



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		Constant light output		No
Light source replaceable	No	Mechanical and Housing		
Number of gear units	1 unit	Housing Material	Steel	
Driver included	Yes	Reflector material	Polycarbonate	
Service tag	Yes	Optic material	Polycarbonate	
Product family code	SM340C [FLEXBLEND STAND-ALONE]	Optical cover/lens material	Polycarbonate	
Lighting Technology	LED	Fixation material	Stainless steel	
Value ladder	Performance	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	Glow-wire test	Temperature 850 °C, duration 30 s	
Luminaire light beam spread	84°	Flammability mark	For mounting on normally flammable surfaces	
Unified glare rating CEN	19	CE mark	Yes	
Operating and Electrical		ENEC mark	ENEC plus mark	
Input Voltage	220 to 240 V	Warranty period	5 years	
Line Frequency	50 to 60 Hz	Photobiological risk	Photobiological risk group 0 @200mm to EN62778	
Input Frequency	50 to 60 Hz	EU RoHS compliant	Yes	
Initial CLO power consumption	- W	Initial Performance (IEC Compliant)		
Average CLO power consumption	- W	Luminous flux tolerance	+/-10%	
Inrush current	25.1 A	Initial chromaticity	(0.43, 0.40) SDCM <3	
Inrush time	0.214 ms	Power consumption tolerance	+/-10%	
Power Consumption	32.5 W	Over Time Performance (IEC Compliant)		
Power Factor (Fraction)	0.9	Control gear failure rate at median useful life	50000 h	5 %
Connection	Push-in connector 5-pole	Lumen maintenance at median useful life*	50000 h	L85
Cable	-	Lumen maintenance at median useful life*	100000 h	L75
Number of products on MCB of 16 A type B	15			
Temperature				
Ambient temperature range	+10 to +40 °C			
Controls and Dimming				
Dimmable	Yes			
Driver/power unit/transformer	Power supply unit with DALI interface			
Control interface	DALI			

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Application Conditions	
Performance ambient temperature Tq	25 °C
Maximum dim level	1%
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 number (12NC)	910925867887
Full product name	SM340C 45S/940 PSD PCS L150 SI
EAN/UPC - Case	8719514182509



Dimensional drawing

