

FlexBlend, Surface-Mounted

SM340C



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. This 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 an adaptable design. This gives the possibility to install the luminaires easily in the building, at any moment. Even when the luminaire is surface mounted, tomorrow it can be adapted to a suspended installation on site. And vice versa. . The surface-mounted and suspended luminaire range fits many different office spaces like open plan offices, corridors, reception areas or meeting rooms. FlexBlend is offered in both lines and as standalone, using the same lighting module. This gives users the option to use FlexBlend as standalone now, and tomorrow, as a 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 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 the 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 component, and in the next phase, it can be upgraded on site. An attractive opportunity for new installations and renovations.

Benefits

- Return of investment less than three or four years
- A flexible office with the choice of luminaires to fit many office application 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 and CRI90

Versions



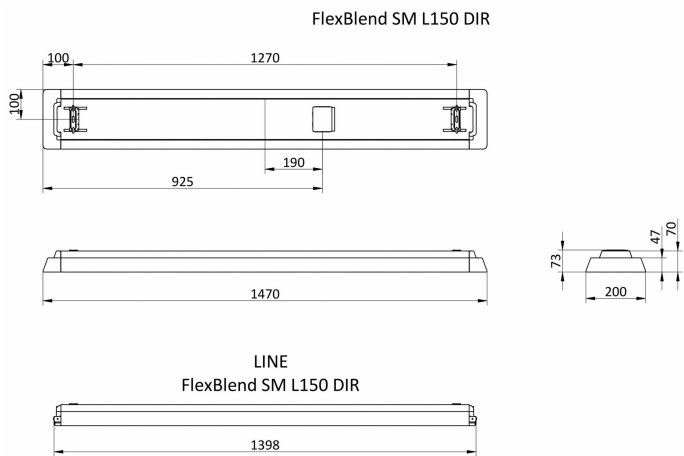
FlexBlend Surface Mounted-
SM340C-MLO-WH-SENS1-
L150



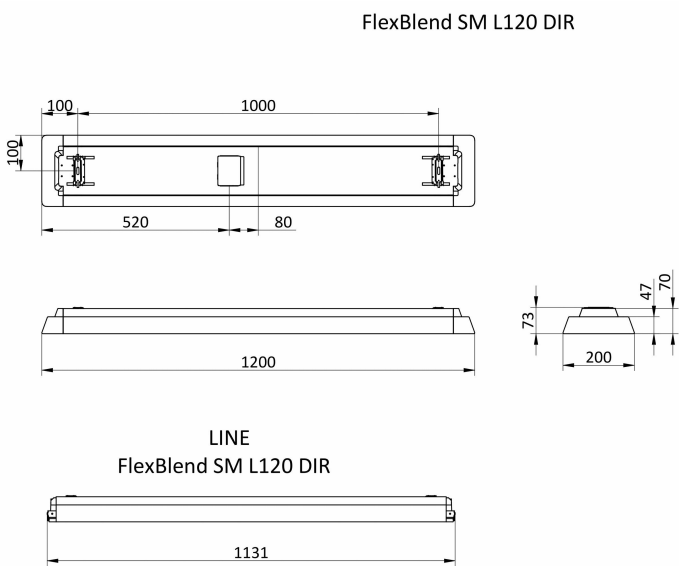
FlexBlend Surface Mounted
SM340C PCS WH

- Various mounting options with suspended and surface mounted, dimensional variety and 3 Hour emergency versions
- Integrated sensors
- Ready to be connected to software-based lighting systems, such as Interact Office
- The product is IP20 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 followed and the luminaires are subject to water ingress, Philips/Signify cannot guarantee safe use and the product warranty will become void

Dimensional drawing



SM340C 35S/940 DEIA PCS L150 WH



SM340C 42S/940 SEIA PCS U4 L120 WH

Product details



FlexBlend Surface Mounted
SM340C WH



FlexBlend_Surface_Mounted-
SM340C-MLO-WH-
SWZU-12DPP



FlexBlend Surface Mounted
SM340C WH



FlexBlend Suspended SP340P
WH



FlexBlend Surface Mounted
SM340C brackets

General Information

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

Light Technical

Correlated Colour Temperature (Nom)	4000 K
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

Maximum dim level	1%
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Mechanical and Housing

