



FlexBlend heading the way to efficient and flexible furnished offices areas

FlexBlend, Suspended

Philips FlexBlend is an attractive family of surface mounted and suspended luminaires, next to Flexblend recessed. The luminaire range is enabling building owners to advance their lighting operations, by offering office-compliant lighting with a return on investment of less than 3 to 4 years. FlexBlend provides the required flexibility through the adaptability in design. This gives the possibility to install the luminaires easily in the field, at any moment. Even when today's luminaire is suspended, tomorrow this can be adapted to a surface mounted installation at the venue. And the other way around. The surface mounted and suspended luminaire range fit to many different office spaces like open plan office, corridors, reception or meeting rooms. FlexBlend is offered in both lines and as standalone, using the same lighting module. This gives the option to the users to use FlexBlend as standalone now, and tomorrow, as line. The controller is integrated in the luminaire. As technology is changing fast, the ideal lighting solution is also expected to be ready to incorporate innovations that can help optimize operations further. For this reason, FlexBlend holds all connectivity and future ready options available. As System Ready luminaire it can be paired with lighting management systems such as the Philips SpaceWise, and to software-based lighting systems as Interact Office wired (PoE) and Interact Office wireless and/or existing and upcoming sensor innovations. The luminaire range is therefore future ready and can be delivered without any system component, and in a next phase, in the field to be upgraded. An attractive opportunity for new installations and renovations.

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Benefits

- Return of investment less than 3 years
- A flexible office, with application flexibility to the choice of luminaires to fit many office areas
- Future ready: scalable and ready to be connected to controls and lighting systems

Features

- Fully office compliant (UGR <19, L65 < 3000cd/sm) , light level according to office applications requirements
- Homogenous and uniform light effect
- Various mounting options, dimensional variety and local options
- Integrated sensors
- Ready to be connected to software based lighting systems such as Interact Office

Application

- Offices
- Education
- Healthcare

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

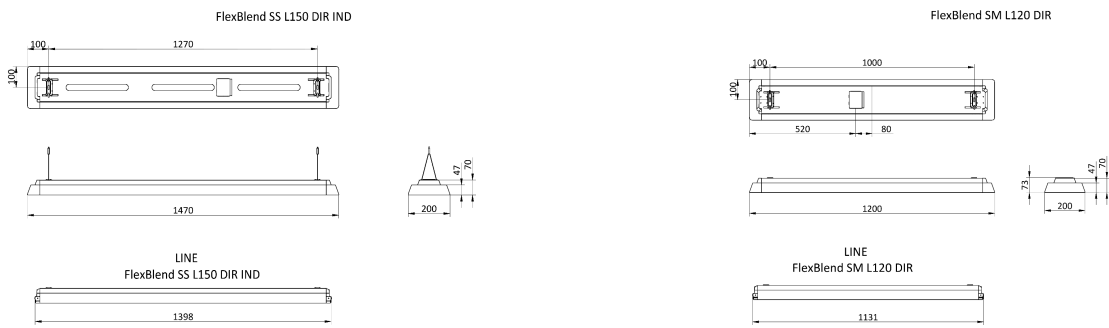
Versions



FlexBlend Suspended SP340P MLO WH

FlexBlend, Suspended

Dimensional drawing



Product details



FlexBlend Suspended SP340P WH



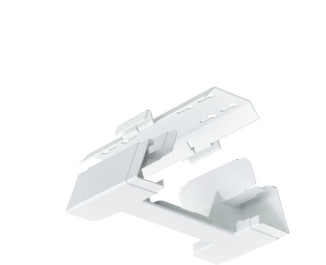
FlexBlend Suspended SP340P



FlexBlend Suspended SP340P PCS WH



FlexBlend Suspended SP340P SI



FlexBlend Suspended SP340P WH

FlexBlend, Suspended

Product details



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line-MLO-WH-SWZU



FlexBlend Surface Mounted
SM340C



FlexBlend Suspended SP340P
MLO WH



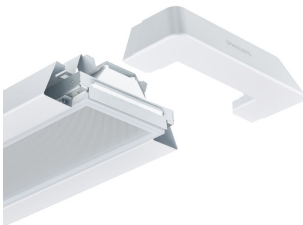
FlexBlend Suspended SP340P WH



FlexBlend Suspended SP340P WH



FlexBlend Suspended SP340P WH



FlexBlend Suspended SP340P
MLO WH



FlexBlend Suspended SP340P BK

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Product details



FlexBlend Suspended SP340P PCS
WH

General Information	
Driver included	Yes
Light source replaceable	No
Number of gear units	1 unit
Service tag	Yes
Light Technical	
Color rendering index (CRI)	>90
Optic type	Wide beam
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	
Housing Color	White
Mech. impact protection code	IK02
Ingress protection code	IP20
Approval and Application	
Ambient temperature range	+10 to +40 °C
CE mark	Yes
Flammability mark	For mounting on normally flammable surfaces
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	0.4
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%

