

FlexBlend, Suspended

SP340P



FlexBlend heading the way to efficient and flexible furnished offices areas

Philips FlexBlend is an attractive family of surface-mounted and suspended luminaires, next to Flexblend recessed. The luminaire range enables building owners to advance their lighting operations by offering office-compliant lighting with a return on investment of less than three to four years. FlexBlend provides the required flexibility through its design adaptability. This offers the possibility to install the luminaires easily while in the field. so, if todays luminaire is suspended, tomorrow it can be adapted to be a surface-mounted installation at the venue. And vice versa. The surface-mounted and suspended luminaire range fits into many different office spaces, like open plan areas, corridors, receptions or meeting rooms. FlexBlend is offered in both lines and as standalone, using the same lighting module. This gives the option to use FlexBlend as standalone now, and tomorrow, as a line light. The controller is integrated into the luminaire. As technology is changing fast, the ideal lighting solution is also expected to be ready to incorporate innovations that can help

optimise operations further. For this reason, FlexBlend has all connectivity and future-ready options available. As a System Ready luminaire, it can be paired with lighting management systems such as Philips SpaceWise, and to software-based lighting systems such 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 components, and in the next phase, in the field, to be upgraded. An attractive opportunity for new installations and renovations.

Benefits

- Return of investment less than three 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

Applications

- Offices
- Education
- Healthcare

Features

- Fully office-compliant (UGR <19, L65 < 3,000 cd/sm), light level according to office application requirements
- Homogenous and uniform light effect

Versions



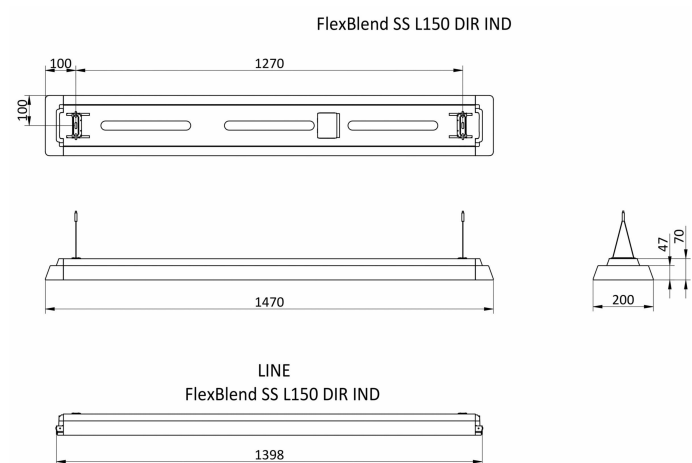
FlexBlend Suspended-
SM340C-MLO-WH-SENS1-
L150



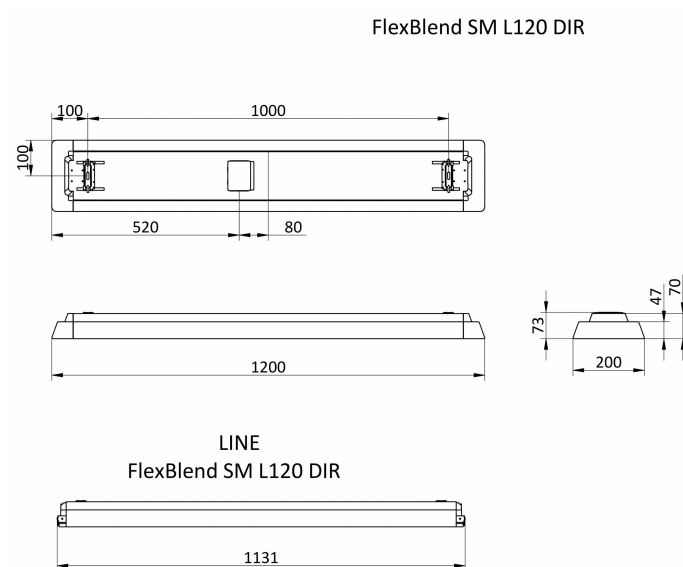
FlexBlend Suspended SP340P
PCS SI

- Various mounting options, dimensional variety and local options
- Integrated sensors
- Ready to be connected to software-based lighting systems, such as Interact Office
- The product is IPX0 & as such is not protected against water ingress and 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 followed and the luminaires are subject to water ingress, Philips/Signify cannot guarantee safe use and the product warranty will become void

