



# TrueLine, suspended

## SP532P 47S/940 PSD SM2 L1410 ALU

SP532P | TrueLine DIRECT/INDIRECT OC, 34 W, 1410x55 mm; H88 mm, SM2, 4700 lm, 4000 K, CRI>90, DALI, UGR16

Architects need a lighting solution that matches the interior architecture of the space they are enhancing. They want a light line with elegant proportions and high light levels that offers maximum design freedom. Philips TrueLine is a flexible linear luminaire for indoor office applications that offers excellent quality with the promise of future-proof upgrades. Specifiers need luminaires that save energy, at the same time as providing the right level of light. TrueLine recessed meets both these sets of requirements. Not only is it compliant with the WELL Building Standard for Light, TrueLine surface is rated UGR<19, which is compliant with all office norms (OC). TrueLine also comes in surface and recess-mounted versions. All the luminaires in the family are available in different lengths, shapes, colors and light outputs. This offers the ultimate design flexibility and unlimited possibilities. TrueLine luminaires are also a sustainable, future-proof choice with high efficiency up to 140 lm/W and the option to upgrade to wireless connectivity and control.

### Warnings and Safety

- The product is IPX0 and, as such, is not protected against water ingress. Therefore, 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 and the product warranty will become void.

### Product data

| General Information      |        | Lighting Technology   |                          |
|--------------------------|--------|-----------------------|--------------------------|
| Light source replaceable | No     | Value ladder          | Specification            |
| Number of gear units     | 1 unit | Warranty period       | 5 years                  |
| Driver included          | Yes    | Sustainability rating | Lighting for circularity |
| Service tag              | Yes    |                       |                          |

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|                                    |                   |
|------------------------------------|-------------------|
| Light Technical                    |                   |
| Luminous Flux                      | 4,700 lm          |
| Saturated Red (R9)                 | >50               |
| Correlated Color Temperature (Nom) | 4000 K            |
| Luminous Efficacy (rated) (Nom)    | 138 lm/W          |
| Color rendering index (CRI)        | >90               |
| Beam angle of light source         | 120 degree(s)     |
| Light source color                 | 940 neutral white |
| Optic type                         | Wide beam         |
| Luminaire light beam spread        | 80°               |
| Unified glare rating CEN           | 16                |

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|--|---|
| Operating and Electrical                 |   |
| Input Voltage                            | 220 to 240 V                              |
| Line Frequency                           | 50 to 60 Hz                               |
| Inrush current                           | 19.4 A                                    |
| Inrush time                              | 200 ms                                    |
| Power Consumption                        | 34 W                                      |
| Power Factor (Fraction)                  | 0.9                                       |
| Connection                               | Push-in connector 5-pole                  |
| Cable                                    | Cable 1.5 m with push-in connector 5-pole |
| Number of products on MCB of 16 A type B | 18  |
| Suitable for random switching            | No  |
| Protection class IEC                     | Safety class I                            |

|                               |                                       |
|-------------------------------|---------------------------------------|
| Controls and Dimming          |                                       |
| Dimmable                      | Yes                                   |
| Driver/power unit/transformer | Power supply unit with DALI interface |
| Control interface             | DALI                                  |
| Constant light output         | No                                    |
| DALI Standard                 | DALI-2™                               |
| Maximum dim level             | 1%                                    |

|                                     |                                 |
|-------------------------------------|---------------------------------|
| Mechanical and Housing              |                                 |
| Housing Material                    | Aluminum                        |
| Reflector material                  | -                               |
| Optic material                      | -                               |
| Optical cover material              | Polymethyl methacrylate         |
| Fixation material                   | Stainless steel                 |
| Housing Color                       | Aluminum                        |
| Optical cover finish                | Frosted                         |
| Overall length                      | 1,409 mm                        |
| Overall width                       | 55 mm                           |
| Overall height                      | 88 mm                           |
| Dimensions (Height x Width x Depth) | 88 x 55 x 1409 mm               |
| Ingress protection code             | IP20 [Finger-protected]         |
| Mech. impact protection code        | IK02 [0.2 J standard]           |
| Mounting                            | Suspended Suspension set 2-wire |

|                    |          |
|--------------------|----------|
| Net Weight (Piece) | 4.100 kg |
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| Approval and Application  |  |
| Glow-wire test  | Temperature 650 °C, duration 30 s              |
| Flammability mark   | For mounting on normally flammable surfaces    |
| CE mark   | Yes  |
| ENEC mark   | ENEC mark                                      |
| Photobiological risk  | Photobiological risk group 1 @200mm to EN62778 |
| EU RoHS compliant   | Yes  |
| Performance ambient temperature Tq                              | 25 °C  |
| 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                                  |

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| Initial Performance (IEC Compliant)                    |                      |
| Luminous flux tolerance                                | +/-10%               |
| Initial chromaticity                                   | (0.38, 0.38) SDCM <3 |
| Power consumption tolerance                            | +/-10%               |
| Standard Deviation of Colour Matching (McAdam ellipse) | SDCM≤3               |

|  |        |
|--|--------|
| Over Time Performance (IEC Compliant)                    |        |
| Control gear failure rate at median useful life 50000 h  | 0.05 % |
| Control gear failure rate at median useful life 100000 h | 0.1 %  |
| Lumen maintenance at median useful life* 50000 h         | L90    |
| Lumen maintenance at median useful life* 100000 h        | L80    |

|                                 |                                      |
|---------------------------------|--------------------------------------|
| Product Data                    |                                      |
| Order product name              | SP532P 47S/940 PSD SM2 L1410 ALU     |
| Full product name               | SP532P 47S/940 PSD SM2 L1410 ALU     |
| Full product code               | 871951497254400                      |
| Order code                      | 910505103164                         |
| Material Nr. (12NC)             | 910505103164                         |
| Numerator - Quantity Per Pack   | 1                                    |
| EAN/UPC - Product/Case          | 8719514972544                        |
| Numerator - Packs per outer box | 1                                    |
| EAN/UPC - Case                  | 8719514972544                        |
| Product family code             | SP532P [TrueLine DIRECT/INDIRECT OC] |

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Dimensional drawing

