PHILIPS

TrueLine Elite

Smart

Scalable

Sustainable

interact ready.

Future ready your business with smart office lighting

The right **luminaire** for every space

The TrueLine family offers various mounting options; suspended, surface-mounted and recessed. It can be used as a standalone individual luminaire or as a continuous line of light. You can also choose to apply direct or indirect lighting, depending on the space and its purpose. The range's excellent design uniformity is maintained across all standard and specifically tailored lighting solutions.

CRI90, SDCM3 are standard with TrueLine family and support designing for health and well-being as defined by the WELL Building Standard.

Lighting controls play an important part in providing complete office lighting solutions. Signify is able to offer both Wireless and Wired scalable solutions such as Dali and Zigbee connectivity. See page 6 for more information

- High quality CRI90 LED chips with SDCM 3 specification ensure the best colour quality and minimal colour shift
- Various lumen output options allow for total flexibility in the design in process
- Multiple choices of control interfaces are available to make lighting control simple
- Multiple lengths 0.6m, 1.2m, 1.5m and 2.4m

- **Up to 150lm/W Efficacy**
- **L75 @ 100,000hrs**
- **L80 @ 70,000hrs**
- **L85 @ 50,000hrs**
- **Dali**
- **Connected Interact Pro**
- **CRI 90 / R9 >50**
- **Surface / Suspended & Recessed mount**
- **Standalone or continuous line**

Meeting Room Lighting

Silo Office Lighting

Specifications – Trueline Elite Extrusion

MODEL	SP530P & SP531P Suspended (Direct) & SM530C Surface							
Type	LED15	LED25	LED34	LED40	LED19	LED31	LED43	LED50
Power (PSD)	10W	18W	24W	28W	12W	22W	28W	34W
System Lumens	1500lm	2500lm	3400lm	4000lm	1900lm	3100lm	4300lm	5000lm
System Efficacy	150lm/W	139lm/W	141lm/W	142lm/W	158lm/W	141lm/W	153lm/W	147lm/W
Size*	1130mm				1410mm			

MODEL	SP532P Suspended (Direct-Indirect)							
Type	LED21	LED36	LED49	LED58	LED29	LED47	LED66	LED77
Power (PSD)	15W	25W	36W	41W	19W	32W	46W	56W
System Lumens	1500/660lm	2500/1100lm	3400/1550lm	4000/1850lm	1900/1000lm	3100/1650lm	4300/2300lm	5000/2700lm
System Efficacy	144lm/W	144lm/W	138lm/W	143lm/W	152lm/W	147lm/W	143lm/W	138lm/W
Size*	1130mm				1410mm			

MODEL	SP533P Suspended (Direct-Indirect)					
Type	LED24	LED41		LED33	LED54	
Power (PSD)	21W	36W		29W	51W	
System Lumens	1500/940	2500/1600		1900/1400	3100/2300	
System Efficacy	116lm/W	114lm/W		114lm/W	106lm/W	
Size*	1130mm			1410mm		

MODEL	Trueline Elite Extrusion (Recessed) RC530B/RC531B/RC533B/RC533B							
Type	LED15	LED25	LED34	LED40	LED19	LED31	LED43	LED50
Power (PSD)	10W	18W	24W	28W	12W	22W	28W	34W
System Lumens	1500lm	2500lm	3400lm	4000lm	1900lm	3100lm	4300lm	5000lm
System Efficacy	150lm/W	139lm/W	141lm/W	142lm/W	158lm/W	141lm/W	153lm/W	147lm/W
Size*	VPC (Visible Profile Ceiling) 1197mm, PCV (Plaster Ceiling) 1152mm				VPC (Visible Profile Ceiling) 1497mm, PCV (Plaster Ceiling) 1432mm			

GENERAL	
Colour Temperature	3000K & 4000K
Mounting	Standalone & Continuous line with line end & line feature connection, Suspended option supplied with wires & ceiling connection box
Input Voltage	220-240V
Electrical Class	I
Driver Type	PSD-Dali, WIA-Wireless, SR-System Ready
Electrical Connection	1.5m 5 core pre-wired flex for suspended option only, PIP (Push-In -Connection) for surface & recessed mount
Lumen Maintanance	100,000hrs L75, 70,000 L80, 50,000 L85 (based on TM21 calculation)
SDCM	3
CRI	CRI90 (R9 is equal to or greater than 50)
IP Rating	IP40/IP20
UGR Rating**	UGR19
Material	Aluminium Frame, PMMA frosted front lens
Finish	Black (RAL9004), White (RAL 9003) & Aluminium Finish
Warranty	5 Years

0.6m, 1.8m & 2.4m lengths available on request. * Size for stand-alone PSD models. ** For 530 & 532 models.

