



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 three to four years. FlexBlend provides the required flexibility through an adaptable design. This gives the possibility to install the luminaires easily in the field, at any moment. Even when the luminaire is suspended today, tomorrow it can be adapted to a surface-mounted installation on site. And vice versa. . The suspended and surface-mounted 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 today, 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 a next phase, in the field to be upgraded. An attractive opportunity for new installations and renovations.

FlexBlend, Suspended

Benefits

- Return of investment less than three to four years
- A flexible office, with a choice of luminaires to fit many office areas applications
- Future ready: scalable and ready to be connected to controls and lighting systems

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
- Various mounting options, dimensional variety and 3 hour emergency versions
- 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 IP20 & 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

Versions



FlexBlend Suspended SP340P O
WH



FlexBlend Surface Mounted-
Suspended Emergency Lighting

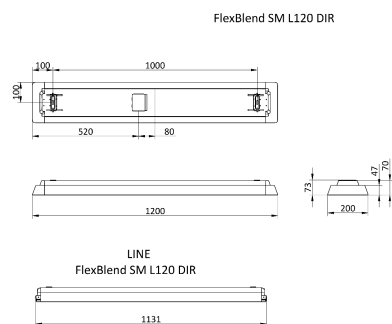
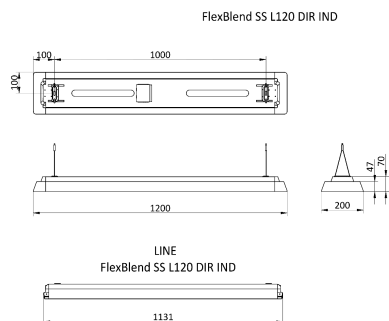
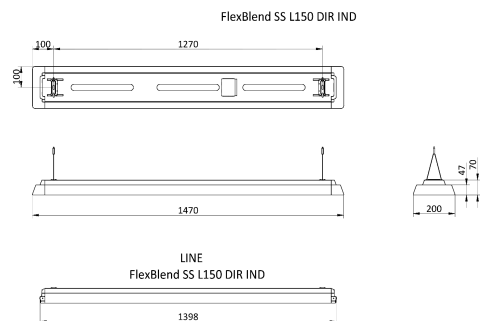


FlexBlend Suspended SP340P
MLO BK



FlexBlend Suspended SP340P
MLO SI

Dimensional drawing



Product details



FlexBlend Suspended SP340P WH



FlexBlend_Surface_Mounted-
Suspended_Emergency Lighting



FlexBlend Suspended SP340P



FlexBlend Suspended SP340P O
BK

FlexBlend, Suspended

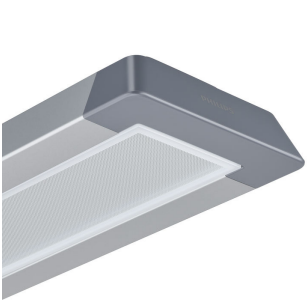
Product details



FlexBlend_Surface_Mounted-Suspended_ Emergency Lighting



FlexBlend Suspended SP340P SI



FlexBlend Suspended SP340P MLO SI



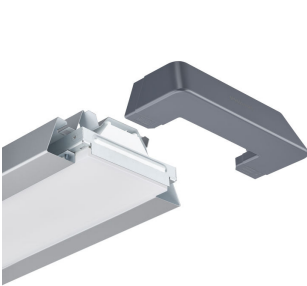
FlexBlend_Surface_Mounted-Suspended_ Emergency Lighting



