

Philips TrueLine Surface: True line of light

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

- Extremely high efficacy for a line luminaire
- Office compliant lighting
- Future-ready, scalable smart office capabilities
- Compatible with the Interact connected lighting system
- Supports sustainable building design and energy-saving subsidy criteria

Features

- Luminous efficacy higher than 130 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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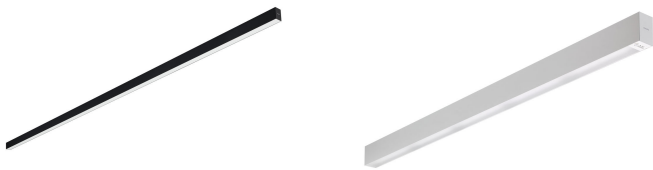
Application

- Offices
- Education
- Retail

Warnings and Safety

- The product is IP40 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

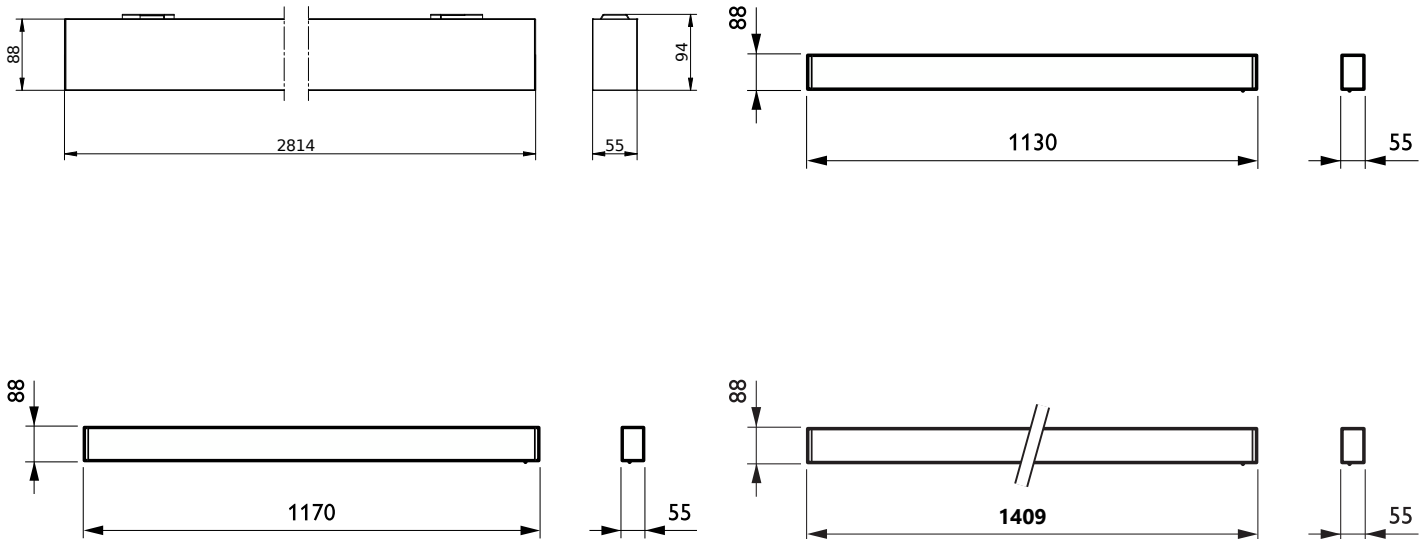
Versions



TrueLine-SM530 L2810 BK

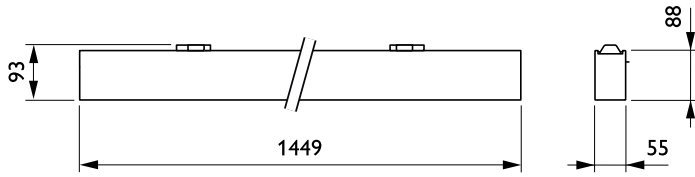
TrueLine SM-U3

Dimensional drawing



TrueLine, surface mounted

Dimensional drawing



Product details

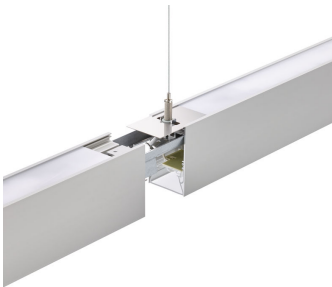
TrueLine_SM-line-U3



TrueLine_SM_SP-line-coupling-piece-side-view



TrueLine_SM_SP-line-connection-top-view-2



TrueLine_Surface-Mounted-line-side-view



TrueLine_SM_SP-line-connection-side-view-2



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General Information

Driver included	Yes
Number of gear units	Unit
Service Tag	Yes

Light Technical

Beam angle of light source	120 degree(s)
Colour rendering index (CRI)	>90

Operating and Electrical

Protection class IEC	Safety class I
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz

Controls and Dimming

Dimmable	Yes
Maximum dim level	1%

Mechanical and Housing

Mech. impact protection code	IK03
Ingress protection code	IP20

Emergency Operation

Central Emergency	Yes
Emergency lighting	DC operated central emergency lighting

Approval and Application

Ambient temperature range	+10 to +40 °C
CE mark	Yes
ENEC mark	ENEC mark
Flammability mark	For mounting on normally flammable surfaces
Glow-wire test	Temperature 650 °C, duration 30 s
Flickering value (PstLM)	1
Stroboscopic effect	0.4

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
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Product Data

Product family code	SM530C
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General Information

Order Code	Full Product Name	Light source replaceable
910505103219	SM530C 34S/940 DEIA L1130 ALU	No
910505103227	SM530C 43S/940 DEIA L1410 ALU	No
910505103225	SM530C 43S/940 DEIA L1410 WH	No
910505103226	SM530C 50S/940 DEIA L1410 WH	No
910505103230	SM530C 31S/940 DEIA L1410 WH	No
910505103265	SM530C 62S/940 DEIA L2810 BK	No
910505103238	SM530C 34S/930 SEIA U4 L1170 ALU	No
910505103239	SM530C 43S/940 SEIA U4 L1450 ALU	No
910505105667	SM530C 50S/TW9 SEIA U4 L1450 ALU	-

Light Technical

TrueLine, surface mounted

Order Code	Full Product Name	Correlated Colour	Luminous efficacy (rated) (nom.)	Luminous Flux	Optic type
		Temperature (Nom)			
910505103219	SM530C 34S/940 DEIA L1130 ALU	4000 K	143 lm/W	3,400 lm	Wide beam
910505103227	SM530C 43S/940 DEIA L1410 ALU	4000 K	144 lm/W	4,300 lm	Wide beam
910505103225	SM530C 43S/940 DEIA L1410 WH	4000 K	144 lm/W	4,300 lm	Wide beam
910505103226	SM530C 50S/940 DEIA L1410 WH	4000 K	139 lm/W	5,000 lm	Wide beam
910505103230	SM530C 31S/940 DEIA L1410 WH	4000 K	148 lm/W	3,100 lm	Wide beam

Order Code	Full Product Name	Correlated Colour	Luminous efficacy (rated) (nom.)	Luminous Flux	Optic type
		Temperature (Nom)			
910505103265	SM530C 62S/940 DEIA L2810 BK	4000 K	152 lm/W	6,200 lm	Wide beam
910505103238	SM530C 34S/930 SEIA U4 L1170 ALU	3000 K	131 lm/W	3,400 lm	Wide beam
910505103239	SM530C 43S/940 SEIA U4 L1450 ALU	4000 K	141 lm/W	4,300 lm	Wide beam
910505105667	SM530C 50S/TW9 SEIA U4 L1450 ALU	Tunable white 2700-6500 K	121 lm/W	5,000 lm	Wide beam office-compliant

Operating and Electrical

Order Code	Full Product Name	Power Consumption	Suitable for random switching
910505103219	SM530C 34S/940 DEIA L1130 ALU	24.5 W	No
910505103227	SM530C 43S/940 DEIA L1410 ALU	30.5 W	No
910505103225	SM530C 43S/940 DEIA L1410 WH	30.5 W	No
910505103226	SM530C 50S/940 DEIA L1410 WH	36 W	No
910505103230	SM530C 31S/940 DEIA L1410 WH	22 W	No
910505103265	SM530C 62S/940 DEIA L2810 BK	44 W	No

Order Code	Full Product Name	Power Consumption	Suitable for random switching
910505103238	SM530C 34S/930 SEIA U4 L1170 ALU	25.5 W	No
910505103239	SM530C 43S/940 SEIA U4 L1450 ALU	30.5 W	No
910505105667	SM530C 50S/TW9 SEIA U4 L1450 ALU	41.5 W	Yes (relates to presence/movement detection and daylight harvesting)

Controls and Dimming

Order Code	Full Product Name	Embedded control
910505103219	SM530C 34S/940 DEIA L1130 ALU	-
910505103227	SM530C 43S/940 DEIA L1410 ALU	-
910505103225	SM530C 43S/940 DEIA L1410 WH	-
910505103226	SM530C 50S/940 DEIA L1410 WH	-
910505103230	SM530C 31S/940 DEIA L1410 WH	-
910505103265	SM530C 62S/940 DEIA L2810 BK	-

Order Code	Full Product Name	Embedded control
910505103238	SM530C 34S/930 SEIA U4 L1170 ALU	Upgradable sensor slot with SC200 sensor
910505103239	SM530C 43S/940 SEIA U4 L1450 ALU	Upgradable sensor slot with SC200 sensor
910505105667	SM530C 50S/TW9 SEIA U4 L1450 ALU	Upgradable sensor slot with SC200 sensor