Lobby Lighting

Flicker free

Philips Office Elite Products utilise industry best LED drivers that deliver flicker[1] free performance and no stroboscopic effect[2].

[1] *Additionally the Dali standard specifies 8 bit (256 discrete light levels) that can introduce the appearance of Flicker during transitions (dynamic dimming). Dimming performance is improved with Elite Luminaires by the addition of further bits totalling 32,000 (15bit). These interpolated dimming levels protect against flicker artefacts during light level transitions.*
[2] *In the absence of compulsory standards Philips Lighting opted to use the accepted test methods according to IEC TR 61547-1 [1] (Flicker) and IEC TR 61547-1 [5] (Stroboscopic Effect) with the following limits: PstLM ≤ 0.5 and SVM ≤ 1.*
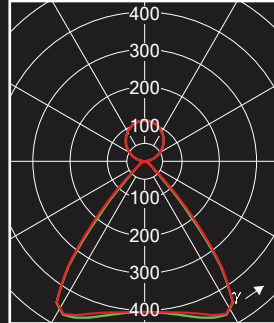
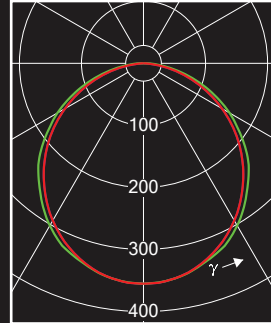# Polar intensity

TrueLine **Suspended**

Office compliant
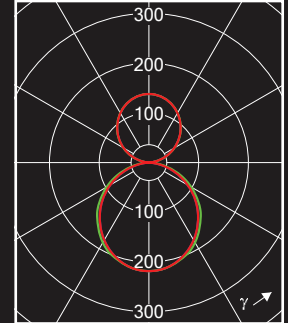SP530P
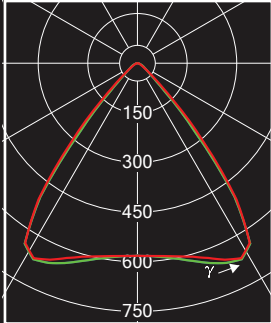
direct

Office compliant
SP532P

direct / indirect

Wide Beam
SP531P

direct

Wide Beam
SP533P

direct / indirect

TrueLine **Surface – Mounted**

Office compliant
SM530C
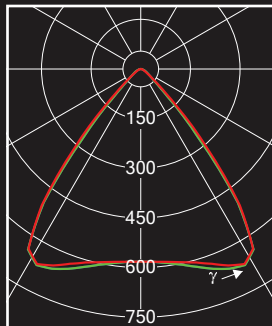
direct

Wide Beam
SM531C
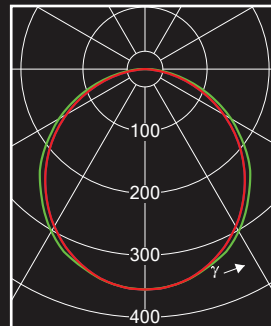
direct

Asymmetrical
SM531C
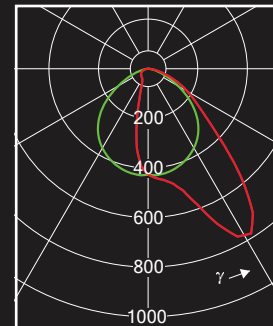
direct

TrueLine **Recessed**

Office compliant
RC530B/RC532B
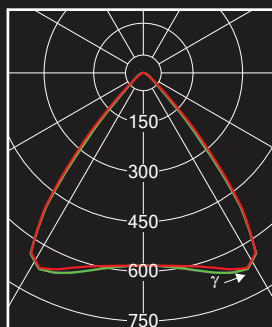
direct

Non-Office compliant
RC531B/RC533B
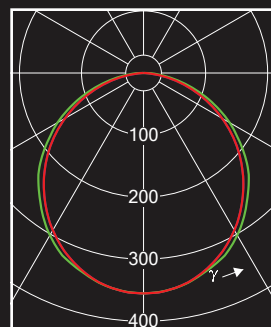
direct