FlexBlend_Surface_Mounted-Suspended_ Emergency Lighting



FlexBlend Suspended SP340P PCS WH



FlexBlend Suspended SP340P O SI



FlexBlend_Surface_Mounted-Suspended_ Emergency Lighting

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Product details

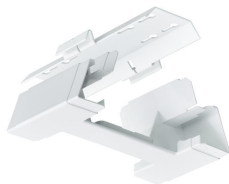


FlexBlend Suspended SP340P PCS
BK



FlexBlend Suspended SP340P SI

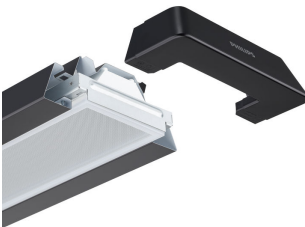
FlexBlend Suspended SP340P WH



FlexBlend Suspended SP340P BK



FlexBlend_Suspended_SP340P-
line-MLO-WH-SWZU



FlexBlend Suspended SP340P
MLO BK



FlexBlend Suspended SP340P
MLO BK

FlexBlend, Suspended

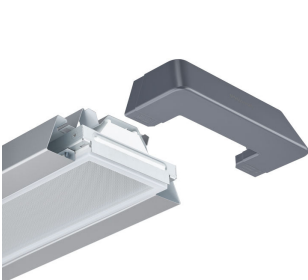
Product details



FlexBlend_Surface_Mounted-
Suspended_Emergency Lighting



FlexBlend Suspended SP340P BK



FlexBlend Suspended SP340P
MLO SI



FlexBlend Surface Mounted
SM340C



FlexBlend Suspended SP340P O
WH



FlexBlend Suspended SP340P
MLO WH



FlexBlend Suspended SP340P SI



FlexBlend Suspended SP340P PCS
BK

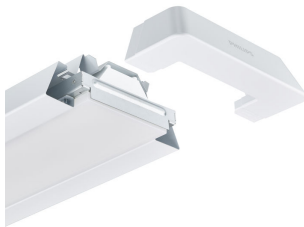
FlexBlend, Suspended

Product details

FlexBlend Suspended SP340P BK



FlexBlend Suspended SP340P O WH



FlexBlend Suspended SP340P WH



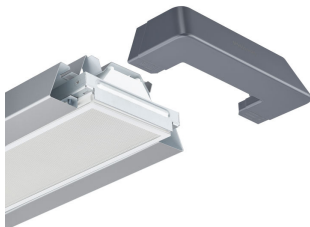
FlexBlend Suspended SP340P WH



FlexBlend_Surface_Mounted-Suspended_Emergency Lighting



FlexBlend Suspended SP340P PCS SI



FlexBlend_Surface_Mounted-Suspended_Emergency Lighting



FlexBlend_Surface_Mounted-Suspended_Emergency Lighting

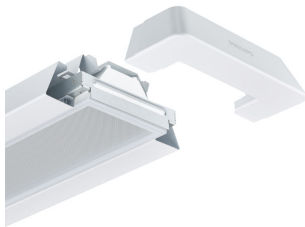


FlexBlend, Suspended

Product details



FlexBlend Suspended SP340P WH



FlexBlend Suspended SP340P
MLO WH



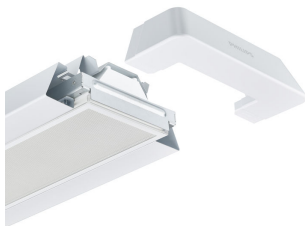
FlexBlend Suspended SP340P BK



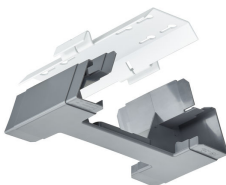
FlexBlend Suspended SP340P SI



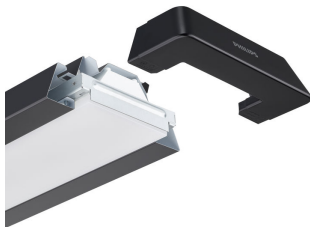
FlexBlend Suspended SP340P BK



FlexBlend Suspended SP340P PCS
WH



FlexBlend Suspended SP340P SI



FlexBlend Suspended SP340P O
BK

FlexBlend, Suspended

General Information	
CE mark	Yes
Driver included	Yes
Flammability mark	For mounting on normally flammable surfaces
Light source replaceable	No
Number of gear units	Unit
Light Technical	
Correlated Colour Temperature	4000 K
Colour rendering index (CRI)	>90
Optic type	Wide beam
Flickering value (PstLM)	1
Stroboscopic effect	0.4
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
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)	
Luminous flux tolerance	+/-10%
Application Conditions	
Maximum dim level	1%

