



FlexBlend, Suspended

SP342P 45S/940 DEIA O SMT L150 WH

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		Optical cover material	
Light source replaceable	No	Polycarbonate	
Number of gear units	1 unit	Fixation material	Stainless steel
Driver included	Yes	Housing Color	White
Service tag	Yes	Optical cover finish	Textured
Lighting Technology	LED	Overall length	1,470 mm
Value ladder	Performance	Overall width	200 mm
Warranty period	5 years	Overall height	73 mm
Light Technical		Dimensions (Height x Width x Depth)	73 x 200 x 1470 mm
Luminous Flux	4,500 lm	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	Mounting	Suspension set twin, triangle
Luminous Efficacy (rated) (Nom)	136 lm/W	Net Weight (Piece)	5.314 kg
Color rendering index (CRI)	>90	Approval and Application	
Beam angle of light source	120 degree(s)	Glow-wire test	Temperature 850 °C, duration 30 s
Light source color	940 neutral white	Flammability mark	For mounting on normally flammable surfaces
Optic type	Wide beam	CE mark	Yes
Luminaire light beam spread	114°	ENEC mark	ENEC plus mark
Unified glare rating CEN	25	Photobiological risk	Photobiological risk group 0 @200mm to EN62778
Operating and Electrical		EU RoHS compliant	Yes
Input Voltage	220 to 240 V	Performance ambient temperature Tq	25 °C
Line Frequency	50 to 60 Hz	Flickering value (PstLM) - Flickering value as 1 per EN 61000-3-3	
Initial CLO power consumption	- W	Stroboscopic effect visibility measure (SVM)	0.4
Average CLO power consumption	- W	Ambient temperature range	+10 to +40 °C
Inrush current	25.1 A	Initial Performance (IEC Compliant)	
Inrush time	0.214 ms	Luminous flux tolerance	+/-10%
Power Consumption	37.5 W	Initial chromaticity	(0.38, 0.38) SDCM <3
Power Factor (Fraction)	0.9	Power consumption tolerance	+/-10%
Connection	Push-in connector 5-pole	Standard Deviation of Colour Matching (McAdam ellipse)	SDCM≤3
Cable	Cable 2.2 m (Eca class) without plug 5-pole	Over Time Performance (IEC Compliant)	
Number of products on MCB of 16 A type B	15	Control gear failure rate at median useful life	5 %
Suitable for random switching	Yes (relates to presence/ movement detection and daylight harvesting)	50000 h	
Protection class IEC	Safety class I	Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h	L90
Controls and Dimming		Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h	L80
Dimmable	Yes	Sustainability Data	
Driver/power unit/transformer	Power supply unit with DALI interface	Sustainability rating	Unclassified
Control interface	DALI	Serviceability class	Class B, luminaire is equipped with some serviceable parts (when applicable): driver, control units, surge protection device, front cover and mechanical parts
Constant light output	No		
DALI Standard	DALI-2™		
Maximum dim level	1%		
Mechanical and Housing			
Housing Material	Steel		
Reflector material	Polycarbonate		
Optic material	Polycarbonate		

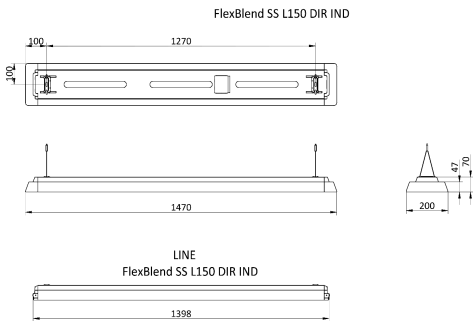
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Product Data

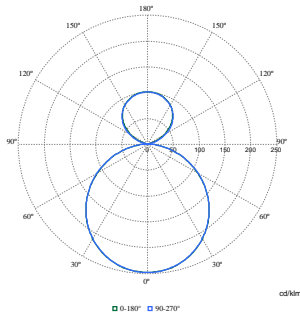
Order product name	SP342P 45S/940 DEIA O SMT L150 WH
Full product name	SP342P 45S/940 DEIA O SMT L150 WH
Full product code	871951410378800
Order code	910925867117
Material Nr. (12NC)	910925867117
Numerator - Quantity Per Pack	1

EAN/UPC - Product/Case	8719514103788
Numerator - Packs per outer box	1
EAN/UPC - Case	8719514103788
Product family code	SP342P [FLEXBLEND SUSPENDED D/I STAND-ALONE]

Dimensional drawing



Photometric data



Polar Normal (separate) - SM340CI - 910925867117