Asymmetrical
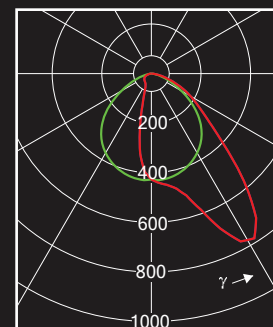
How to **create** uniform **continuous** lines of **light**

To build a uniform line of light, we need to connect more modules:

Surface & Suspended (PSD models)

Add 1 pcs of Line End (LE1) to a/many Line Features (LF1). No other components are required (these are included in the LE1)

Line End

Line Feature
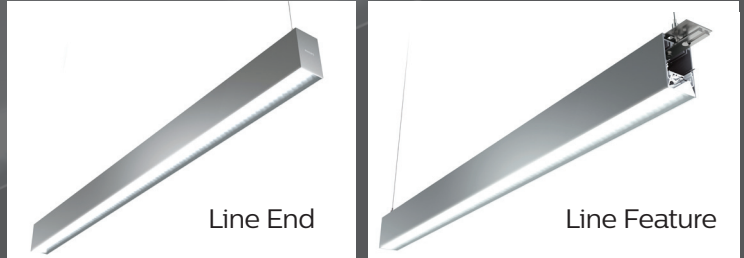
Examples for Suspended/Surface mounted luminaires

6 luminaires	8 luminaires
1pcs of LE1	1pcs of LE1
5pcs of LF1	7pcs of LF1

The maximum number of luminaires in a line for both the 1.2m and 1.5m = 10, however you can now add an 11th piece with additional cable which will allow another 10pcs and so on.

Examples of line with 2 luminaires: 1 pc of LE1 and 1 pc of LF1

Recessed (PSD Models)

Add 2 standard fixtures (RC532B) and 1 set of end caps (RC530Z EP WH) which needs to be ordered separately.

First luminaire in a line

Coupling Feature

Coupling feature of recessed, 1st + 2nd luminaire in the line
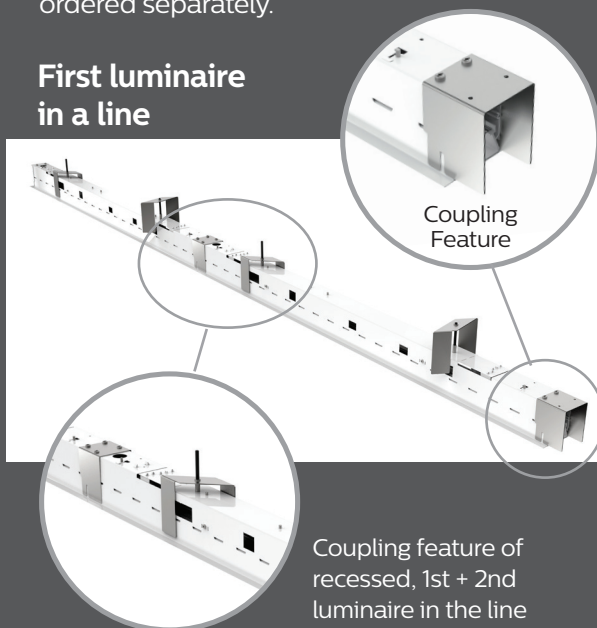
Examples for Recessed mounted luminaires

4pcs of RC532B (coupling features are included) 1 set of RC530Z EP WH (End Caps) Max number of luminaires in a line for both the 1.2m and the 1.5m is : 16

Control Options

Dali

A reliable Dali Driver is supplied standard with the TrueLine luminaires to provide stable lumen output and light quality that lighting specifiers and architects demand. The dimming range is between 1–100% and the driver interfaces with DALI and Touch & Dim control systems.