General Information

Order Code	Full Product Name	ENEC mark	Glow-wire test	Product family code
10378800	SP342P 45S/940 PSD O SMT L150 WH	ENEC plus mark	Temperature 850 °C, duration 30 s	SP342P
18146500	SP342P 52S/940 PSD MLO ELP3 SMT L120 WH	ENEC plus mark	Temperature 650 °C, duration 30 s	SP342P
10365800	SP342P 45S/940 PSD PCS SMT L150 WH	ENEC plus mark	Temperature 850 °C, duration 30 s	SP342P
10387000	SP340P 36S/940 PSD PCS SMT L120 WH	ENEC plus mark	Temperature 850 °C, duration 30 s	SP340P
10388700	SP340P 42S/940 PSD PCS SMT L120 WH	ENEC plus mark	Temperature 850 °C, duration 30 s	SP340P
10391700	SP342P 48S/940 PSD PCS SMT L120 WH	ENEC plus mark	Temperature 850 °C, duration 30 s	SP342P
18294300	SP342P 60S/940 PSD PCS SMT L150 WH	ENEC plus mark	Temperature 850 °C, duration 30 s	SP342P
18316200	SP343P 35S/940 PSD PCS SMT L150 WH	ENEC plus mark	Temperature 850 °C, duration 30 s	SP343P
70810500	SP342P 45S/940 SRD MLO U4 SMT L150 WH	ENEC mark	Temperature 650 °C, duration 30 s	SP342P
70818100	SP342P 45S/940 SRD PCS U4 SMT L150 WH	ENEC mark	Temperature 850 °C, duration 30 s	SP342P
70820400	SP340P 36S/940 SRD PCS U4 SMT L120 WH	ENEC mark	Temperature 850 °C, duration 30 s	SP340P
70821100	SP340P 36S/940 SRD MLO U4 SMT L120 WH	ENEC mark	Temperature 650 °C, duration 30 s	SP340P
10375700	SP342P 45S/940 PSD MLO SMT L150 BK	ENEC plus mark	Temperature 650 °C, duration 30 s	SP342P
10374000	SP342P 45S/940 PSD MLO SMT L150 SI	ENEC plus mark	Temperature 650 °C, duration 30 s	SP342P
10373300	SP342P 45S/940 PSD MLO SMT L150 WH	ENEC plus mark	Temperature 650 °C, duration 30 s	SP342P
10389400	SP340P 36S/940 PSD MLO SMT L120 WH	ENEC plus mark	Temperature 650 °C, duration 30 s	SP340P
10393100	SP342P 48S/940 PSD MLO SMT L120 WH	ENEC plus mark	Temperature 650 °C, duration 30 s	SP342P
10394800	SP342P 52S/940 PSD MLO SMT L120 WH	ENEC plus mark	Temperature 650 °C, duration 30 s	SP342P
18296700	SP342P 60S/940 PSD MLO SMT L150 WH	ENEC plus mark	Temperature 650 °C, duration 30 s	SP342P

Light Technical

Order Code	Full Product Name	Beam angle of light source	Luminous efficacy (rated) (nom.)	Luminous Flux
10378800	SP342P 45S/940 PSD O SMT L150 WH	120 degree(s)	120 lm/W	4,500 lm
18146500	SP342P 52S/940 PSD MLO ELP3 SMT L120 WH	120 degree(s)	99 lm/W	5,200 lm

Order Code	Full Product Name	Beam angle of light source	Luminous efficacy (rated) (nom.)	Luminous Flux
10365800	SP342P 45S/940 PSD PCS SMT L150 WH	120 degree(s)	129 lm/W	4,500 lm
10387000	SP340P 36S/940 PSD PCS SMT L120 WH	120 degree(s)	136 lm/W	3,600 lm

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Order Code	Full Product Name	Beam angle of light source	Luminous efficacy (rated) (nom.)	Luminous Flux
10388700	SP340P 42S/940 PSD PCS SMT L120 WH	120 degree(s)	131 lm/W	4,200 lm
10391700	SP342P 48S/940 PSD PCS SMT L120 WH	120 degree(s)	133 lm/W	4,800 lm
18294300	SP342P 60S/940 PSD PCS SMT L150 WH	120 degree(s)	129 lm/W	6,000 lm
18316200	SP343P 35S/940 PSD PCS SMT L150 WH	120 degree(s)	127 lm/W	3,500 lm
70810500	SP342P 45S/940 SRD MLO U4 SMT L150 WH	- degree(s)	106 lm/W	4,500 lm
70818100	SP342P 45S/940 SRD PCS U4 SMT L150 WH	- degree(s)	129 lm/W	4,500 lm
70820400	SP340P 36S/940 SRD PCS U4 SMT L120 WH	- degree(s)	133 lm/W	3,600 lm
70821100	SP340P 36S/940 SRD MLO U4 SMT L120 WH	- degree(s)	111 lm/W	3,600 lm

