

## FlexBlend, Suspended

SP340P



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

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.

## 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

## Applications

- Offices
- Education
- Healthcare

## Features

- Fully office compliant (UGR <19, L65 < 3000cd/sm) , light level according to office applications requirements
- Homogenous and uniform light effect

## Versions



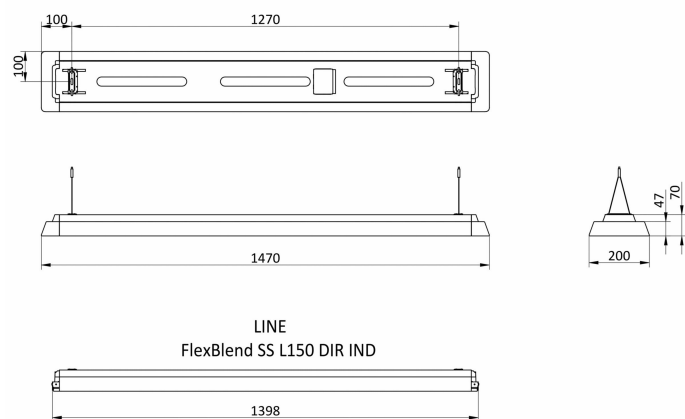
FlexBlend Suspended SP340P  
PCS WH



FlexBlend Suspended SP340P  
MLO WH

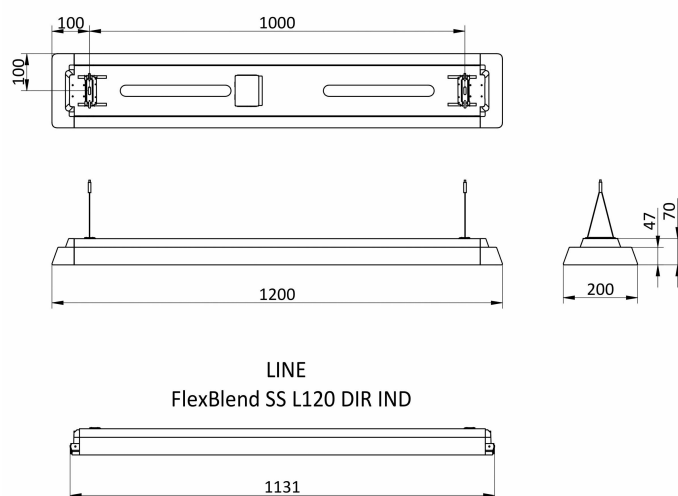
## Dimensional drawing

FlexBlend SS L150 DIR IND



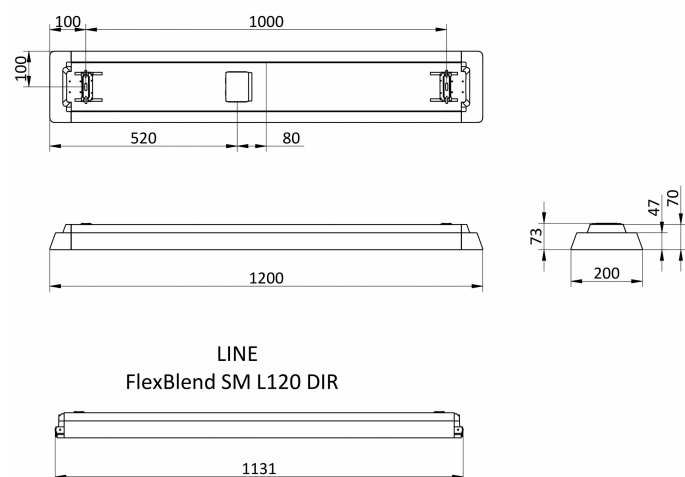
FLEXBLEND SUSPENDED D/I STAND-ALONE

FlexBlend SS L120 DIR IND



FLEXBLEND SUSPENDED D/I STAND-ALONE

FlexBlend SM L120 DIR



FLEXBLEND SUSPENDED D STAND-ALONE

## Product details

FlexBlend Suspended SP340P  
WH

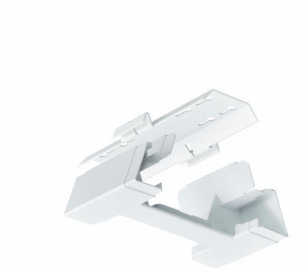
FlexBlend Suspended SP340P



FlexBlend Suspended SP340P  
PCS WH



FlexBlend Suspended SP340P  
SI



FlexBlend Suspended SP340P  
WH



FlexBlend Surface Mounted  
SM340C



FlexBlend Suspended SP340P  
MLO WH



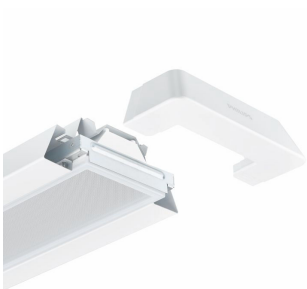
FlexBlend Suspended SP340P  
WH



FlexBlend Suspended SP340P  
WH



FlexBlend Suspended SP340P  
WH

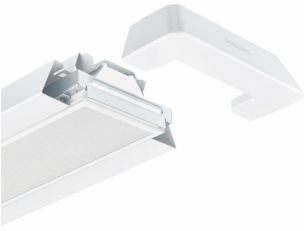


FlexBlend Suspended SP340P  
MLO WH



FlexBlend Suspended SP340P  
BK

FlexBlend Suspended SP340P  
PCS WH



### General Information

|                          |        |
|--------------------------|--------|
| Light source replaceable | No     |
| Number of gear units     | 1 unit |
| Driver included          | Yes    |
| Service tag              | Yes    |

### Light Technical

|                                    |               |
|------------------------------------|---------------|
| Correlated Color Temperature (Nom) | 4000 K        |
| Color rendering index (CRI)        | >90           |
| Beam angle of light source         | 120 degree(s) |
| Optic type                         | Wide beam     |

### Operating and Electrical

|                               |                                                                       |
|-------------------------------|-----------------------------------------------------------------------|
| Input Voltage                 | 220 to 240 V                                                          |
| Line Frequency                | 50 to 60 Hz                                                           |
| Suitable for random switching | Yes (relates to presence/ movement detection and daylight harvesting) |
| Protection class IEC          | Safety class I                                                        |

### Controls and Dimming

|                   |     |
|-------------------|-----|
| Dimmable          | Yes |
| Maximum dim level | 1%  |