Lighting control made easy with Dynalite

The Philips Dynalite control platform benefits from 30 years of experience in delivering superior lighting control solutions. Dynalite manages all DALI luminaires, Tunable White recipes to create better environments, and occupancy strategies to maximise the efficiency of workspaces. This takes place seamlessly through multiple control components and the distributed intelligence defining relationships within the system architecture. Reporting and monitoring of the network via Dynalite System Manager software not only provides insights into the operation but also DALI reporting – giving the client the necessary tools to effectively manage the intelligent building.

interact Pro scalable system

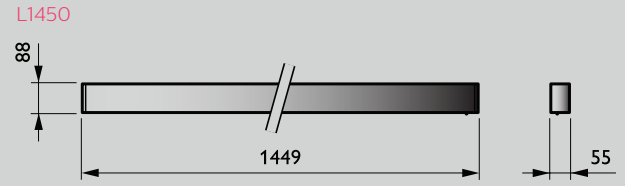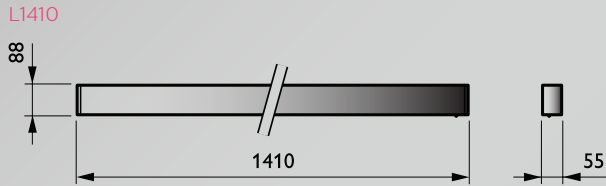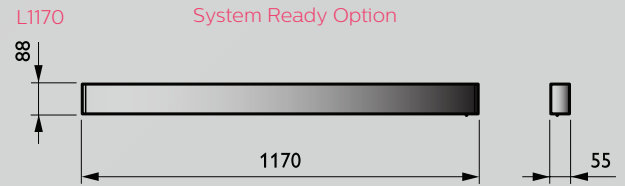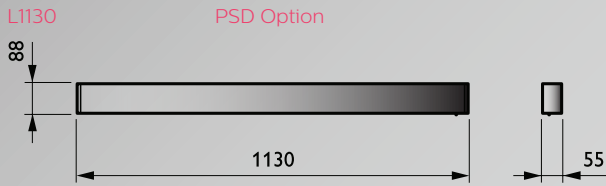Connectivity is everything...it is everywhere...it is the future

Interact Pro scalable system allows you to safeguard your day 1 investment and scales up easily with your growing business needs, all without reworking your luminaires.

· Truly straigthforward
· No restrictions on light points or building size
· Just add a gateway anytime and unlock
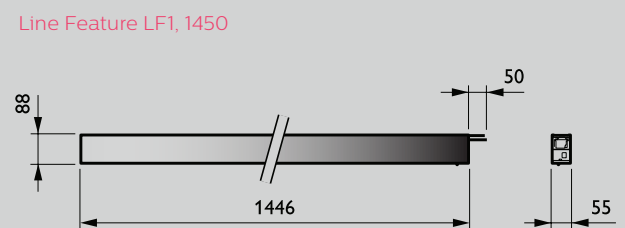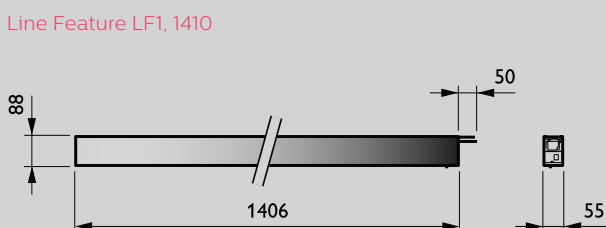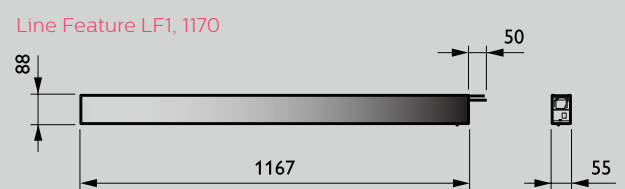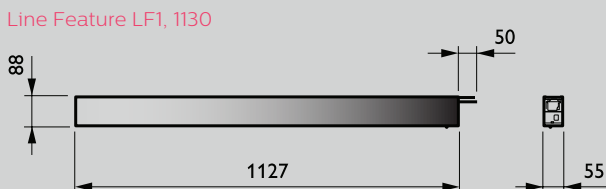 more capabilities
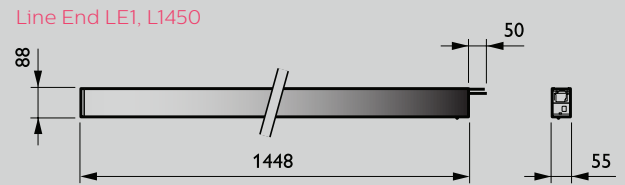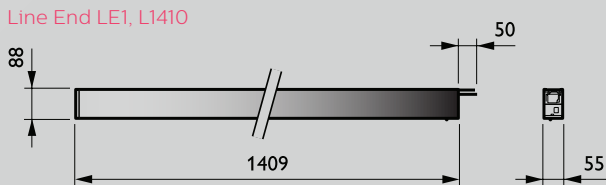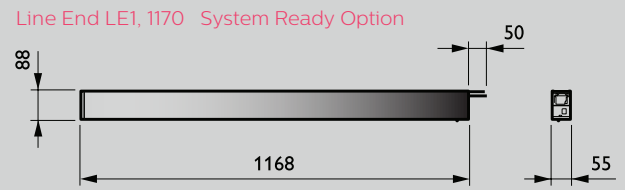· No need to change or swap sensors