Operating and Electrical

Order Code	Full Product Name	Power Consumption
10378800	SP342P 45S/940 PSD O SMT L150 WH	37.5 W
18146500	SP342P 52S/940 PSD MLO ELP3 SMT L120 WH	52.5 W
10365800	SP342P 45S/940 PSD PCS SMT L150 WH	35 W
10387000	SP340P 36S/940 PSD PCS SMT L120 WH	26.5 W
10388700	SP340P 42S/940 PSD PCS SMT L120 WH	32 W
10391700	SP342P 48S/940 PSD PCS SMT L120 WH	36 W
18294300	SP342P 60S/940 PSD PCS SMT L150 WH	46.5 W
18316200	SP343P 35S/940 PSD PCS SMT L150 WH	27.5 W
70810500	SP342P 45S/940 SRD MLO U4 SMT L150 WH	42.5 W
70818100	SP342P 45S/940 SRD PCS U4 SMT L150 WH	35 W

Temperature

Order Code	Full Product Name	Ambient temperature range
10378800	SP342P 45S/940 PSD O SMT L150 WH	+10 to +40 °C
18146500	SP342P 52S/940 PSD MLO ELP3 SMT L120 WH	+10 to +25 °C
10365800	SP342P 45S/940 PSD PCS SMT L150 WH	+10 to +40 °C
10387000	SP340P 36S/940 PSD PCS SMT L120 WH	+10 to +40 °C
10388700	SP340P 42S/940 PSD PCS SMT L120 WH	+10 to +40 °C
10391700	SP342P 48S/940 PSD PCS SMT L120 WH	+10 to +40 °C
18294300	SP342P 60S/940 PSD PCS SMT L150 WH	+10 to +40 °C
18316200	SP343P 35S/940 PSD PCS SMT L150 WH	+10 to +40 °C
70810500	SP342P 45S/940 SRD MLO U4 SMT L150 WH	+10 to +40 °C

Mechanical and Housing

Order Code	Full Product Name	Housing Colour
10378800	SP342P 45S/940 PSD O SMT L150 WH	White RAL 9003

Order Code	Full Product Name	Beam angle of light source	Luminous efficacy (rated) (nom.)	Luminous Flux
10375700	SP342P 45S/940 PSD MLO SMT L150 BK	120 degree(s)	106 lm/W	4,500 lm
10374000	SP342P 45S/940 PSD MLO SMT L150 SI	120 degree(s)	106 lm/W	4,500 lm
10373300	SP342P 45S/940 PSD MLO SMT L150 WH	120 degree(s)	106 lm/W	4,500 lm
10389400	SP340P 36S/940 PSD MLO SMT L120 WH	120 degree(s)	103 lm/W	3,600 lm
10393100	SP342P 48S/940 PSD MLO SMT L120 WH	120 degree(s)	108 lm/W	4,800 lm
10394800	SP342P 52S/940 PSD MLO SMT L120 WH	120 degree(s)	107 lm/W	5,200 lm
18296700	SP342P 60S/940 PSD MLO SMT L150 WH	120 degree(s)	102 lm/W	6,000 lm

Order Code	Full Product Name	Power Consumption
70820400	SP340P 36S/940 SRD PCS U4 SMT L120 WH	26 W
70821100	SP340P 36S/940 SRD MLO U4 SMT L120 WH	32.5 W
10375700	SP342P 45S/940 PSD MLO SMT L150 BK	42.5 W
10374000	SP342P 45S/940 PSD MLO SMT L150 SI	42.5 W
10373300	SP342P 45S/940 PSD MLO SMT L150 WH	42.5 W
10389400	SP340P 36S/940 PSD MLO SMT L120 WH	35 W
10393100	SP342P 48S/940 PSD MLO SMT L120 WH	44.5 W
10394800	SP342P 52S/940 PSD MLO SMT L120 WH	48.5 W
18296700	SP342P 60S/940 PSD MLO SMT L150 WH	59 W

Order Code	Full Product Name	Ambient temperature range
70818100	SP342P 45S/940 SRD PCS U4 SMT L150 WH	+10 to +40 °C
70820400	SP340P 36S/940 SRD PCS U4 SMT L120 WH	+10 to +40 °C
70821100	SP340P 36S/940 SRD MLO U4 SMT L120 WH	+10 to +40 °C
10375700	SP342P 45S/940 PSD MLO SMT L150 BK	+10 to +40 °C
10374000	SP342P 45S/940 PSD MLO SMT L150 SI	+10 to +40 °C
10373300	SP342P 45S/940 PSD MLO SMT L150 WH	+10 to +40 °C
10389400	SP340P 36S/940 PSD MLO SMT L120 WH	+10 to +40 °C
10393100	SP342P 48S/940 PSD MLO SMT L120 WH	+10 to +40 °C
10394800	SP342P 52S/940 PSD MLO SMT L120 WH	+10 to +40 °C
18296700	SP342P 60S/940 PSD MLO SMT L150 WH	+10 to +40 °C