Mechanical and Housing

TrueLine, surface mounted

Order Code	Full Product Name	Housing Colour
910505103219	SM530C 34S/940 DEIA L1130 ALU	Aluminium
910505103227	SM530C 43S/940 DEIA L1410 ALU	Aluminium
910505103225	SM530C 43S/940 DEIA L1410 WH	White
910505103226	SM530C 50S/940 DEIA L1410 WH	White
910505103230	SM530C 31S/940 DEIA L1410 WH	White

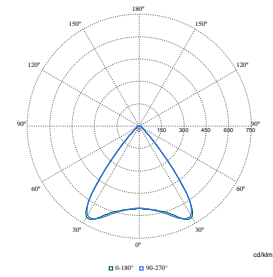
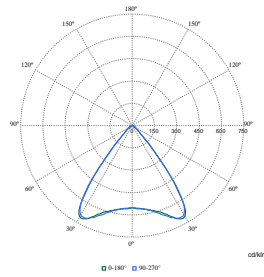
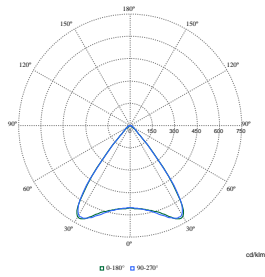
Order Code	Full Product Name	Housing Colour
910505103265	SM530C 62S/940 DEIA L2810 BK	Black
910505103238	SM530C 34S/930 SEIA U4 L1170 ALU	Aluminium
910505103239	SM530C 43S/940 SEIA U4 L1450 ALU	Aluminium
910505105667	SM530C 50S/TW9 SEIA U4 L1450 ALU	Aluminium

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial chromaticity
910505103219	SM530C 34S/940 DEIA L1130 ALU	(0.38, 0.38) SDCM <3
910505103227	SM530C 43S/940 DEIA L1410 ALU	(0.38, 0.38) SDCM <3
910505103225	SM530C 43S/940 DEIA L1410 WH	(0.38, 0.38) SDCM <3
910505103226	SM530C 50S/940 DEIA L1410 WH	(0.38, 0.38) SDCM <3
910505103230	SM530C 31S/940 DEIA L1410 WH	(0.38, 0.38) SDCM <3

Order Code	Full Product Name	Initial chromaticity
910505103265	SM530C 62S/940 DEIA L2810 BK	(0.38, 0.38) SDCM <3
910505103238	SM530C 34S/930 SEIA U4 L1170 ALU	(0.43, 0.40) SDCM <3
910505103239	SM530C 43S/940 SEIA U4 L1450 ALU	(0.38, 0.38) SDCM <3
910505105667	SM530C 50S/TW9 SEIA U4 L1450 ALU	Tunable, SDCM ≤3

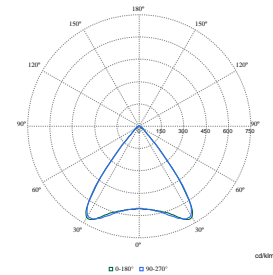
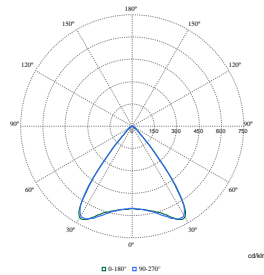
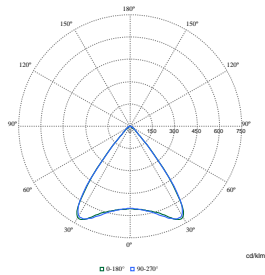
Polar Wide Diagrams



Polar Normal (separate) - SM530CI - 910505103239

Polar Normal (separate) - SM530CI - 910505103226

Polar Normal (separate) - SM530CI - 910505103230



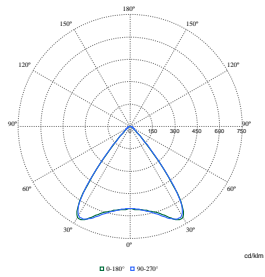
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Polar Normal (separate) - SM530CI - 910505103227

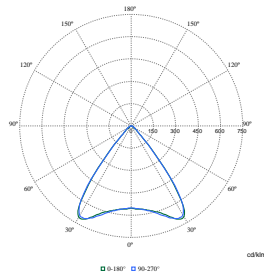
Polar Normal (separate) - SM530CI - 910505103225

TrueLine, surface mounted

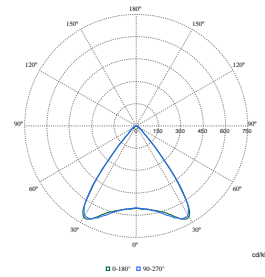
Polar Wide Diagrams



Polar Normal (separate) - SM530CI - 910505103265



Polar Normal (separate) - SM530CI - 910505103219



Polar Normal (separate) - SM530CI - 910505105667