Dimensions

Dimensions shown below are nominal measurements. Slight variations in dimensions may occur in production.

TrueLine surface-mounted, stand-alone SM530C, SM531C

L1130 PSD Option

88

1130

55

L1170 System Ready Option

88

1170

55

L1410

88

1410

55

L1450

88

1449

55

TrueLine surface-mounted, continuous SM530C, SM531C

Line End LE1, 1130 PSD Option

88

50

1128

55

Line End LE1, 1170 System Ready Option

88

50

1168

55

Line End LE1, L1410

88

50

1409

55

Line End LE1, L1450

88

50

1448

55

Line Feature LF1, 1130

88

50

1127

55

Line Feature LF1, 1170

88

50

1167

55

Line Feature LF1, 1410

88

50

1406

55

Line Feature LF1, 1450

88

50

1446

55

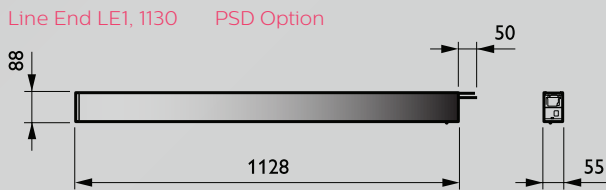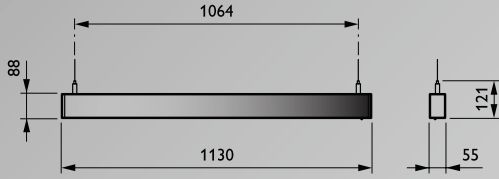# Dimensions

Dimensions shown below are nominal measurements. Slight variations in dimensions may occur in production.

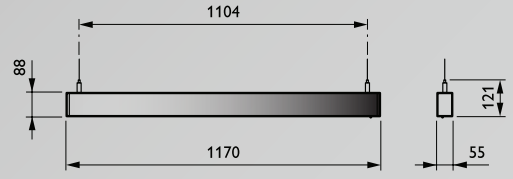## TrueLine suspended, stand-alone, SP530P, SP531P, SP532P, SP533P
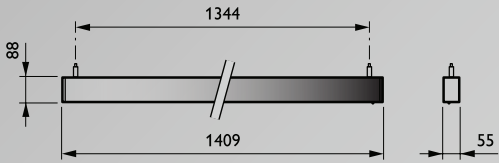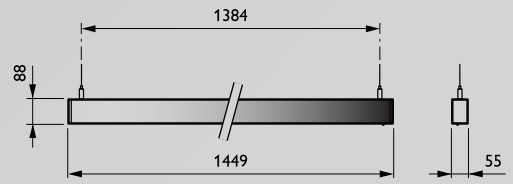
L1130 — PSD Option

