	Yes	-
96375000	SM530C LED34S/930 PSD P15 L1130 ALU	-	Yes	-

Order Code	Full Product Name	Standard RAL		
		color	Service tag	UL mark
96378100	SM530C LED31S/940 PSD P15 L1410 ALU	-	Yes	-
96391000	SM530C LED31S/940 PSD P15 L1410 WH	-	Yes	-
96396500	SM531C LED19S/930 PSD P15 L1410 ALU	-	Yes	-
96397200	SM530C LED43S/940 PSD P15 L1410 WH	Signal white	Yes	-
96622500	SM530C LED50S/940 PSD P15 L1410 ALU	-	Yes	-
96381100	SM530C LED50S/940 PSD P15 L1410 WH	Signal white	Yes	-
96624900	SM531C LED19S/930 PSD P15 L1410 WH	-	Yes	-
97115100	SM530C LED31S/940 PSD P15 L1410 BK	-	-	-

### Initial Performance (IEC Compliant)

Order Code	Full Product Name	Init. Corr. Color Temperature	Initial LED	Initial	Initial
			luminaire efficacy	luminous flux	input power
96316300	SM534C LED50S/940 PSD P15 L1410 ALU	4000 K	122 lm/W	5000 lm	41 W
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
96375000	SM530C LED34S/930 PSD P15 L1130 ALU	3000 K	136 lm/W	3400 lm	25 W

Order Code	Full Product Name	Init. Corr. Color Temperature	Initial LED	Initial	Initial
			luminaire efficacy	luminous flux	input power
96378100	SM530C LED31S/940 PSD P15 L1410 ALU	4000 K	148 lm/W	3100 lm	21 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
97115100	SM530C LED31S/940 PSD P15 L1410 BK	4000 K	148 lm/W	3100 lm	21 W

## TrueLine, surface mounted

### Mechanical and Housing

Order Code	Full Product Name	Color
96316300	SM534C LED50S/940 PSD PI5 L1410 ALU	Aluminum
96320000	SM534C LED40S/940 PSD PI5 L1130 ALU	Aluminum
96333000	SM530C LED19S/940 PSD PI5 L1410 WH	White RAL 9003
96337800	SM530C LED34S/940 PSD PI5 L1130 ALU	Aluminum
96338500	SM531C LED19S/940 PSD PI5 L1410 ALU	Aluminum
96349100	SM530C LED19S/940 PSD PI5 L1410 ALU	Aluminum
96353800	SM530C LED40S/940 PSD PI5 L1130 ALU	Aluminum
96356900	SM530C LED43S/940 PSD PI5 L1410 ALU	Aluminum
96375000	SM530C LED34S/930 PSD PI5 L1130 ALU	Aluminum

Order Code	Full Product Name	Color
96378100	SM530C LED31S/940 PSD PI5 L1410 ALU	Aluminum
96391000	SM530C LED31S/940 PSD PI5 L1410 WH	White RAL 9003
96396500	SM531C LED19S/930 PSD PI5 L1410 ALU	Aluminum
96397200	SM530C LED43S/940 PSD PI5 L1410 WH	White RAL 9003
96622500	SM530C LED50S/940 PSD PI5 L1410 ALU	Aluminum
96381100	SM530C LED50S/940 PSD PI5 L1410 WH	White RAL 9003
96624900	SM531C LED19S/930 PSD PI5 L1410 WH	White RAL 9003
97115100	SM530C LED31S/940 PSD PI5 L1410 BK	Black