Light Technical

Order Code	Full Product Name	Beam angle of light source	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux
910925867126	SP340P 36S/940 PSD PCS SMT L120 WH	120 degree(s)	4000 K	136 lm/W	3,600 lm
910925867127	SP340P 42S/940 PSD PCS SMT L120 WH	120 degree(s)	4000 K	131 lm/W	4,200 lm
910925867932	SP342P 60S/940 PSD PCS SMT L150 WH	120 degree(s)	4000 K	129 lm/W	6,000 lm
910925868894	SP340P 42S/930 SRD PCS U4 SMT L120 WH	- degree(s)	3000 K	133 lm/W	4,200 lm
910925868895	SP340P 42S/940 SRD PCS U4 SMT L120 WH	- degree(s)	4000 K	133 lm/W	4,200 lm
910925868896	SP342P 45S/930 SRD MLO U4 SMT L150 WH	- degree(s)	3000 K	94 lm/W	4,500 lm
910925868897	SP342P 45S/940 SRD MLO U4 SMT L150 WH	- degree(s)	4000 K	106 lm/W	4,500 lm
910925868905	SP342P 60S/940 SRD PCS U4 SMT L150 WH	- degree(s)	4000 K	129 lm/W	6,000 lm
910925868906	SP342P 45S/940 SRD PCS U4 SMT L150 WH	- degree(s)	4000 K	129 lm/W	4,500 lm
910925868907	SP340P 40S/940 SRD MLO U4 SMT L120 WH	- degree(s)	4000 K	101 lm/W	4,000 lm
910925868908	SP340P 36S/940 SRD PCS U4 SMT L120 WH	- degree(s)	4000 K	133 lm/W	3,600 lm
910925868909	SP340P 36S/940 SRD MLO U4 SMT L120 WH	- degree(s)	4000 K	111 lm/W	3,600 lm
910925867957	SP343P 45S/940 PSD MLO SMT L150 WH	120 degree(s)	4000 K	106 lm/W	4,500 lm

Operating and Electrical

FlexBlend, Suspended

Order Code	Full Product Name	Power Consumption	Suitable for random switching
910925867126	SP340P 36S/940 PSD PCS SMT L120 WH	26.5 W	Yes (relates to presence/movement detection and daylight harvesting)
910925867127	SP340P 42S/940 PSD PCS SMT L120 WH	32 W	Yes (relates to presence/movement detection and daylight harvesting)
910925867932	SP342P 60S/940 PSD PCS SMT L150 WH	46.5 W	Yes (relates to presence/movement detection and daylight harvesting)
910925868894	SP340P 42S/930 SRD PCS U4 SMT L120 WH	27 W	No
910925868895	SP340P 42S/940 SRD PCS U4 SMT L120 WH	27 W	No

Controls and Dimming

Order Code	Full Product Name	Embedded control
910925867126	SP340P 36S/940 PSD PCS SMT L120 WH	-
910925867127	SP340P 42S/940 PSD PCS SMT L120 WH	-
910925867932	SP342P 60S/940 PSD PCS SMT L150 WH	-
910925868894	SP340P 42S/930 SRD PCS U4 SMT L120 WH	Upgradable sensor slot with SNS210 sensor
910925868895	SP340P 42S/940 SRD PCS U4 SMT L120 WH	Upgradable sensor slot with SNS210 sensor
910925868896	SP342P 45S/930 SRD MLO U4 SMT L150 WH	Upgradable sensor slot with SNS210 sensor
910925868897	SP342P 45S/940 SRD MLO U4 SMT L150 WH	Upgradable sensor slot with SNS210 sensor

Approval and Application

Order Code	Full Product Name	ENEC mark	Glow-wire test
910925867126	SP340P 36S/940 PSD PCS SMT L120 WH	ENEC plus mark	Temperature 850 °C, duration 30 s
910925867127	SP340P 42S/940 PSD PCS SMT L120 WH	ENEC plus mark	Temperature 850 °C, duration 30 s
910925867932	SP342P 60S/940 PSD PCS SMT L150 WH	ENEC plus mark	Temperature 850 °C, duration 30 s
910925868894	SP340P 42S/930 SRD PCS U4 SMT L120 WH	ENEC mark	Temperature 850 °C, duration 30 s