1064
88
121
1130
55

L1170 — System Ready Option

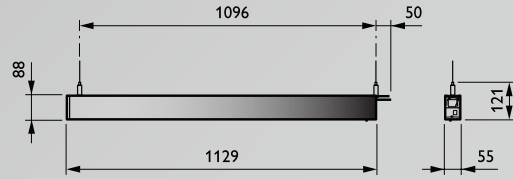1104
88
121
1170
55

L1410

1344
88
1409
55

L1450

1384
88
1449
55

TrueLine suspended, continuous, SP530P, SP531P, SP532P, SP533P

Line End LE1, 1130 — PSD Option
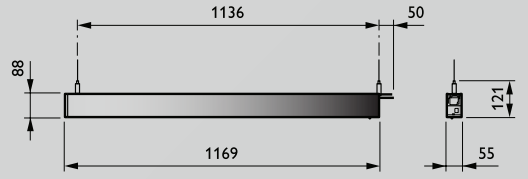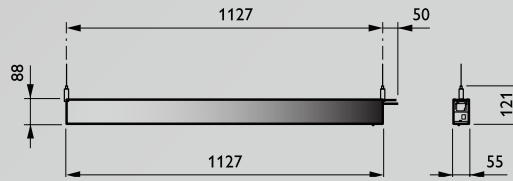
1096
50
88
121
1129
55

Line End LE1, 1170 — System Ready Option

1136
50
88
121
1169
55

Line Feature LF1, 1130

1127
50
88
121
1127
55

Line Feature LF1, 1170

1167
50
88
121
1167
55

Line End LE1, 1410

1375
50
88
1408
55

Line End LE1, 1450

1415
50
88
1448
55

Line Feature LF1, 1410

1406
50
88
1406
55

Line Feature LF1, 1450

1446
50
88
1446
55
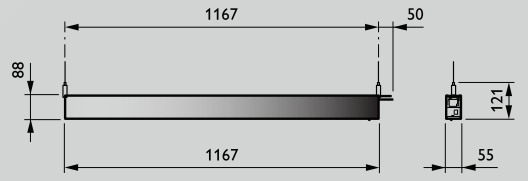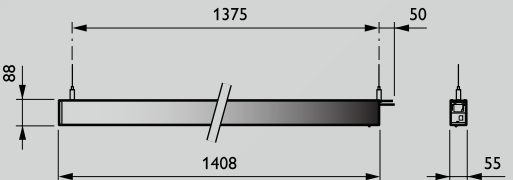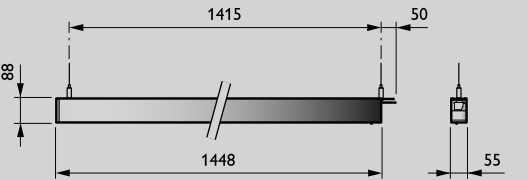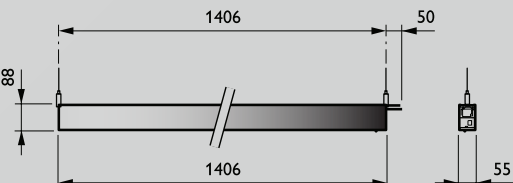
Dimensions

Dimensions shown below are nominal measurements. Slight variations in dimensions may occur in production.

TrueLine Recessed, RC530B

Recessed
VPC
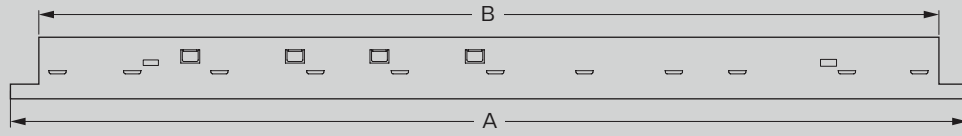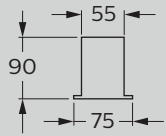
	A (mm)	B (mm)	System Ready	Weight (kg)
W8L120	1197	1130		2.6
		1170	*	2.8
W8L150	1497	1410		3.2
		1450	*	3.3

