# **PHILIPS** Lighting



## FlexBlend heading the way to efficient and flexible furnished offices areas

## FlexBlend, Surface Mounted

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 todays 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.

#### **Benefits**

- Return of investment less than 3 years
- A flexible office, with application flexibility to the choice of luminaires to fit many office areas
- Future ready: scalable and ready to be connected to controls and lighting systems

#### Features

- Fully office compliant (UGR <19, L65< 3000cd/sm) , light level according to office applications requirements
- Homogenous and uniform light effect
- Various mounting options, dimensional variety and local options
- Integrated sensors
- Ready to be connected to software based lighting systems such as Interact Office

#### Application

- Offices
- Education
- Healthcare

#### Warnings and Safety

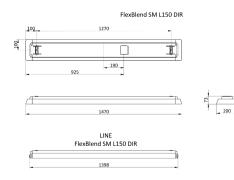
- The product is IPX0 & as such is not protected against water ingress & as such we strongly recommend that The environment in which The luminaire is to be installed is suitably checked
- · If The above advice is not taken and The luminaires are subject to water ingress, Philips / Signify cannot guarantee safe failure & product warranty will become void

#### Versions

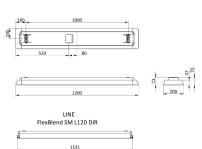


FlexBlend Surface Mounted SM340C PCS WH

#### **Dimensional drawing**







**Product details** 



FlexBlend Surface Mounted SM340C WH

FlexBlend Surface Mounted



FlexBlend\_Surface\_Mounted-SM340C-MLO-WH-SWZU-12DPP

FlexBlend Suspended SP340P WH

SM340C WH





FlexBlend Surface Mounted SM340C brackets

General Information	
Driver included	Yes
Light source replaceable	No
Number of gear units	1 unit
Service tag	Yes
Light Technical	
Correlated Color Temperature (Nom)	4000 K
Color rendering index (CRI)	>90
Optic type	Wide beam
Operating and Electrical	
Protection class IEC	Safety class I
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Controls and Dimming	
Dimmable	Yes
Maximum dim level	1%
Mechanical and Housing	
Housing Color	White
Mech. impact protection code	IK02
Ingress protection code	IP20
Approval and Application	
Ambient temperature range	+10 to +40 °C
CE mark	Yes
Flammability mark	For mounting on
	normally
	flammable
	surfaces
Flickering value (PstLM) - Flickering	1
value as per EN 61000-3-3	
Stroboscopic effect visibility measure	0.4
(SVM)	
Initial Performance (IEC Compliant	:)
Luminous flux tolerance	+/-10%
Product Data	
Product family code	SM340C