Order Code	Full Product Name	Housing Colour
18146500	SP342P 52S/940 PSD MLO ELP3 SMT L120 WH	White RAL 9003

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Order Code	Full Product Name	Housing Colour
10365800	SP342P 45S/940 PSD PCS SMT L150 WH	White RAL 9003
10387000	SP340P 36S/940 PSD PCS SMT L120 WH	White RAL 9003
10388700	SP340P 42S/940 PSD PCS SMT L120 WH	White RAL 9003
10391700	SP342P 48S/940 PSD PCS SMT L120 WH	White RAL 9003
18294300	SP342P 60S/940 PSD PCS SMT L150 WH	White RAL 9003
18316200	SP343P 35S/940 PSD PCS SMT L150 WH	White RAL 9003
70810500	SP342P 45S/940 SRD MLO U4 SMT L150 WH	White
70818100	SP342P 45S/940 SRD PCS U4 SMT L150 WH	White
70820400	SP340P 36S/940 SRD PCS U4 SMT L120 WH	White

Order Code	Full Product Name	Housing Colour
70821100	SP340P 36S/940 SRD MLO U4 SMT L120 WH	White
10375700	SP342P 45S/940 PSD MLO SMT L150 BK	Black RAL 9004
10374000	SP342P 45S/940 PSD MLO SMT L150 SI	Silver RAL 9006
10373300	SP342P 45S/940 PSD MLO SMT L150 WH	White RAL 9003
10389400	SP340P 36S/940 PSD MLO SMT L120 WH	White RAL 9003
10393100	SP342P 48S/940 PSD MLO SMT L120 WH	White RAL 9003
10394800	SP342P 52S/940 PSD MLO SMT L120 WH	White RAL 9003
18296700	SP342P 60S/940 PSD MLO SMT L150 WH	White RAL 9003

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial chromaticity
10378800	SP342P 45S/940 PSD O SMT L150 WH	(0.43, 0.40) SDCM <3
18146500	SP342P 52S/940 PSD MLO ELP3 SMT L120 WH	(0.38, 0.37) SDCM <3
10365800	SP342P 45S/940 PSD PCS SMT L150 WH	(0.43, 0.40) SDCM <3
10387000	SP340P 36S/940 PSD PCS SMT L120 WH	(0.43, 0.40) SDCM <3
10388700	SP340P 42S/940 PSD PCS SMT L120 WH	(0.43, 0.40) SDCM <3
10391700	SP342P 48S/940 PSD PCS SMT L120 WH	(0.43, 0.40) SDCM <3
18294300	SP342P 60S/940 PSD PCS SMT L150 WH	(0.43, 0.40) SDCM <3
18316200	SP343P 35S/940 PSD PCS SMT L150 WH	(0.43, 0.40) SDCM <3
70810500	SP342P 45S/940 SRD MLO U4 SMT L150 WH	0.38,0.37
70818100	SP342P 45S/940 SRD PCS U4 SMT L150 WH	0.38,0.37

Order Code	Full Product Name	Initial chromaticity
70820400	SP340P 36S/940 SRD PCS U4 SMT L120 WH	0.38,0.37
70821100	SP340P 36S/940 SRD MLO U4 SMT L120 WH	0.38,0.37
10375700	SP342P 45S/940 PSD MLO SMT L150 BK	(0.43, 0.40) SDCM <3
10374000	SP342P 45S/940 PSD MLO SMT L150 SI	(0.43, 0.40) SDCM <3
10373300	SP342P 45S/940 PSD MLO SMT L150 WH	(0.43, 0.40) SDCM <3
10389400	SP340P 36S/940 PSD MLO SMT L120 WH	(0.43, 0.40) SDCM <3
10393100	SP342P 48S/940 PSD MLO SMT L120 WH	(0.43, 0.40) SDCM <3
10394800	SP342P 52S/940 PSD MLO SMT L120 WH	(0.43, 0.40) SDCM <3
18296700	SP342P 60S/940 PSD MLO SMT L150 WH	(0.43, 0.40) SDCM <3