Recessed
PCV
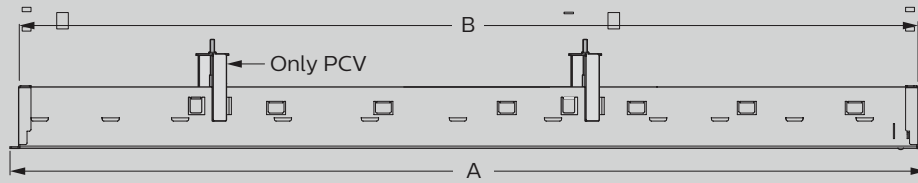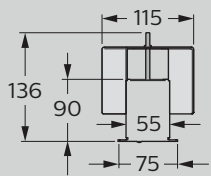
	A (mm)	B (mm)	System Ready	Weight (kg)
W8L113	1152	1130		2.6
W8L117	1192	1170	*	2.8
W8L141	1432	1410		3.1
W8L145	1472	1450	*	3.4

Only PCV

Recessed Line
(VPC/PCV)
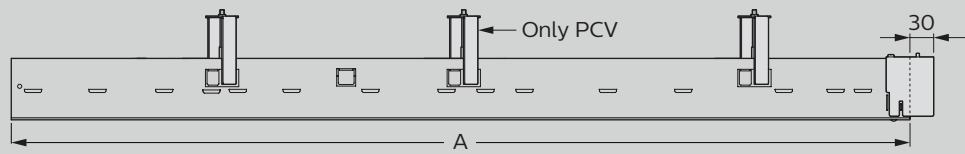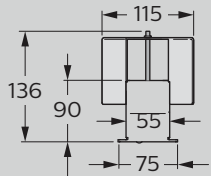
	A (mm)	B (mm)	System Ready	Weight (kg)
W8L113	1127			2.5
W8L117	1167		*	2.7
W8L141	1408			3
W8L145	1448		*	3.2

Only PCV

office compliant

wide beam

asymmetrical version

Suspended

Optic	Distribution	Flux (LED)	Length	Colour Temp	Driver	Wiring	Suspension Set	Line Version	Colour
Office Compliant	Direct (SP530P)	1500 (15S)	L1130/L1170*	3000 (930) 4000 (940)	PSD (Dali) WIA-Wireless and SR-System Ready	P15 (Push-in connection)	SM2	Stand-alone Continuious Line-end (LE) Continuious Line-feature (LF)	ALU (Aluminium) WH (RAL9003) BK (RAL 9004)
		2500 (25S)							
		3400 (34S)							
		4000 (40S)							
		1900 (19S)	L1410/L1450*						
		3100 (31S)							
		4300 (43S)							
		5000 (50S)							
	Direct/Indirect (SP532P)	2160 (21S)	L1130/L1170*						
		3600 (36S)							
		4950 (49S)							
		5850 (58S)							
		2900 (29S)	L1410/L1450*						
		4750 (47S)							
		6600 (66S)							
		7700 (77S)							
Wide Beam	Direct (SP531P)	1500 (15S)	L1130/L1170*						
		2500 (25S)							
		1900 (19S)	L1410/L1450*						
		3100 (31S)							
	Direct/Indirect (SP533P)	2440 (24S)	L1130/L1170*						
		4100 (41S)							
		3300 (33S)	L1410/L1450*						

Standard Code Examples

SP530P LED34S/940 PSD PI5 SM2 L1130 ALU
SP530P LED43S/940 PSD PI5 SM2 L1410 ALU
SP532P LED36S/940 PSD PI5 SM2 L1130 ALU
SP532P LED47S/940 PSD PI5 SM2 L1410 ALU
SP532P LED49S/940 PSD PI5 SM2 L1130 ALU
SP532P LED66S/940 PSD PI5 SM2 L1410 ALU

SP531P LED25S/940 PSD PI5 SM2 L1130 ALU
SP531P LED31S/940 PSD PI5 SM2 L1410 ALU
SP533P LED41S/940 PSD PI5 SM2 L1130 ALU
SP533P LED54S/940 PSD PI5 SM2 L1410 ALU