#### Light Technical

Page angle of InterventionLuminous EfficacyOrder CodeFul Product Namelight source(rated) (Nom)Luminous Flux910925868898SM340C 45S/940 SRD PCS U4 L0 VH- degree(s)141 In/W5.20 In910925868900SM340C 45S/940 SRD PCS U4 L10 VH- degree(s)141 In/W4.500 In910925868900SM340C 45S/940 SRD PCS U4 L10 VH- degree(s)125 In/W4.500 In910925868900SM340C 45S/940 SRD PCS U4 L10 VH- degree(s)143 In/W3.500 In910925868900SM340C 35S/940 SRD PCS U4 L10 VH- degree(s)143 In/W4.200 In910925868900SM340C 42S/940 SRD PCS U4 L10 VH- degree(s)116 In/W4.200 In910925868900SM340C 36S/940 SRD PCS U4 L120 VH- degree(s)116 In/W3.600 In910925868900SM340C 36S/940 PSD PCS L120 VH- degree(s)140 In/W3.500 In91092586710SM340C 35S/940 PSD PCS L120 VH120 degree(s)140 In/W3.500 In910925867310SM340C 42S/940 PSD PCS L120 VH120 degree(s)131 In/W4.200 In	-				
910925868898   SM340C 45S/940 SRD MLO U4 L150 WH   - degree(s)   118 lm/W   4,500 lm     910925868890   SM340C 52S/940 SRD PCS U4 L150 WH   - degree(s)   141 lm/W   5,200 lm     910925868901   SM340C 45S/940 SRD PCS U4 L150 WH   - degree(s)   125 lm/W   4,500 lm     910925868902   SM340C 35S/940 SRD PCS U4 L150 WH   - degree(s)   143 lm/W   3,500 lm     910925868903   SM340C 35S/940 SRD PCS U4 L120 WH   - degree(s)   143 lm/W   3,500 lm     910925868904   SM340C 35S/940 SRD PCS U4 L120 WH   - degree(s)   118 lm/W   4,200 lm     910925868905   SM340C 36S/940 SRD PCS U4 L120 WH   - degree(s)   116 lm/W   3,600 lm     910925867099   SM340C 35S/940 PSD PCS L120   - degree(s)   140 lm/W   3,500 lm     910925867105   SM340C 35S/940 PSD PCS L150 WH   120 degree(s)   140 lm/W   3,500 lm     910925867135   SM340C 42S/940 PSD PCS L120   120 degree(s)   140 lm/W   4,200 lm			Beam angle of	Luminous Efficacy	
L150 WH 5,200 lm   910925868899 SM340C 52S/940 SRD PCS U4 L150 - degree(s) 141 lm/W 5,200 lm   910925868901 SM340C 45S/940 SRD PCS U4 L150 - degree(s) 125 lm/W 4,500 lm   910925868902 SM340C 35S/940 SRD PCS U4 L150 - degree(s) 143 lm/W 3,500 lm   910925868903 SM340C 35S/940 SRD PCS U4 L120 - degree(s) 143 lm/W 4,200 lm   910925868903 SM340C 42S/940 SRD PCS U4 L120 - degree(s) 118 lm/W 4,200 lm   910925868904 SM340C 36S/940 SRD PCS U4 L120 - degree(s) 116 lm/W 3,600 lm   910925868904 SM340C 35S/940 PSD PCS U4 L120 - degree(s) 140 lm/W 3,600 lm   910925867099 SM340C 35S/940 PSD PCS L150 120 degree(s) 140 lm/W 3,500 lm   910925867135 SM340C 42S/940 PSD PCS L150 120 degree(s) 140 lm/W 4,200 lm	Order Code	Full Product Name	light source	(rated) (Nom)	Luminous Flux
910925868899 SM340C 52S/940 SRD PCS U4 L150 - degree(s) 141 lm/W 5,200 lm   910925868901 SM340C 45S/940 SRD PCS U4 L150 - degree(s) 125 lm/W 4,500 lm   910925868902 SM340C 35S/940 SRD PCS U4 L150 - degree(s) 141 lm/W 3,500 lm   910925868903 SM340C 35S/940 SRD PCS U4 L120 - degree(s) 143 lm/W 3,500 lm   910925868904 SM340C 42S/940 SRD PCS U4 L120 - degree(s) 118 lm/W 4,200 lm   910925868904 SM340C 36S/940 SRD PCS U4 L120 - degree(s) 116 lm/W 3,600 lm   910925867099 SM340C 35S/940 PSD PCS L1200 120 degree(s) 140 lm/W 3,500 lm   910925867135 SM340C 42S/940 PSD PCS L120 120 degree(s) 131 lm/W 4,200 lm	910925868898	SM340C 45S/940 SRD MLO U4	- degree(s)	118 lm/W	4,500 lm
WH   910925868901 SM340C 45S/940 SRD PCS U4 L150 - degree(s) WH 125 lm/W 4,500 lm   910925868902 SM340C 35S/940 SRD PCS U4 L150 - degree(s) WH 143 lm/W 3,500 lm   910925868903 SM340C 42S/940 SRD PCS U4 L120 - degree(s) WH 118 lm/W 4,200 lm   910925868904 SM340C 36S/940 SRD PCS U4 L120 - degree(s) WH 116 lm/W 3,600 lm   910925868904 SM340C 36S/940 SRD PCS U4 L120 - degree(s) WH 116 lm/W 3,600 lm   910925867099 SM340C 35S/940 PSD PCS L150 WH 120 degree(s) 140 lm/W 3,500 lm   910925867135 SM340C 42S/940 PSD PCS L120 120 degree(s) 131 lm/W 4,200 lm		L150 WH			