Over Time Performance (IEC Compliant)

Order Code	Full Product Name	Driver failure rate at 5,000 hours
10378800	SP342P 45S/940 PSD O SMT L150 WH	-
18146500	SP342P 52S/940 PSD MLO ELP3 SMT L120 WH	0.05 %
10365800	SP342P 45S/940 PSD PCS SMT L150 WH	-
10387000	SP340P 36S/940 PSD PCS SMT L120 WH	-
10388700	SP340P 42S/940 PSD PCS SMT L120 WH	-
10391700	SP342P 48S/940 PSD PCS SMT L120 WH	-
18294300	SP342P 60S/940 PSD PCS SMT L150 WH	-
18316200	SP343P 35S/940 PSD PCS SMT L150 WH	-
70810500	SP342P 45S/940 SRD MLO U4 SMT L150 WH	-
70818100	SP342P 45S/940 SRD PCS U4 SMT L150 WH	-

Order Code	Full Product Name	Driver failure rate at 5,000 hours
70820400	SP340P 36S/940 SRD PCS U4 SMT L120 WH	-
70821100	SP340P 36S/940 SRD MLO U4 SMT L120 WH	-
10375700	SP342P 45S/940 PSD MLO SMT L150 BK	-
10374000	SP342P 45S/940 PSD MLO SMT L150 SI	-
10373300	SP342P 45S/940 PSD MLO SMT L150 WH	-
10389400	SP340P 36S/940 PSD MLO SMT L120 WH	-
10393100	SP342P 48S/940 PSD MLO SMT L120 WH	-
10394800	SP342P 52S/940 PSD MLO SMT L120 WH	-
18296700	SP342P 60S/940 PSD MLO SMT L150 WH	-

Application Conditions

Order Code	Full Product Name	Suitable for random switching
10378800	SP342P 45S/940 PSD O SMT L150 WH	Yes (relates to presence/movement detection and daylight harvesting)
18146500	SP342P 52S/940 PSD MLO ELP3 SMT L120 WH	Yes (relates to presence/movement detection and daylight harvesting)
10365800	SP342P 45S/940 PSD PCS SMT L150 WH	Yes (relates to presence/movement detection and daylight harvesting)
10387000	SP340P 36S/940 PSD PCS SMT L120 WH	Yes (relates to presence/movement detection and daylight harvesting)

Order Code	Full Product Name	Suitable for random switching
10388700	SP340P 42S/940 PSD PCS SMT L120 WH	Yes (relates to presence/movement detection and daylight harvesting)
10391700	SP342P 48S/940 PSD PCS SMT L120 WH	Yes (relates to presence/movement detection and daylight harvesting)
18294300	SP342P 60S/940 PSD PCS SMT L150 WH	Yes (relates to presence/movement detection and daylight harvesting)
18316200	SP343P 35S/940 PSD PCS SMT L150 WH	Yes (relates to presence/movement detection and daylight harvesting)

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Order Code	Full Product Name	Suitable for random switching
70810500	SP342P 45S/940 SRD MLO U4 SMT L150 WH	No
70818100	SP342P 45S/940 SRD PCS U4 SMT L150 WH	No
70820400	SP340P 36S/940 SRD PCS U4 SMT L120 WH	No
70821100	SP340P 36S/940 SRD MLO U4 SMT L120 WH	No
10375700	SP342P 45S/940 PSD MLO SMT L150 BK	Yes (relates to presence/movement detection and daylight harvesting)
10374000	SP342P 45S/940 PSD MLO SMT L150 SI	Yes (relates to presence/movement detection and daylight harvesting)

Order Code	Full Product Name	Suitable for random switching
10373300	SP342P 45S/940 PSD MLO SMT L150 WH	Yes (relates to presence/movement detection and daylight harvesting)
10389400	SP340P 36S/940 PSD MLO SMT L120 WH	Yes (relates to presence/movement detection and daylight harvesting)
10393100	SP342P 48S/940 PSD MLO SMT L120 WH	Yes (relates to presence/movement detection and daylight harvesting)
10394800	SP342P 52S/940 PSD MLO SMT L120 WH	Yes (relates to presence/movement detection and daylight harvesting)
18296700	SP342P 60S/940 PSD MLO SMT L150 WH	Yes (relates to presence/movement detection and daylight harvesting)

