



# FlexBlend, Suspended

## SP342P 45S/940 PSD O SMT L150 BK

FlexBlend, Suspended, 37.5 W, 1470x200 mm; H73 mm, SMT, 4500 lm, 4000 K, CRI>90, DALI

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.

### 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

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## Product data

General Information		Mechanical and Housing	
Light source replaceable	No	Maximum dim level	1%
Number of gear units	1 unit	Housing Material	Steel
Driver included	Yes	Reflector material	Polycarbonate
Service tag	Yes	Optic material	Polycarbonate
Lighting Technology	LED	Optical cover material	Polycarbonate
Value ladder	Performance	Fixation material	Stainless steel
Serviceability class	Class B, luminaire is equipped with some serviceable parts (when applicable): driver, control units, surge protection device, front cover and mechanical parts	Housing Color	Black
Warranty period	5 years	Optical cover finish	Textured
Sustainability rating	Unclassified	Overall length	1,470 mm
		Overall width	200 mm
		Overall height	73 mm
		Dimensions (Height x Width x Depth)	73 x 200 x 1470 mm
		Ingress protection code	IP20 [Finger-protected]
		Mech. impact protection code	IK02 [0.2 J standard]
		Mounting	Suspension set twin, triangle
		Net Weight (Piece)	5.314 kg
Light Technical		Approval and Application	
Luminous Flux	4,500 lm	Glow-wire test	Temperature 850 °C, duration 30 s
Saturated Red (R9)	>50	Flammability mark	For mounting on normally flammable surfaces
Correlated Color Temperature (Nom)	4000 K	CE mark	Yes
Luminous Efficacy (rated) (Nom)	136 lm/W	ENEC mark	ENEC plus mark
Color rendering index (CRI)	>90	Photobiological risk	Photobiological risk group 0 @200mm to EN62778
Beam angle of light source	120 degree(s)	EU RoHS compliant	Yes
Light source color	940 neutral white	Performance ambient temperature Tq	25 °C
Optic type	Wide beam	Flickering value (PstLM) - Flickering value as 1 per EN 61000-3-3	
Luminaire light beam spread	114°	Stroboscopic effect visibility measure (SVM)	0.4
Unified glare rating CEN	25	Ambient temperature range	+10 to +40 °C
Operating and Electrical		Initial Performance (IEC Compliant)	
Input Voltage	220 to 240 V	Luminous flux tolerance	+/-10%
Line Frequency	50 to 60 Hz	Initial chromaticity	(0.43, 0.40) SDCM <3
Initial CLO power consumption	- W	Power consumption tolerance	+/-10%
Average CLO power consumption	- W	Standard Deviation of Colour Matching (McAdam ellipse)	SDCM≤3
Inrush current	25.1 A	Over Time Performance (IEC Compliant)	
Inrush time	0.214 ms	Control gear failure rate at median useful life 50000 h	5 %
Power Consumption	37.5 W	Lumen maintenance (EN-IEC 62722-2-1) at 50000 h	L90
Power Factor (Fraction)	0.9	Lumen maintenance (EN-IEC 62722-2-1) at 100000 h	L80
Connection	Push-in connector 5-pole		
Cable	Cable 2.2 m (Eca class) without plug 5-pole		
Number of products on MCB of 16 A type B	15		
Suitable for random switching	Yes (relates to presence/ movement detection and daylight harvesting)		
Protection class IEC	Safety class I		
Controls and Dimming			
Dimmable	Yes		
Driver/power unit/transformer	Power supply unit with DALI interface		
Control interface	DALI		
Constant light output	No		
DALI Standard	DALI-2™		

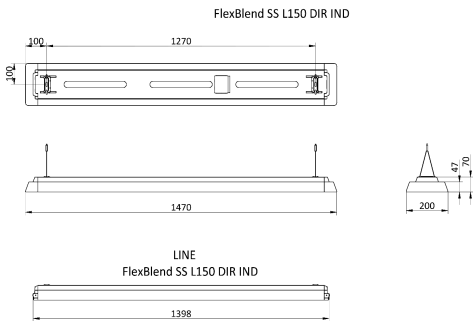
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## Product Data

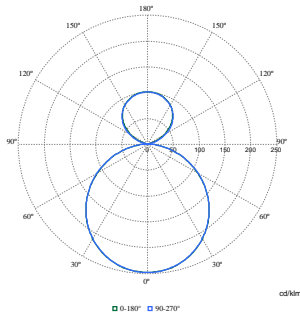
Order product name	SP342P 45S/940 PSD O SMT L150 BK
Full product name	SP342P 45S/940 PSD O SMT L150 BK
Full product code	871951418307000
Order code	18307000
Material Nr. (12NC)	910925867945
Numerator - Quantity Per Pack	1

EAN/UPC - Product/Case	8719514183070
Numerator - Packs per outer box	1
EAN/UPC - Case	8719514183070
Product family code	SP342P [FLEXBLEND SUSPENDE D/I STAND-ALONE]

## Dimensional drawing



## Photometric data



Polar Normal (separate) - SM340CI - 910925867945

