



FlexBlend, Surface Mounted

SM340C 35S/940 DEIA PCS L150 SI

FlexBlend, Surface Mounted, 25 W, 1470x200 mm; H73 mm, 3500 lm, 4000 K, CRI>90, DALI, UGR19

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 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 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.

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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

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
Warranty period	5 years	Housing Color	Silver
Light Technical		Optical cover finish	Textured
Luminous Flux	3,500 lm	Overall length	1,470 mm
Saturated Red (R9)	>50	Overall width	200 mm
Correlated Color Temperature (Nom)	4000 K	Overall height	73 mm
Luminous Efficacy (rated) (Nom)	140 lm/W	Dimensions (Height x Width x Depth)	73 x 200 x 1470 mm
Color rendering index (CRI)	>90	Ingress protection code	IP20 [Finger-protected]
Beam angle of light source	120 degree(s)	Mech. impact protection code	IK02 [0.2 J standard]
Light source color	940 neutral white	Net Weight (Piece)	4.700 kg
Optic type	Wide beam	Approval and Application	
Luminaire light beam spread	84°	Glow-wire test	Temperature 850 °C, duration 30 s
Unified glare rating CEN	19	Flammability mark	For mounting on normally flammable surfaces
Operating and Electrical		CE mark	Yes
Input Voltage	220 to 240 V	ENEC mark	ENEC plus mark
Line Frequency	50 to 60 Hz	Photobiological risk	Photobiological risk group 0 @200mm to EN62778
Initial CLO power consumption	- W	EU RoHS compliant	Yes
Average CLO power consumption	- W	Performance ambient temperature Tq	25 °C
Inrush current	25.1 A	Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Inrush time	0.214 ms	Stroboscopic effect visibility measure (SVM)	0.4
Power Consumption	25 W	Ambient temperature range	+10 to +40 °C
Power Factor (Fraction)	0.9	Initial Performance (IEC Compliant)	
Connection	Push-in connector 5-pole	Luminous flux tolerance	+/-10%
Cable	-	Initial chromaticity	(0.38, 0.38) SDCM <3
Number of products on MCB of 16 A type B	15	Power consumption tolerance	+/-10%
Suitable for random switching	Yes (relates to presence/ movement detection and daylight harvesting)	Standard Deviation of Colour Matching (McAdam ellipse)	SDCM≤3
Protection class IEC	Safety class I	Over Time Performance (IEC Compliant)	
Total harmonic distortion	20 %	Control gear failure rate at median useful life 50000 h	5 %
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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Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h	L90
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h	L75

Sustainability Data

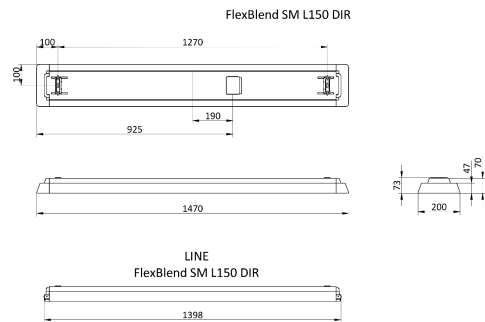
Sustainability rating	Unclassified
Serviceability class	Class B, luminaire is equipped with some serviceable parts (when applicable): driver, control units, surge protection device, front cover and mechanical parts

Product Data

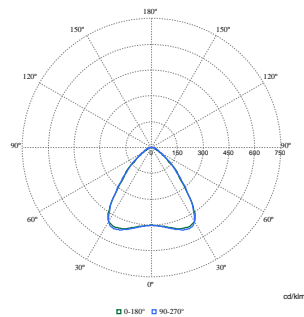
Order product name	SM340C 35S/940 DEIA PCS L150 SI
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Full product name	SM340C 35S/940 DEIA PCS L150 SI
Full product code	871951410362700
Order code	10362700
Material Nr. (12NC)	910925867101
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514103627
Numerator - Packs per outer box	1
EAN/UPC - Case	8719514103627
Product family code	SM340C [FLEXBLEND STAND-ALONE]

Dimensional drawing



Photometric data



Polar Normal (separate) - SM340CI - 910925867101

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