Housing Colour	White
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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Product Data

Product family code SM340C [FLEXBLEND STAND-ALONE]

Light Technical

Order Code	Full Product Name	Luminous Flux	Luminous efficacy (rated) (nom.)	Beam angle of light source
910925868903	SM340C 42S/940 SEIA PCS U4 L120 WH	4,200 lm	140 lm/W	- degree(s)
910925868904	SM340C 36S/940 SEIA PCS U4 L120 WH	3,600 lm	138 lm/W	- degree(s)
910925867099	SM340C 35S/940 DEIA PCS L150 WH	3,500 lm	140 lm/W	120 degree(s)

Operating and Electrical

Order Code	Full Product Name	Power Consumption	Suitable for random switching
910925868903	SM340C 42S/940 SEIA PCS U4 L120 WH	30 W	No
910925868904	SM340C 36S/940 SEIA PCS U4 L120 WH	26 W	No
910925867099	SM340C 35S/940 DEIA PCS L150 WH	25 W	Yes (relates to presence/movement detection and daylight harvesting)

Controls and Dimming

Order Code	Full Product Name	Dimmable
910925868903	SM340C 42S/940 SEIA PCS U4 L120 WH	No
910925868904	SM340C 36S/940 SEIA PCS U4 L120 WH	No
910925867099	SM340C 35S/940 DEIA PCS L150 WH	Yes

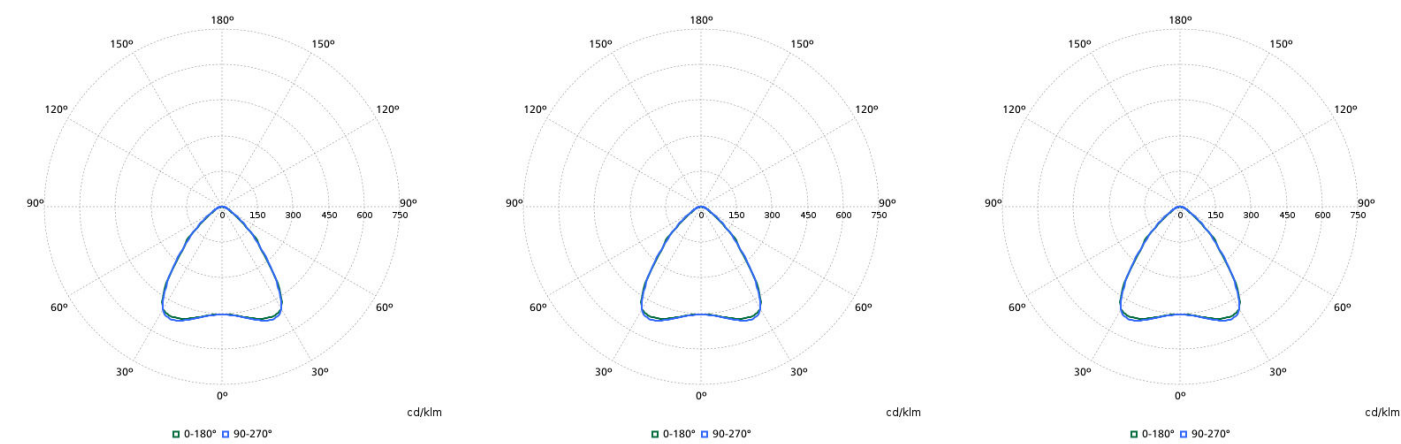
Approval and Application

Order Code	Full Product Name	ENEC mark
910925868903	SM340C 42S/940 SEIA PCS U4 L120 WH	ENEC mark
910925868904	SM340C 36S/940 SEIA PCS U4 L120 WH	ENEC mark
910925867099	SM340C 35S/940 DEIA PCS L150 WH	ENEC plus mark

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial chromaticity
910925868903	SM340C 42S/940 SEIA PCS U4 L120 WH	0.38,0.37
910925868904	SM340C 36S/940 SEIA PCS U4 L120 WH	0.38,0.37
910925867099	SM340C 35S/940 DEIA PCS L150 WH	(0.38, 0.38) SDCM <3

Polar normal diagrams



SM340CI - 910925868903

SM340CI - 910925868904

SM340CI - 910925867099

