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

TrueLine, surface mounted

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-SM534C

TrueLine-SM530 L570 WH

TrueLine Surface Mounted black housing

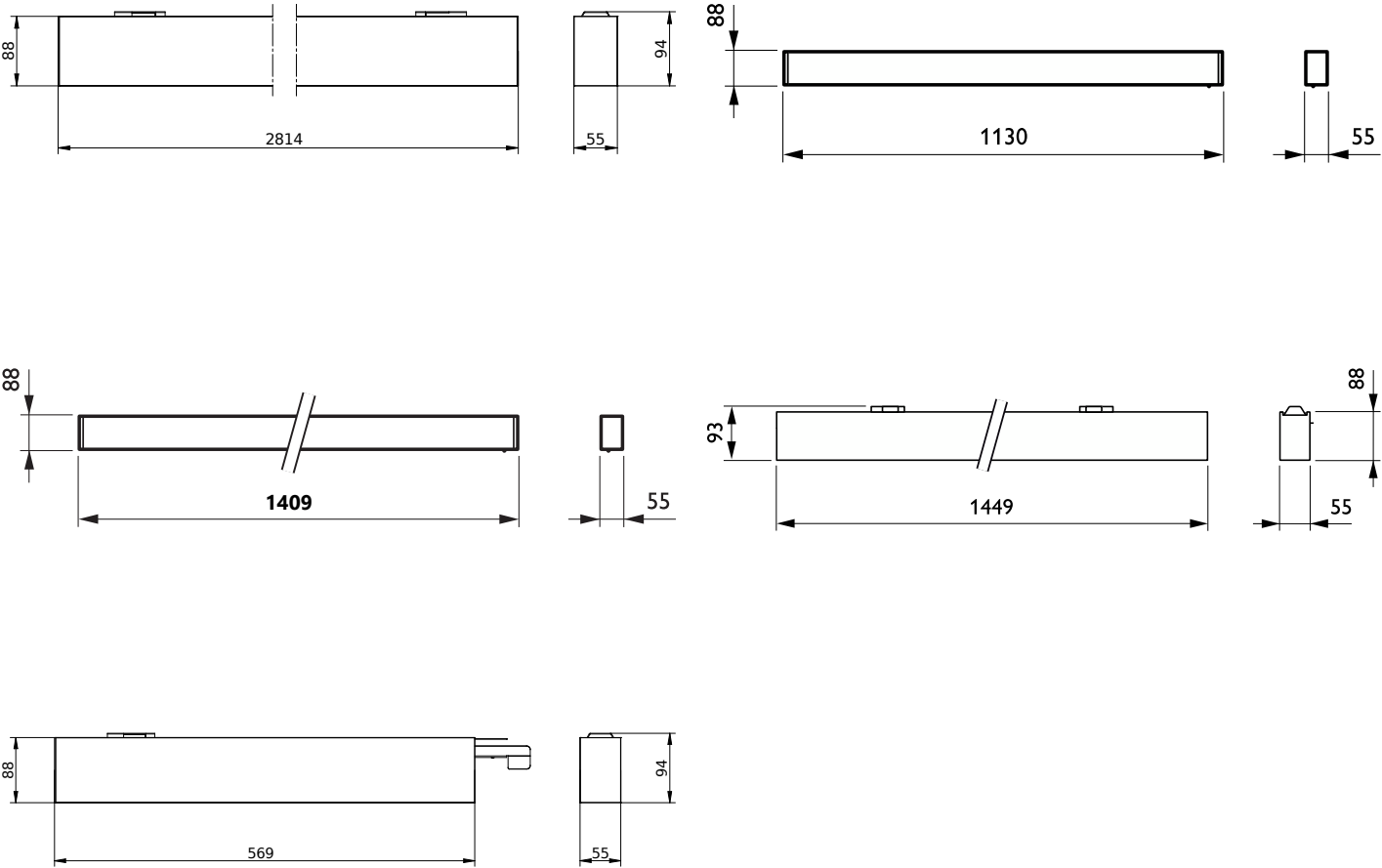**TrueLine-SM530 L2810 BK**

TrueLine-SM530 L570 BK

TrueLine SM-U3

TrueLine-SM530 L2810 WH

TrueLine, surface mounted

Dimensional drawing

88 · 2814 · 94 · 55

88 · 1130 · 88 · 55

88 · 1409 · 55

93 · 1449 · 88 · 55

88 · 569 · 94 · 55

Product details

TrueLine-SP534_SM534P-DPP.tif

TrueLine-
RC534B_SM534C_SP534P-DPP.tif

TrueLine, surface mounted

Product details

TrueLine_SM-line-U3

TrueLine Surface Mounted black housing

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-connectio-side-view-2

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TrueLine, surface mounted

General Information

CE mark	Yes
Driver included	Yes
ENEC mark	ENEC mark
Flammability mark	For mounting on normally flammable surfaces
Glow-wire test	Temperature 650 ℃, duration 30 s
Light source replaceable	No
Number of gear units	Unit

Light Technical

Beam angle of light source	120 degree(s)
Colour rendering index (CRI)	>90
Flickering value (PstLM)	1
Stroboscopic effect	0.4