Order Code	Full Product Name	Power Consumption	Suitable for random switching
910925868896	SP342P 45S/930 SRD MLO U4 SMT L150 WH	44.5 W	No
910925868897	SP342P 45S/940 SRD MLO U4 SMT L150 WH	42.5 W	No
910925868905	SP342P 60S/940 SRD PCS U4 SMT L150 WH	46.5 W	No
910925868906	SP342P 45S/940 SRD PCS U4 SMT L150 WH	35 W	No
910925868907	SP340P 40S/940 SRD MLO U4 SMT L120 WH	38.5 W	No
910925868908	SP340P 36S/940 SRD PCS U4 SMT L120 WH	26 W	No
910925868909	SP340P 36S/940 SRD MLO U4 SMT L120 WH	32.5 W	No
910925867957	SP343P 45S/940 PSD MLO SMT L150 WH	42.5 W	Yes (relates to presence/movement detection and daylight harvesting)

Order Code	Full Product Name	Embedded control
910925868905	SP342P 60S/940 SRD PCS U4 SMT L150 WH	Upgradable sensor slot with SNS210 sensor
910925868906	SP342P 45S/940 SRD PCS U4 SMT L150 WH	Upgradable sensor slot with SNS210 sensor
910925868907	SP340P 40S/940 SRD MLO U4 SMT L120 WH	Upgradable sensor slot with SNS210 sensor
910925868908	SP340P 36S/940 SRD PCS U4 SMT L120 WH	Upgradable sensor slot with SNS210 sensor
910925868909	SP340P 36S/940 SRD MLO U4 SMT L120 WH	Upgradable sensor slot with SNS210 sensor
910925867957	SP343P 45S/940 PSD MLO SMT L150 WH	-

Order Code	Full Product Name	ENEC mark	Glow-wire test
910925868895	SP340P 42S/940 SRD PCS U4 SMT L120 WH	ENEC mark	Temperature 850 °C, duration 30 s
910925868896	SP342P 45S/930 SRD MLO U4 SMT L150 WH	ENEC mark	Temperature 650 °C, duration 30 s
910925868897	SP342P 45S/940 SRD MLO U4 SMT L150 WH	ENEC mark	Temperature 650 °C, duration 30 s
910925868905	SP342P 60S/940 SRD PCS U4 SMT L150 WH	ENEC mark	Temperature 850 °C, duration 30 s

FlexBlend, Suspended

Order Code	Full Product Name	ENEC mark	Glow-wire test
910925868906	SP342P 45S/940 SRD PCS U4 SMT L150 WH	ENEC mark	Temperature 850 °C, duration 30 s
910925868907	SP340P 40S/940 SRD MLO U4 SMT L120 WH	ENEC mark	Temperature 650 °C, duration 30 s
910925868908	SP340P 36S/940 SRD PCS U4 SMT L120 WH	ENEC mark	Temperature 850 °C, duration 30 s

Order Code	Full Product Name	ENEC mark	Glow-wire test
910925868909	SP340P 36S/940 SRD MLO U4 SMT L120 WH	ENEC mark	Temperature 650 °C, duration 30 s
910925867957	SP343P 45S/940 PSD MLO SMT L150 WH	ENEC plus mark	Temperature 650 °C, duration 30 s

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial chromaticity
910925867126	SP340P 36S/940 PSD PCS SMT L120 WH	(0.43, 0.40) SDCM <3
910925867127	SP340P 42S/940 PSD PCS SMT L120 WH	(0.43, 0.40) SDCM <3
910925867932	SP342P 60S/940 PSD PCS SMT L150 WH	(0.43, 0.40) SDCM <3
910925868894	SP340P 42S/930 SRD PCS U4 SMT L120 WH	0.43,0.39
910925868895	SP340P 42S/940 SRD PCS U4 SMT L120 WH	0.38,0.37
910925868896	SP342P 45S/930 SRD MLO U4 SMT L150 WH	0.43,0.39
910925868897	SP342P 45S/940 SRD MLO U4 SMT L150 WH	0.38,0.37

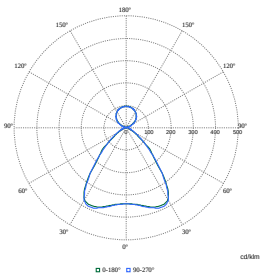
Order Code	Full Product Name	Initial chromaticity
910925868905	SP342P 60S/940 SRD PCS U4 SMT L150 WH	0.38,0.37
910925868906	SP342P 45S/940 SRD PCS U4 SMT L150 WH	0.38,0.37
910925868907	SP340P 40S/940 SRD MLO U4 SMT L120 WH	0.38,0.37
910925868908	SP340P 36S/940 SRD PCS U4 SMT L120 WH	0.38,0.37
910925868909	SP340P 36S/940 SRD MLO U4 SMT L120 WH	0.38,0.37
910925867957	SP343P 45S/940 PSD MLO SMT L150 WH	(0.43, 0.40) SDCM <3

