



FlexBlend, Suspended

SP342P 45S/940 PSD PCS SMT L150 WH

FLEXBLEND SUSPENDED D/I STAND-ALONE, 35 W, Power supply unit with DALI interface, Wide beam, 84°

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			
Light source replaceable	No	Driver/power unit/transformer	Power supply unit with DALI interface
Number of gear units	1 unit	Control interface	DALI
Driver included	Yes	Constant light output	No
Service tag	Yes	Mechanical and Housing	
Product family code	SP342P [FLEXBLEND SUSPENDED D/I STAND-ALONE]	Housing Material	Steel
Lighting Technology	LED	Reflector material	Polycarbonate
Value ladder	Performance	Optic material	Polycarbonate
CE mark	Yes	Optical cover/lens material	Polycarbonate
Warranty period	5 years	Fixation material	Stainless steel
Flammability mark	For mounting on normally flammable surfaces	Housing Color	White RAL 9003
ENEC mark	ENEC plus mark	Optical cover/lens finish	Textured
Glow-wire test	Temperature 850 °C, duration 30 s	Overall length	1,470 mm
EU RoHS compliant	Yes	Overall width	200 mm
		Overall height	73 mm
		Dimensions (Height x Width x Depth)	73 x 200 x 1470 mm
Light Technical		Approval and Application	
Luminous Flux	4,500 lumen	Ingress protection code	IP20 [Finger-protected]
Saturated Red (R9)	>50	Mech. impact protection code	IK02 [0.2 J standard]
Correlated Color Temperature (Nom)	4000 K	Sustainability rating	-
Luminous Efficacy (rated) (Nom)	129 lm/W	Protection class IEC	Safety class I
Color rendering index (CRI)	>90	Photobiological risk	Photobiological risk group 0 @200mm to EN62778
Flickering value (PstLM)	1	Initial Performance (IEC Compliant)	
Stroboscopic effect value (SVM)	0.4	Initial chromaticity	(0.43, 0.40) SDCM <3
Beam angle of light source	120 degree(s)	Luminous flux tolerance	+/-10%
Light source color	940 neutral white	Power consumption tolerance	+/-10%
Optic type	Wide beam	Over Time Performance (IEC Compliant)	
Luminaire light beam spread	84°	Control gear failure rate at median useful life	5 %
Unified glare rating CEN	19	50000 h	
Operating and Electrical		Lumen maintenance at median useful life*	L90
Input Voltage	220 to 240 V	50000 h	
Line Frequency	50 to 60 Hz	Lumen maintenance at median useful life*	L80
Initial CLO power consumption	- W	100000 h	
Average CLO power consumption	- W	Application Conditions	
Inrush current	25.1 A	Maximum dim level	1%
Inrush time	0.214 ms	Performance ambient temperature Tq	25 °C
Power Consumption	35 W	Suitable for random switching	Yes (relates to presence/ movement detection and daylight harvesting)
Power Factor (Fraction)	0.9	Product Data	
Connection	Push-in connector 5-pole	Full product code	871951410365800
Cable	Cable 2.2 m (Eca class) without plug 5-pole	Order product name	SP342P 45S/940 PSD PCS SMT L150 WH
Number of products on MCB of 16 A type B	15	Order code	910925867104
Temperature		Numerator - Quantity Per Pack	1
Ambient temperature range	+10 to +40 °C	Numerator - Packs per outer box	1
Controls and Dimming			
Dimmable	Yes		

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Material Nr. (12NC)	910925867104
Full product name	SP342P 45S/940 PSD PCS SMT L150 WH
EAN/UPC - Case	8719514103658

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Dimensional drawing