### Mechanical and Housing

|                              |                         |
|------------------------------|-------------------------|
| Housing Color                | White                   |
| Ingress protection code      | IP20 [Finger-protected] |
| Mech. impact protection code | IK02 [0.2 J standard]   |

### Emergency Operation

|                    |                                        |
|--------------------|----------------------------------------|
| Central Emergency  | Yes                                    |
| Emergency lighting | DC operated central emergency lighting |

## Approval and Application

|                                                                 |                                             |
|-----------------------------------------------------------------|---------------------------------------------|
| Flammability mark                                               | For mounting on normally flammable surfaces |
| CE mark                                                         | Yes                                         |
| ENEC mark                                                       | ENEC plus mark                              |
| Flickering value (PstLM) - Flickering value as per EN 61000-3-3 | 1                                           |
| Stroboscopic effect visibility measure (SVM)                    | 0.4                                         |
| Ambient temperature range                                       | +10 to +40 °C                               |

## Initial Performance (IEC Compliant)

|                         |                      |
|-------------------------|----------------------|
| Luminous flux tolerance | +/-10%               |
| Initial chromaticity    | (0.38, 0.38) SDCM <3 |

## Light Technical

| Order Code   | Full Product Name                   | Luminous Flux | Luminous Efficacy (rated) (Nom) |
|--------------|-------------------------------------|---------------|---------------------------------|
| 910925867126 | SP340P 36S/940 DEIA PCS SMT L120 WH | 3,600 lm      | 138 lm/W                        |
| 910925867130 | SP342P 48S/940 DEIA PCS SMT L120 WH | 4,800 lm      | 141 lm/W                        |
| 910925867112 | SP342P 45S/940 DEIA MLO SMT L150 WH | 4,500 lm      | 112 lm/W                        |
| 910925867128 | SP340P 36S/940 DEIA MLO SMT L120 WH | 3,600 lm      | 95 lm/W                         |

## Operating and Electrical

| Order Code   | Full Product Name                   | Power Consumption |
|--------------|-------------------------------------|-------------------|
| 910925867126 | SP340P 36S/940 DEIA PCS SMT L120 WH | 26.5 W            |
| 910925867130 | SP342P 48S/940 DEIA PCS SMT L120 WH | 36 W              |
| 910925867112 | SP342P 45S/940 DEIA MLO SMT L150 WH | 42.5 W            |
| 910925867128 | SP340P 36S/940 DEIA MLO SMT L120 WH | 35 W              |

