



FlexBlend, Surface Mounted

SM340C 36S/940 DEIA PCS L120 WH

FlexBlend, Surface Mounted, 26 W, 1200x200 mm; H73 mm, 3600 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.

FlexBlend, Surface Mounted

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		Maximum dim level	
Light source replaceable	No		1%
Number of gear units	1 unit	Mechanical and Housing	
Driver included	Yes	Housing Material	Steel
Service tag	Yes	Reflector material	Polycarbonate
Lighting Technology	LED	Optic material	Polycarbonate
Value ladder	Performance	Optical cover material	Polycarbonate
Warranty period	5 years	Fixation material	Stainless steel
Light Technical		Housing Color	White
Luminous Flux	3,600 lm	Optical cover finish	Textured
Saturated Red (R9)	>50	Overall length	1,200 mm
Correlated Color Temperature (Nom)	4000 K	Overall width	200 mm
Luminous Efficacy (rated) (Nom)	138 lm/W	Overall height	73 mm
Color rendering index (CRI)	>90	Dimensions (Height x Width x Depth)	73 x 200 x 1200 mm
Beam angle of light source	120 degree(s)	Ingress protection code	IP20 [Finger-protected]
Light source color	940 neutral white	Mech. impact protection code	IK02 [0.2 J standard]
Optic type	Wide beam	Net Weight (Piece)	3.900 kg
Luminaire light beam spread	84°	Approval and Application	
Unified glare rating CEN	19	Glow-wire test	Temperature 850 °C, duration 30 s
Operating and Electrical		Flammability mark	For mounting on normally flammable surfaces
Input Voltage	220 to 240 V	CE mark	Yes
Line Frequency	50 to 60 Hz	ENEC mark	ENEC plus mark
Initial CLO power consumption	- W	Photobiological risk	Photobiological risk group 0 @200mm to EN62778
Average CLO power consumption	- W	EU RoHS compliant	Yes
Inrush current	25.1 A	Performance ambient temperature Tq	25 °C
Inrush time	0.214 ms	Flickering value (PstLM) - Flickering value as 1 per EN 61000-3-3	
Power Consumption	26 W	Stroboscopic effect visibility measure (SVM)	0.4
Power Factor (Fraction)	0.9	Ambient temperature range	+10 to +40 °C
Connection	Push-in connector 5-pole	Initial Performance (IEC Compliant)	
Cable	-	Luminous flux tolerance	+/-10%
Number of products on MCB of 16 A type B	15	Initial chromaticity	(0.38, 0.38) SDCM <3
Suitable for random switching	Yes (relates to presence/ movement detection and daylight harvesting)	Power consumption tolerance	+/-10%
Protection class IEC	Safety class I	Standard Deviation of Colour Matching (McAdam ellipse)	SDCM≤3
Total harmonic distortion	20 %	Over Time Performance (IEC Compliant)	
Controls and Dimming		Control gear failure rate at median useful life	5 %
Dimmable	Yes		50000 h
Driver/power unit/transformer	Power supply unit with DALI interface		
Control interface	DALI		
Constant light output	No		
DALI Standard	DALI-2™		

FlexBlend, Surface Mounted

Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h	L85
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h	L75

Sustainability Data

Sustainability rating	Unclassified
Repair class	Repair Class C, the driver of this luminaire can be replaced by a service technician. Special care is required during disassembly and reassembly, and specific tools may be required. Parts and

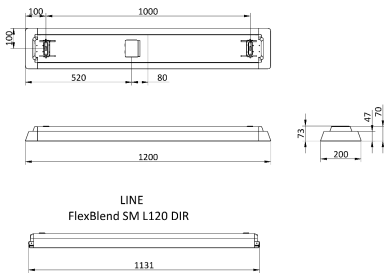
documentation are available for a period of time.

Product Data

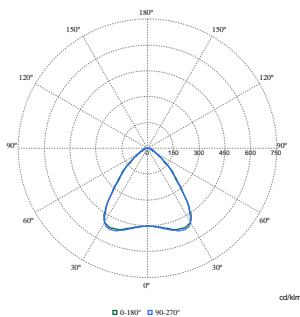
Order product name	SM340C 36S/940 DEIA PCS L120 WH
Full product name	SM340C 36S/940 DEIA PCS L120 WH
Full product code	871951410395500
Order code	910925867134
Material Nr. (12NC)	910925867134
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514103955
Numerator - Packs per outer box	1
EAN/UPC - Case	8719514103955
Product family code	SM340C [FLEXBLEND STAND-ALONE]

Dimensional drawing

FlexBlend SM L120 DIR



Photometric data



Polar Normal (separate) - SM340CI - 910925867134

FlexBlend, Surface Mounted