910925868901 SM340C 45S/940 SRD PCS U4 L150 - degree(s) 125 lm/W 4,500 lm   910925868902 SM340C 35S/940 SRD PCS U4 L150 - degree(s) 143 lm/W 3,500 lm   910925868903 SM340C 42S/940 SRD PCS U4 L120 - degree(s) 118 lm/W 4,200 lm   910925868904 SM340C 42S/940 SRD PCS U4 L120 - degree(s) 118 lm/W 4,200 lm   910925868904 SM340C 36S/940 SRD PCS U4 L120 - degree(s) 116 lm/W 3,600 lm   910925867099 SM340C 35S/940 PSD PCS L150 120 degree(s) 140 lm/W 3,500 lm   910925867135 SM340C 42S/940 PSD PCS L120 120 degree(s) 131 lm/W 4,200 lm	910925868899	SM340C 52S/940 SRD PCS U4 L150	- degree(s)	141 lm/W	5,200 lm
WH   910925868902 SM340C 35S/940 SRD PCS U4 L150 - degree(s) 143 lm/W 3,500 lm   910925868903 SM340C 42S/940 SRD PCS U4 L120 - degree(s) 118 lm/W 4,200 lm   910925868904 SM340C 36S/940 SRD PCS U4 L120 - degree(s) 116 lm/W 3,600 lm   910925868904 SM340C 36S/940 SRD PCS U4 L120 - degree(s) 116 lm/W 3,600 lm   910925867099 SM340C 35S/940 PSD PCS L150 120 degree(s) 140 lm/W 3,500 lm   910925867135 SM340C 42S/940 PSD PCS L120 120 degree(s) 131 lm/W 4,200 lm		WH			
910925868902 SM340C 35S/940 SRD PCS U4 L150 - degree(s) 143 lm/W 3,500 lm   910925868903 SM340C 42S/940 SRD PCS U4 L120 - degree(s) 118 lm/W 4,200 lm   910925868904 SM340C 36S/940 SRD PCS U4 L120 - degree(s) 118 lm/W 3,600 lm   910925868904 SM340C 36S/940 SRD PCS U4 L120 - degree(s) 116 lm/W 3,600 lm   910925867099 SM340C 35S/940 PSD PCS L150 120 degree(s) 140 lm/W 3,500 lm   910925867135 SM340C 42S/940 PSD PCS L120 120 degree(s) 131 lm/W 4,200 lm	910925868901	SM340C 45S/940 SRD PCS U4 L150	- degree(s)	125 lm/W	4,500 lm
WH 910925868903 SM340C 42S/940 SRD PCS U4 L120 - degree(s) H18 lm/W 4,200 lm   910925868904 SM340C 36S/940 SRD PCS U4 L120 - degree(s) H16 lm/W 3,600 lm   910925867099 SM340C 35S/940 PSD PCS L150 H20 degree(s) H10 lm/W 3,500 lm   910925867135 SM340C 42S/940 PSD PCS L120 120 degree(s) H10 lm/W 3,500 lm   910925867135 SM340C 42S/940 PSD PCS L120 120 degree(s) H10 lm/W 4,200 lm		WH			
910925868903 SM340C 42S/940 SRD PCS U4 L120 - degree(s) 118 lm/W 4,200 lm   910925868904 SM340C 36S/940 SRD PCS U4 L120 - degree(s) 116 lm/W 3,600 lm   910925867099 SM340C 35S/940 PSD PCS L150 120 degree(s) 140 lm/W 3,500 lm   910925867135 SM340C 42S/940 PSD PCS L120 120 degree(s) 131 lm/W 4,200 lm	910925868902	SM340C 35S/940 SRD PCS U4 L150	- degree(s)	143 lm/W	3,500 lm
WH   3,600 lm     910925868904   SM340C 36S/940 SRD PCS U4 L120 - degree(s)   116 lm/W   3,600 lm     WH   WH   3,500 lm   110 lm/W   3,500 lm     910925867099   SM340C 35S/940 PSD PCS L150   120 degree(s)   140 lm/W   3,500 lm     910925867135   SM340C 42S/940 PSD PCS L120   120 degree(s)   131 lm/W   4,200 lm		WH			
910925868904 SM340C 36S/940 SRD PCS U4 L120 - degree(s) 116 lm/W 3,600 lm   910925867099 SM340C 35S/940 PSD PCS L150 120 degree(s) 140 lm/W 3,500 lm   910925867135 SM340C 42S/940 PSD PCS L120 120 degree(s) 131 lm/W 4,200 lm	910925868903	SM340C 42S/940 SRD PCS U4 L120	- degree(s)	118 lm/W	4,200 lm
WH   910925867099   SM340C 35S/940 PSD PCS L150   120 degree(s)   140 lm/W   3,500 lm     WH    910925867135   SM340C 42S/940 PSD PCS L120   120 degree(s)   131 lm/W   4,200 lm		WH			
910925867099 SM340C 35S/940 PSD PCS L150 120 degree(s) 140 lm/W 3,500 lm WH 910925867135 SM340C 42S/940 PSD PCS L120 120 degree(s) 131 lm/W 4,200 lm	910925868904	SM340C 36S/940 SRD PCS U4 L120	- degree(s)	116 lm/W	3,600 lm
WH     910925867135   SM340C 425/940 PSD PCS L120   120 degree(s)   131 lm/W   4,200 lm		WH			
910925867135 SM340C 42S/940 PSD PCS L120 120 degree(s) 131 lm/W 4,200 lm	910925867099	SM340C 35S/940 PSD PCS L150	120 degree(s)	140 lm/W	3,500 lm
		WH			
WH	910925867135	SM340C 42S/940 PSD PCS L120	120 degree(s)	131 lm/W	4,200 lm
		WH			

