



# FlexBlend, Surface Mounted

## SM340C 42S/940 PSD PCS L120 SI

FLEXBLEND STAND-ALONE, 32 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.

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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

<b>General Information</b>		<b>Constant light output</b>		No
Light source replaceable	No	<b>Mechanical and Housing</b>		
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	
<b>Light Technical</b>		Optical cover/lens finish	Textured	
Luminous Flux	4,200 lumen	Overall length	1,200 mm	
Saturated Red (R9)	>50	Overall width	200 mm	
Correlated Color Temperature (Nom)	4000 K	Overall height	73 mm	
Luminous Efficacy (rated) (Nom)	131 lm/W	Dimensions (Height x Width x Depth)	73 x 200 x 1200 mm	
Color rendering index (CRI)	>90	<b>Approval and Application</b>		
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	
<b>Operating and Electrical</b>		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	
Initial CLO power consumption	- W	EU RoHS compliant	Yes	
Average CLO power consumption	- W	<b>Initial Performance (IEC Compliant)</b>		
Inrush current	25.1 A	Luminous flux tolerance	+/-10%	
Inrush time	0.214 ms	Initial chromaticity	(0.43, 0.40) SDCM <3	
Power Consumption	32 W	Power consumption tolerance	+/-10%	
Power Factor (Fraction)	0.9	<b>Over Time Performance (IEC Compliant)</b>		
Connection	Push-in connector 5-pole	Control gear failure rate at median useful life	5 %	
Cable	-	50000 h		
Number of products on MCB of 16 A type B	15	Lumen maintenance at median useful life*	L85	
<b>Temperature</b>		50000 h		
Ambient temperature range	+10 to +40 °C	Lumen maintenance at median useful life*	L75	
<b>Controls and Dimming</b>		100000 h		
Dimmable	Yes			
Driver/power unit/transformer	Power supply unit with DALI interface			
Control interface	DALI			

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<b>Application Conditions</b>	
Performance ambient temperature Tq	25 °C
Maximum dim level	1%
Suitable for random switching	Yes (relates to presence/ movement detection and daylight harvesting)

<b>Product Data</b>	
Full product code	871951410396200
Order product name	SM340C 42S/940 PSD PCS L120 SI

Order code	910925867135
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910925867135
Full product name	SM340C 42S/940 PSD PCS L120 SI
EAN/UPC - Case	8719514103962

## Dimensional drawing

