

**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. This luminaire range enables building owners to advance their lighting operations, by offering office-compliant lighting with a return on investment of less than three to four years. FlexBlend provides the required flexibility through an adaptable design. This gives the possibility to install the luminaires easily in the building, at any moment. Even when the luminaire is surface mounted, tomorrow it can be adapted to a suspended installation on site. And vice versa. The surface-mounted and suspended luminaire range fits many different office spaces like open plan offices, corridors, reception areas or meeting rooms. FlexBlend is offered in both lines and as standalone, using the same lighting module. This gives users the option to use FlexBlend as standalone now, and tomorrow, as a 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 optimise operations further. For this reason, FlexBlend has all connectivity and future-ready options available. As a System Ready luminaire, it can be paired with lighting management systems such as the Philips SpaceWise, and to software-based lighting systems such 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 the next phase, it can be upgraded on site. An attractive opportunity for new installations and renovations.

# FlexBlend, Surface-Mounted

## Benefits

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

## Features

- Fully office-compliant (UGR <19, L65< 3,000 cd/sm), light level according to office application requirements
- Homogenous and uniform light effect and CRI90
- Various mounting options with suspended and surface mounted, dimensional variety and 3 Hour emergency versions
- 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 IP20 and as such is not protected against water ingress, so we strongly recommend that the environment in which the luminaire is to be installed is suitably checked
- If the above advice is not followed and the luminaires are subject to water ingress, Philips/Signify cannot guarantee safe use and the product warranty will become void

## Versions



FlexBlend Surface Mounted-  
SM340C-ML0-WH-SENS1-L150

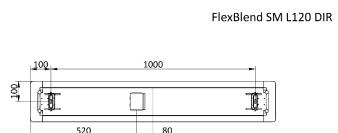


FlexBlend Surface Mounted  
SM340C PCS WH

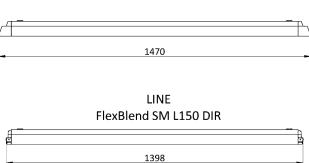
## Dimensional drawing



FlexBlend SM L150 DIR



FlexBlend SM L120 DIR



LINE  
FlexBlend SM L150 DIR



LINE  
FlexBlend SM L120 DIR

## FlexBlend, Surface-Mounted

### Product details

FlexBlend Surface Mounted  
SM340C WH



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



FlexBlend Surface Mounted  
SM340C WH



FlexBlend Suspended SP340P WH



FlexBlend Surface Mounted  
SM340C brackets



# FlexBlend, Surface-Mounted

| General Information                 |  |
|-------------------------------------|--|
| Driver included                     | Yes  |
| Light source replaceable            | No   |
| Number of gear units                | Unit   |
| Service Tag                         | Yes  |
| Light Technical                     |  |
| Correlated Colour Temperature (Nom) | 4000 K   |
| Colour 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                |  |
| Maximum dim level                   | 1%   |
| Mechanical and Housing              |  |
| Housing Colour                      | 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<br>normally<br>flammable<br>surfaces |
| Glow-wire test                      | Temperature 850<br>°C, duration 30 s                 |
| Flickering value (PstLM)            | 1  |
| Stroboscopic effect                 | 0.4  |
| Initial Performance (IEC Compliant) |  |
| Luminous flux tolerance             | +/-10%   |
| Product Data                        |  |
| Product family code                 | SM340C   |

## Light Technical

| Order Code | Full Product Name                 | Beam angle of light source | Luminous efficacy (rated) (nom.) | Luminous Flux |
|------------|-----------------------------------|----------------------------|----------------------------------|---------------|
| 70815000   | SM340C 42S/940 SRD PCS U4 L120 WH | - degree(s)                | 140 lm/W                         | 4,200 lm      |
| 70816700   | SM340C 36S/940 SRD PCS U4 L120 WH | - degree(s)                | 138 lm/W                         | 3,600 lm      |
| 10361000   | SM340C 35S/940 PSD PCS L150 WH    | 120 degree(s)              | 140 lm/W                         | 3,500 lm      |

## Operating and Electrical

| Order Code | Full Product Name                 | Power Consumption | Suitable for random switching |
|------------|-----------------------------------|-------------------|-------------------------------|
| 70815000   | SM340C 42S/940 SRD PCS U4 L120 WH | 30 W              | No                            |
| 70816700   | SM340C 36S/940 SRD PCS U4 L120 WH | 26 W              | No                            |

| Order Code | Full Product Name              | Power Consumption | Suitable for random switching  |
|------------|--------------------------------|-------------------|--|
| 10361000   | SM340C 35S/940 PSD PCS L150 WH | 25 W              | Yes (relates to presence/movement detection and daylight harvesting) |

## Controls and Dimming

## FlexBlend, Surface-Mounted

| Order Code | Full Product Name                 | Dimmable |
|------------|-----------------------------------|----------|
| 70815000   | SM340C 42S/940 SRD PCS U4 L120 WH | No       |
| 70816700   | SM340C 36S/940 SRD PCS U4 L120 WH | No       |

| Order Code | Full Product Name              | Dimmable |
|------------|--------------------------------|----------|
| 10361000   | SM340C 35S/940 PSD PCS L150 WH | Yes      |

### Approval and Application

| Order Code | Full Product Name                 | ENEC mark |
|------------|-----------------------------------|-----------|
| 70815000   | SM340C 42S/940 SRD PCS U4 L120 WH | ENEC mark |
| 70816700   | SM340C 36S/940 SRD PCS U4 L120 WH | ENEC mark |

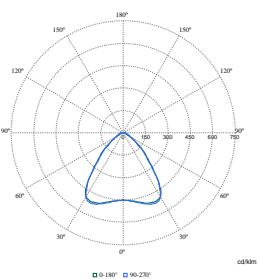
| Order Code | Full Product Name              | ENEC mark      |
|------------|--------------------------------|----------------|
| 10361000   | SM340C 35S/940 PSD PCS L150 WH | ENEC plus mark |

### Initial Performance (IEC Compliant)

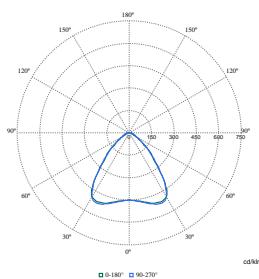
| Order Code | Full Product Name                 | Initial chromaticity |
|------------|-----------------------------------|----------------------|
| 70815000   | SM340C 42S/940 SRD PCS U4 L120 WH | 0.38,0.37            |
| 70816700   | SM340C 36S/940 SRD PCS U4 L120 WH | 0.38,0.37            |

| Order Code | Full Product Name              | Initial chromaticity |
|------------|--------------------------------|----------------------|
| 10361000   | SM340C 35S/940 PSD PCS L150 WH | (0.43, 0.40) SDCM <3 |

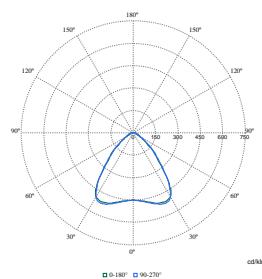
### Polar Wide Diagrams



Polar Normal (separate) - SM340CI -  
910925868903



Polar Normal (separate) - SM340CI -  
910925868904



Polar Normal (separate) - SM340CI -  
910925867099