Dimensional drawing



SP342P 45S/940 DEIA PCS SMT L150 SI



SP340P 42S/930 SEIA PCS U4 SMT L120 WH

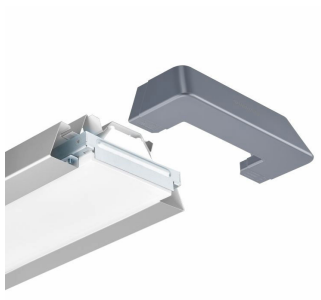
Product details



FlexBlend Suspended SP340P

FlexBlend Suspended SP340P
SI

FlexBlend Suspended SP340P
PCS WH



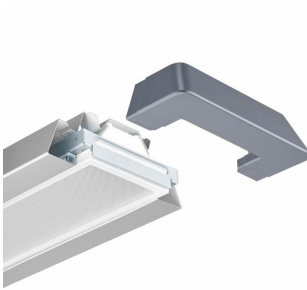
FlexBlend Suspended SP340P
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FlexBlend Suspended SP340P
PCS SI



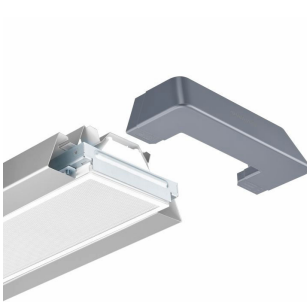
FlexBlend_Suspended_SP340
P-line-MLO-WH-SWZU



FlexBlend Suspended SP340P
MLO SI



FlexBlend Suspended SP340P
SI



FlexBlend Suspended SP340P
PCS SI



FlexBlend Suspended SP340P
SI



FlexBlend Suspended SP340P
PCS WH



FlexBlend Suspended SP340P
SI

General Information

Light source replaceable	No
Number of gear units	Unit
Driver included	Yes
Service Tag	Yes

Light Technical

Colour rendering index (CRI)	>90
Optic type	Wide beam

Operating and Electrical

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

Controls and Dimming

Dimmable	Yes
Maximum dim level	1%
Embedded control	Upgradable sensor slot with SC200 sensor

Mechanical and Housing

Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]

Emergency Operation

Central Emergency	Yes
Emergency lighting	DC operated central emergency lighting

Approval and Application

Glow-wire test	Temperature 850 °C, duration 30 s
Flammability mark	For mounting on normally flammable surfaces
CE mark	Yes
Flickering value (PstLM)	1
Stroboscopic effect	0.4
Ambient temperature range	+10 to +40 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
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Light Technical

Order Code	Full Product Name	Luminous Flux	Correlated Colour Temperature (Nom)	Luminous efficacy (rated) (nom.)	Beam angle of light source
910925868894	SP340P 42S/930 SEIA PCS U4 SMT L120 WH	4,200 lm	3000 K	143 lm/W	- degree(s)
910925867105	SP342P 45S/940 DEIA PCS SMT L150 SI	4,500 lm	4000 K	145 lm/W	120 degree(s)
910925867941	SP342P 60S/940 DEIA PCS SMT L150 SI	6,000 lm	4000 K	140 lm/W	120 degree(s)
910925867960	SP343P 45S/940 DEIA PCS SMT L150 SI	4,500 lm	4000 K	145 lm/W	120 degree(s)

Operating and Electrical

Order Code	Full Product Name	Power Consumption	Suitable for random switching
910925868894	SP340P 42S/930 SEIA PCS U4 SMT L120 WH	27 W	No
910925867105	SP342P 45S/940 DEIA PCS SMT L150 SI	35 W	Yes (relates to presence/movement detection and daylight harvesting)
910925867941	SP342P 60S/940 DEIA PCS SMT L150 SI	46.5 W	Yes (relates to presence/movement detection and daylight harvesting)
910925867960	SP343P 45S/940 DEIA PCS SMT L150 SI	35 W	Yes (relates to presence/movement detection and daylight harvesting)

Mechanical and Housing

Order Code	Full Product Name	Housing Colour
910925868894	SP340P 42S/930 SEIA PCS U4 SMT L120 WH	White
910925867105	SP342P 45S/940 DEIA PCS SMT L150 SI	Silver
910925867941	SP342P 60S/940 DEIA PCS SMT L150 SI	Silver
910925867960	SP343P 45S/940 DEIA PCS SMT L150 SI	Silver