Surface Mounted

Optic	Distribution	Flux (LED)	Length	Colour Temp	Driver	Wiring	Suspension Set	Line Version	Colour
Office Compliant	Direct (SM530C)	1500 (15S)	L1130/L1170*	3000 (930) 4000 (940)	PSD (Dali) WIA-Wireless and SR-System Ready	P15 (Push-in connection)	N/A	Stand-alone Continuious Line-end (LE) Continuous Line-feature (LF)	ALU (Aluminium) WH (RAL9003) BK (RAL 9004)
		2500 (25S)							
		3400 (34S)							
		4000 (40S)							
		1900 (19S)	L1410/L1450*						
		3100 (31S)							
		4300 (43S)							
		5000 (50S)							
Wide Beam	Direct (SM531C)	1500 (15S)	L1130/L1170*						
		2500 (25S)							
		1900 (19S)	L1410/L1450*						
		3100 (31S)							

* Dimensions for types with Sensors

Standard Code Examples

SM530C LED34S/940 PSD PI5 L1130 ALU	SM530C LED43S/940 PSD PI5 L1410 ALU	SM531C LED25S/940 PSD PI5 L1130 ALU
SM530C LED40S/940 PSD PI5 L1130 ALU	SM530C LED50S/940 PSD PI5 L1410 ALU	SM531C LED31S/940 PSD PI5 L1410 ALU

Recessed Stand-alone

Optic	Distribution	Flux (LED)	Length	Colour Temp	Driver	Wiring	Colour
Office Compliant	Direct (RC530B)	1500 (15S)	Plaster Ceiling Variant (PCV) L1152 Visable Profile Variant (VPC) L1197	3000 (930) 4000 (940)	PSD (Dali) WIA-Wireless and SR-System Ready	P15 (Push-in connection)	WH (RAL9003)
		2500 (25S)					
		3400 (34S)					
		4000 (40S)					
		1900 (19S)	Plaster Ceiling Variant (PCV) L1432 Visable Profile Variant (VPC) L1497				
		3100 (31S)					
		4300 (43S)					
		5000 (50S)					
Wide Beam	Direct (RC531B)	1500 (15S)	Plaster Ceiling Variant (PCV) L1152				
		2500 (25S)	Visable Profile Variant (VPC) L1197				
		1900 (19S)	Plaster Ceiling Variant (PCV) L1432				
		3100 (31S)	Visable Profile Variant (VPC) L1497				

Recessed Line Continuous

Optic	Distribution	Flux (LED)	Length	Colour Temp	Driver	Wiring	Colour
Office Compliant	Direct (RC532B)	1500 (15S)	(VPC/PCV) L1127	3000 (930) 4000 (940)	PSD (Dali) WIA-Wireless and SR-System Ready	P15 (Push-in connection)	WH (RAL9003)
		2500 (25S)					
		3400 (34S)					
		4000 (40S)					
		1900 (19S)	(VPC/PCV) L1408				
		3100 (31S)					
		4300 (43S)					
		5000 (50S)					
Wide Beam	Direct (RC533B)	1500 (15S)	(VPC/PCV) L1127				
		2500 (25S)					
		1900 (19S)	(VPC/PCV) L1408				
		3100 (31S)					

Standard Code Examples

RC530B LED34S/940 PSD W8L113 PCV PI5	RC532B LED34S/940 PSD W8L113 PCV PI5
RC530B LED40S/940 PSD W8L113 PCV PI5	RC532B LED40S/940 PSD W8L113 PCV PI5
RC530B LED43S/940 PSD W8L141 PCV PI5	RC532B LED43S/940 PSD W8L141 PCV PI5
RC530B LED50S/940 PSD W8L141 PCV PI5	RC532B LED50S/940 PSD W8L141 PCV PI5
RC531B LED25S/940 PSD W8L113 PCV PI5	RC533B LED25S/940 PSD W8L113 PCV PI5
RC531B LED31S/940 PSD W8L141 PCV PI5	RC533B LED31S/940 PSD W8L141 PCV PI5

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