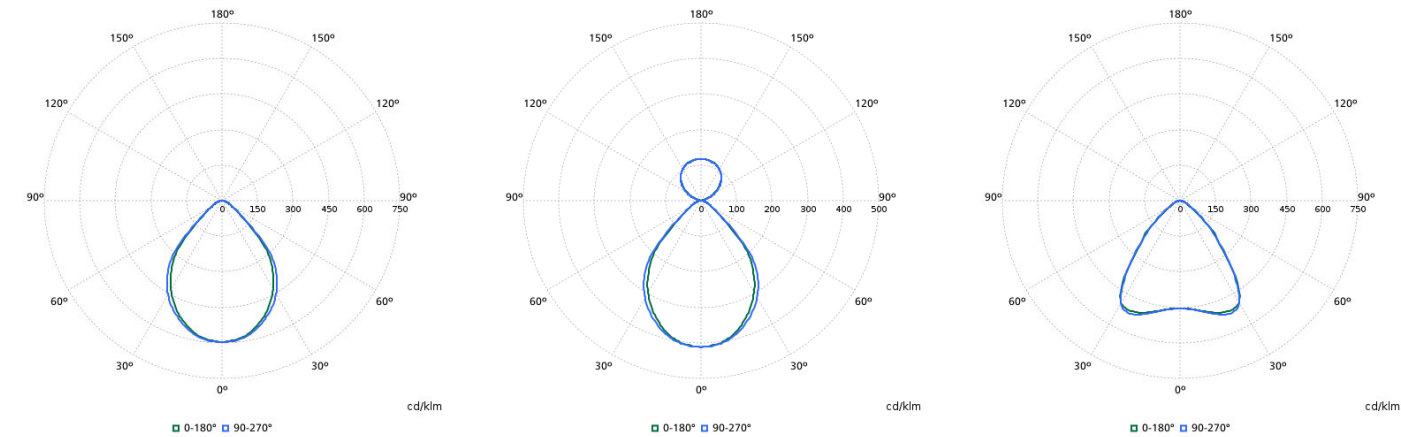
## Approval and Application

| Order Code   | Full Product Name                   | Glow-wire test                    |
|--------------|-------------------------------------|-----------------------------------|
| 910925867126 | SP340P 36S/940 DEIA PCS SMT L120 WH | Temperature 850 °C, duration 30 s |
| 910925867130 | SP342P 48S/940 DEIA PCS SMT L120 WH | Temperature 850 °C, duration 30 s |
| 910925867112 | SP342P 45S/940 DEIA MLO SMT L150 WH | Temperature 650 °C, duration 30 s |
| 910925867128 | SP340P 36S/940 DEIA MLO SMT L120 WH | Temperature 650 °C, duration 30 s |

Product Data

| Order Code   | Full Product Name                   | Product family code |
|--------------|-------------------------------------|---------------------|
| 910925867126 | SP340P 36S/940 DEIA PCS SMT L120 WH | SP340P              |
| 910925867130 | SP342P 48S/940 DEIA PCS SMT L120 WH | SP342P              |
| 910925867112 | SP342P 45S/940 DEIA MLO SMT L150 WH | SP342P              |
| 910925867128 | SP340P 36S/940 DEIA MLO SMT L120 WH | SP340P              |

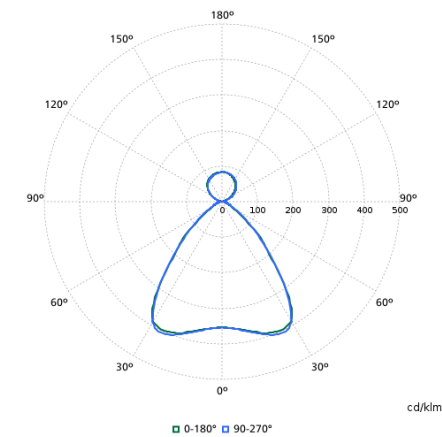
Polar normal diagrams



SM340CI - 910925867128

SM340CI - 910925867112

SM340CI - 910925867126



SM340CI - 910925867130