Approval and Application

Order Code	Full Product Name	ENEC mark
910925868894	SP340P 42S/930 SEIA PCS U4 SMT L120 WH	ENEC mark
910925867105	SP342P 45S/940 DEIA PCS SMT L150 SI	ENEC plus mark
910925867941	SP342P 60S/940 DEIA PCS SMT L150 SI	ENEC plus mark
910925867960	SP343P 45S/940 DEIA PCS SMT L150 SI	ENEC plus mark

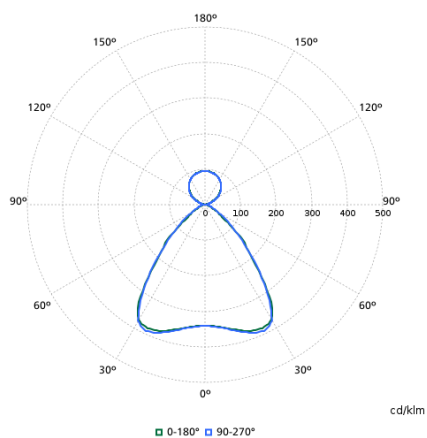
Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial chromaticity
910925868894	SP340P 42S/930 SEIA PCS U4 SMT L120 WH	0.43,0.39
910925867105	SP342P 45S/940 DEIA PCS SMT L150 SI	(0.38, 0.38) SDCM <3
910925867941	SP342P 60S/940 DEIA PCS SMT L150 SI	(0.38, 0.38) SDCM <3
910925867960	SP343P 45S/940 DEIA PCS SMT L150 SI	(0.38, 0.38) SDCM <3

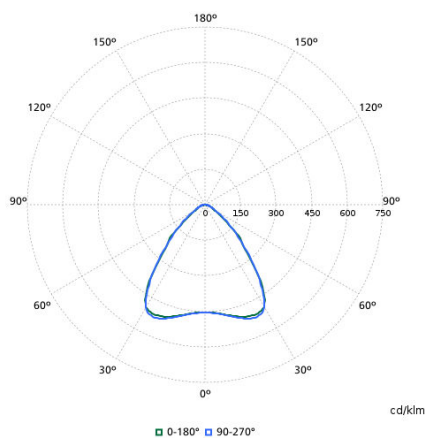
Product Data

Order Code	Full Product Name	Product family code
910925868894	SP340P 42S/930 SEIA PCS U4 SMT L120 WH	SP340P
910925867105	SP342P 45S/940 DEIA PCS SMT L150 SI	SP342P
910925867941	SP342P 60S/940 DEIA PCS SMT L150 SI	SP342P
910925867960	SP343P 45S/940 DEIA PCS SMT L150 SI	SP343P

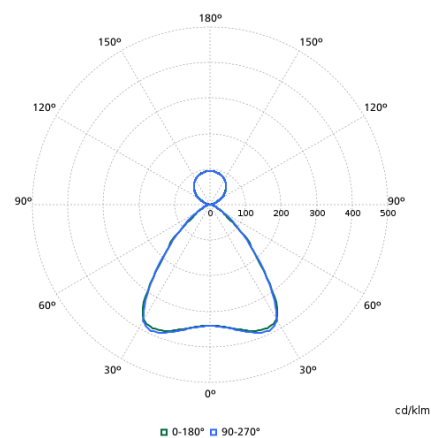
Polar normal diagrams



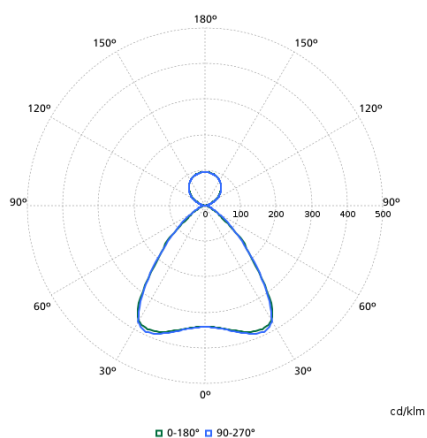
SM340CI - 910925867105



SM340CI - 910925868894



SM340CI - 910925867941



SM340CI - 910925867960