#### **Operating and Electrical**

		Power	Suitable for			Power	Suitable for
Order Code	Full Product Name	Consumption	random switching	Order Code	Full Product Name	Consumption	random switching
910925868898	SM340C 45S/940 SRD MLO	38 W	No	910925868902	SM340C 35S/940 SRD PCS	24.5 W	No
	U4 L150 WH				U4 L150 WH		
910925868899	SM340C 52S/940 SRD PCS	37 W	No	910925868903	SM340C 42S/940 SRD PCS	35.5 W	No
	U4 L150 WH				U4 L120 WH		
910925868901	SM340C 45S/940 SRD PCS	36 W	No	910925868904	SM340C 36S/940 SRD PCS	31 W	No
	U4 L150 WH				U4 L120 WH		

		Power	Suitable for			Power	Suitable for
Order Code	Full Product Name	Consumption	random switching	Order Code	Full Product Name	Consumption	random switching
910925867099	SM340C 35S/940 PSD PCS	25 W	Yes (relates to	910925867135	SM340C 42S/940 PSD PCS	32 W	Yes (relates to
	L150 WH		presence/		L120 WH		presence/
			movement				movement
			detection and				detection and
			daylight harvesting)				daylight harvesting)
			adyngint hal vestillig)				adyngint Hai vestil

#### Approval and Application

Order Code	Full Product Name	ENEC mark	Glow-wire test
910925868898	SM340C 45S/940 SRD MLO	ENEC mark	Temperature 650 °C,
	U4 L150 WH		duration 30 s
910925868899	SM340C 52S/940 SRD PCS	ENEC mark	Temperature 850 °C,
	U4 L150 WH		duration 30 s
910925868901	SM340C 45S/940 SRD PCS	ENEC mark	Temperature 850 °C,
	U4 L150 WH		duration 30 s
910925868902	SM340C 35S/940 SRD PCS	ENEC mark	Temperature 850 °C,
	U4 L150 WH		duration 30 s

Order Code	Full Product Name	ENEC mark	Glow-wire test
910925868903	SM340C 42S/940 SRD PCS	ENEC mark	Temperature 850 °C,
	U4 L120 WH		duration 30 s
910925868904	SM340C 36S/940 SRD PCS	ENEC mark	Temperature 850 °C,
	U4 L120 WH		duration 30 s
910925867099	SM340C 35S/940 PSD PCS	ENEC plus	Temperature 850 °C,
	L150 WH	mark	duration 30 s
910925867135	SM340C 42S/940 PSD PCS	ENEC plus	Temperature 850 °C,
	L120 WH	mark	duration 30 s

#### Initial Performance (IEC Compliant)

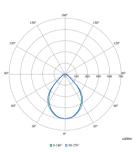
Order Code	Full Product Name	Initial chromaticity
910925868898	SM340C 45S/940 SRD MLO U4 L150 WH	0.38,0.37
910925868899	SM340C 52S/940 SRD PCS U4 L150 WH	0.38,0.37
910925868901	SM340C 45S/940 SRD PCS U4 L150 WH	0.38,0.37
910925868902	SM340C 35S/940 SRD PCS U4 L150 WH	0.38,0.37

Order Code	Full Product Name	Initial chromaticity
910925868903	SM340C 42S/940 SRD PCS U4 L120 WH	0.38,0.37
910925868904	SM340C 36S/940 SRD PCS U4 L120 WH	0.38,0.37
910925867099	SM340C 35S/940 PSD PCS L150 WH	(0.43, 0.40) SDCM <3
910925867135	SM340C 42S/940 PSD PCS L120 WH	(0.43, 0.40) SDCM <3

#### **Polar Wide Diagrams**



Polar Normal (separate) - SM340CI -910925868902

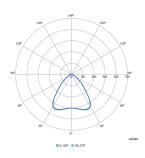


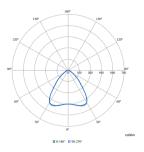
Polar Normal (separate) - SM340CI -910925868898



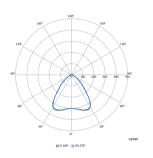
Polar Normal (separate) - SM340CI -910925868899

#### **Polar Wide Diagrams**



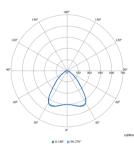


#### Polar Normal (separate) - SM340CI -910925868901



#### Polar Normal (separate) - SM340CI -910925867099





Polar Normal (separate) - SM340CI -910925867135



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Polar Normal (separate) - SM340CI -910925868904