



FlexBlend, Surface Mounted

SM340C 45S/940 PSD PCS L150 SI

SM340C | FLEXBLEND STAND-ALONE - 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.

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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		Temperature	
Light source replaceable	No	Ambient temperature range	+10 to +40 °C
Number of gear units	1 unit	Controls and Dimming	
Driver included	Yes	Dimmable	Yes
Service tag	Yes	Driver/power unit/transformer	Power supply unit with DALI interface
Product family code	SM340C [FLEXBLEND STAND-ALONE]	Control interface	DALI
Lighting Technology	LED	Constant light output	No
Value ladder	Performance	Mechanical and Housing	
CE mark	Yes	Housing Material	Steel
Warranty period	5 years	Reflector material	Polycarbonate
Flammability mark	For mounting on normally flammable surfaces	Optic material	Polycarbonate
ENEC mark	ENEC plus mark	Optical cover/lens material	Polycarbonate
Glow-wire test	Temperature 850 °C, duration 30 s	Fixation material	Stainless steel
EU RoHS compliant	Yes	Housing Color	Silver RAL 9006
Light Technical		Optical cover/lens finish	Textured
Luminous Flux	4,500 lumen	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)	138 lm/W	Dimensions (Height x Width x Depth)	73 x 200 x 1470 mm
Color rendering index (CRI)	>90	Approval and Application	
Flickering value (PstLM)	1	Ingress protection code	IP20 [Finger-protected]
Stroboscopic effect value (SVM)	0.4	Mech. impact protection code	IK02 [0.2 J standard]
Beam angle of light source	120 degree(s)	Sustainability rating	-
Light source color	940 neutral white	Protection class IEC	Safety class I
Optic type	Wide beam	Photobiological risk	Photobiological risk group 0 @200mm to EN62778
Luminaire light beam spread	84°	Initial Performance (IEC Compliant)	
Unified glare rating CEN	19	Initial chromaticity	(0.43, 0.40) SDCM <3
Operating and Electrical		Luminous flux tolerance	+/-10%
Input Voltage	220 to 240 V	Power consumption tolerance	+/-10%
Line Frequency	50 to 60 Hz	Over Time Performance (IEC Compliant)	
Initial CLO power consumption	- W	Control gear failure rate at median useful life	5 %
Average CLO power consumption	- W	50000 h	
Inrush current	25.1 A	Lumen maintenance at median useful life*	L85
Inrush time	0.214 ms	50000 h	
Power Consumption	32.5 W	Lumen maintenance at median useful life*	L75
Power Factor (Fraction)	0.9	100000 h	
Connection	Push-in connector 5-pole		
Cable	-		
Number of products on MCB of 16 A type B	15		

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Application Conditions	
Maximum dim level	1%
Performance ambient temperature Tq	25 °C
Suitable for random switching	Yes (relates to presence/ movement detection and daylight harvesting)
Product Data	
Full product code	871951418250900
Order product name	SM340C 45S/940 PSD PCS L150 SI

Order code	910925867887
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910925867887
Full product name	SM340C 45S/940 PSD PCS L150 SI
EAN/UPC - Case	8719514182509
EAN/UPC - Product/Case	8719514182509

Dimensional drawing