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz

Temperature

Ambient temperature range	+10 to +40 ℃

Controls and Dimming

Dimmable	Yes

Approval and Application

Protection class IEC	Safety class I
Mech. impact protection code	IK02
Ingress protection code	IP20

Initial Performance (IEC Compliant)

Initial chromaticity	(0.38, 0.38) SDCM <3
Luminous flux tolerance	+/-10%

Application Conditions

Maximum dim level	1%
Suitable for random switching	No

General Information

Order Code	Full Product Name	Product family code
97224700	SM534C LED40S/940 PSD PI5 L1130 ALU	SM534C
97208700	SM530C LED31S/940 PSD PI5 L1410 WH	SM530C
97313800	SM531C LED31S/TW9 DIA PI5 L1410 WH	SM531C
97278000	SM531C LED12S/940 PSD LE2 PI5 L570 WH	SM531C
97312100	SM530C LED34S/TW9 DIA PI5 L1130 BK	SM530C
97301500	SM530C LED62S/940 PSD PI5 L2810 BK	SM530C
97279700	SM530C LED17S/940 PSD LE2 PI5 L570 BK	SM530C
97314500	SM530C LED43S/TW9 SIA U4 L1450 ALU	SM530C
97302200	SM531C LED62S/940 PSD PI5 L2810 WH	SM531C

Light Technical

Order Code	Full Product Name	Correlated Colour Temperature	Luminous efficacy (rated) (nom.)	Luminous Flux	Optic type
97224700	SM534C LED40S/940 PSD PI5 L1130 ALU	4000 K	130 lm/W	4,000 lm	Asymmetrical mirror

Order Code	Full Product Name	Correlated Colour Temperature	Luminous efficacy (rated) (nom.)	Luminous Flux	Optic type
97208700	SM530C LED31S/940 PSD PI5 L1410 WH	4000 K	148 lm/W	3,100 lm	Wide beam

Order Code	Full Product Name	Correlated Colour Temperature	Luminous efficacy (rated) (nom.)	Luminous Flux	Optic type
97313800	SM531C LED31S/TW9 DIA PI5 L1410 WH	Tunable white 2700-6500 K	91 lm/W	3,100 lm	Wide beam
97278000	SM531C LED12S/940 PSD LE2 PI5 L570 WH	4000 K	102 lm/W	1,250 lm	Wide beam
97312100	SM530C LED34S/TW9 DIA PI5 L1130 BK	Tunable white 2700-6500 K	124 lm/W	3,400 lm	Wide beam
97301500	SM530C LED62S/940	4000 K	150 lm/W	6,200 lm	Wide beam

Order Code	Full Product Name	Correlated Colour Temperature	Luminous efficacy (rated) (nom.)	Luminous Flux	Optic type
	PSD PI5 L2810 BK				
97279700	SM530C LED17S/940 PSD LE2 PI5 L570 BK	4000 K	143 lm/W	1,700 lm	Wide beam
97314500	SM530C LED43S/TW9 SIA U4 L1450 ALU	Tunable white 2700-6500 K	121 lm/W	4,300 lm	Wide beam
97302200	SM531C LED62S/940 PSD PI5 L2810 WH	4000 K	111 lm/W	6,200 lm	Wide beam

Operating and Electrical

Order Code	Full Product Name	Power Consumption
97224700	SM534C LED40S/940 PSD PI5 L1130 ALU	28.5 W
97208700	SM530C LED31S/940 PSD PI5 L1410 WH	22 W
97313800	SM531C LED31S/TW9 DIA PI5 L1410 WH	34 W
97278000	SM531C LED12S/940 PSD LE2 PI5 L570 WH	11.8 W
97312100	SM530C LED34S/TW9 DIA PI5 L1130 BK	27.5 W

Order Code	Full Product Name	Power Consumption
97301500	SM530C LED62S/940 PSD PI5 L2810 BK	44 W
97279700	SM530C LED17S/940 PSD LE2 PI5 L570 BK	12.2 W
97314500	SM530C LED43S/TW9 SIA U4 L1450 ALU	35.5 W
97302200	SM531C LED62S/940 PSD PI5 L2810 WH	56 W

Mechanical and Housing

Order Code	Full Product Name	Housing Colour
97224700	SM534C LED40S/940 PSD PI5 L1130 ALU	Aluminium
97208700	SM530C LED31S/940 PSD PI5 L1410 WH	White RAL 9003
97313800	SM531C LED31S/TW9 DIA PI5 L1410 WH	White RAL 9003
97278000	SM531C LED12S/940 PSD LE2 PI5 L570 WH	White RAL 9003
97312100	SM530C LED34S/TW9 DIA PI5 L1130 BK	Black RAL 9004

Order Code	Full Product Name	Housing Colour
97301500	SM530C LED62S/940 PSD PI5 L2810 BK	Black RAL 9004
97279700	SM530C LED17S/940 PSD LE2 PI5 L570 BK	Black RAL 9004
97314500	SM530C LED43S/TW9 SIA U4 L1450 ALU	Aluminium
97302200	SM531C LED62S/940 PSD PI5 L2810 WH	White RAL 9003