Product Data

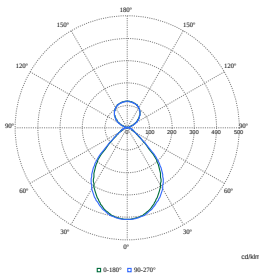
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910925867932	SP342P 60S/940 PSD PCS SMT L150 WH	SP342P
910925868894	SP340P 42S/930 SRD PCS U4 SMT L120 WH	SP340P
910925868895	SP340P 42S/940 SRD PCS U4 SMT L120 WH	SP340P
910925868896	SP342P 45S/930 SRD MLO U4 SMT L150 WH	SP342P
910925868897	SP342P 45S/940 SRD MLO U4 SMT L150 WH	SP342P

Order Code	Full Product Name	Product family code
910925868905	SP342P 60S/940 SRD PCS U4 SMT L150 WH	SP342P
910925868906	SP342P 45S/940 SRD PCS U4 SMT L150 WH	SP342P
910925868907	SP340P 40S/940 SRD MLO U4 SMT L120 WH	SP340P
910925868908	SP340P 36S/940 SRD PCS U4 SMT L120 WH	SP340P
910925868909	SP340P 36S/940 SRD MLO U4 SMT L120 WH	SP340P
910925867957	SP343P 45S/940 PSD MLO SMT L150 WH	SP343P

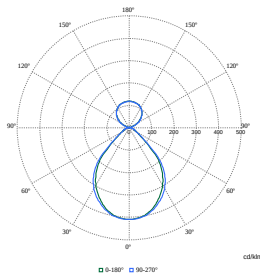
Polar Wide Diagrams



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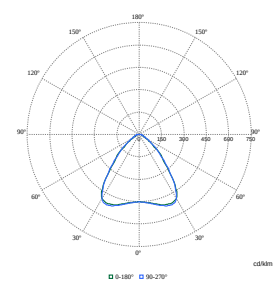


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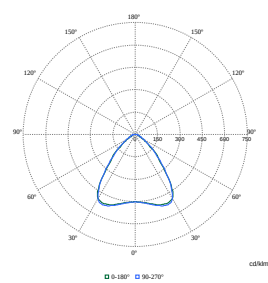


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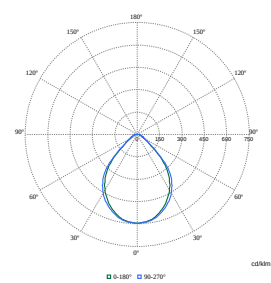
Polar Wide Diagrams



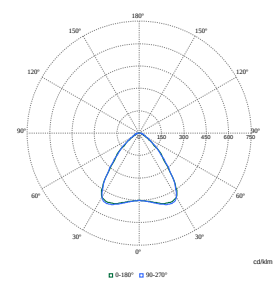
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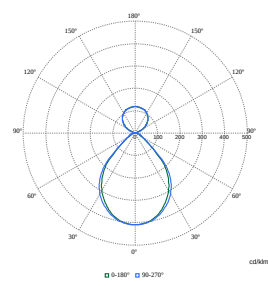
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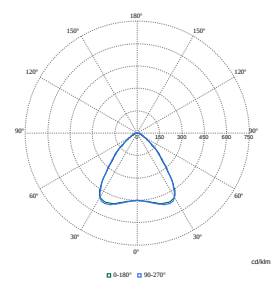
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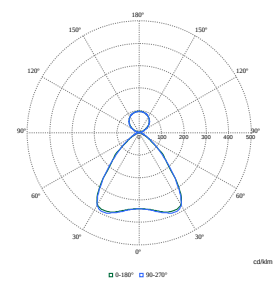
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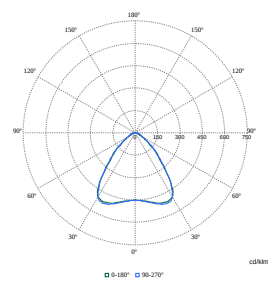
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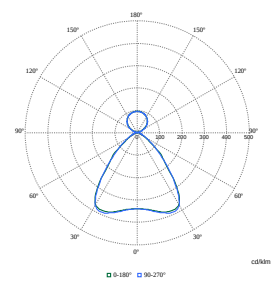
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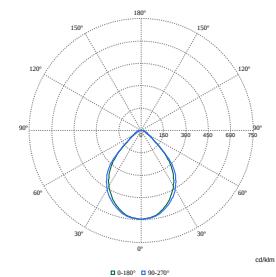
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FlexBlend, Suspended

Polar Wide Diagrams



Polar Normal (separate) - SM340CI -
910925868907

