# TrueLine, surface mounted

## SM530C LED50S/940 PSD PI5 L1410 WH

TrueLine OC, 940 neutral white, Power supply unit with DALI interface, Push-in connector 5-pole, White RAL 9003

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<lt/>19, which is compliant with all office norms (OC). TrueLine also comes in suspended 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 | | Number of gear units | 1 unit |
|---|---|---|---|
| Light source replaceable | No | Driver included | Yes |

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| | |
|---|---|
| Product family code | SM530C [TrueLine OC] |
| Lighting Technology | LED |
| Value ladder | Specification |
| CE mark | Yes |
| Warranty period | 5 years |
| Flammability mark | For mounting on normally flammable surfaces |
| ENEC mark | ENEC mark |
| Glow-wire test | Temperature 650 °C, duration 30 s |
| EU RoHS compliant | Yes |

## Light Technical

| | |
|---|---|
| Luminous Flux | 5,000 lumen |
| Saturated Red (R9) | >50 |
| Correlated Color Temperature (Nom) | 4000 K |
| Luminous Efficacy (rated) (Nom) | 139 lm/W |
| Color rendering index (CRI) | >90 |
| Flickering value (PstLM) | 1 |
| Stroboscopic effect value (SVM) | 0.4 |
| 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 | 19 |

## Operating and Electrical

| | |
|---|---|
| Line Frequency | 50 to 60 Hz |
| Input Voltage | 220 to 240 V |
| Inrush current | 25 A |
| Inrush time | 230 ms |
| Power Consumption | 36 W |
| Power Factor (Fraction) | 0.9 |
| Connection | Push-in connector 5-pole |
| Cable | – |
| Number of products on MCB of 16 A type B | 21 |

## Temperature

| | |
|---|---|
| Ambient temperature range | +10 to +40 °C |

## Controls and Dimming

| | |
|---|---|
| Dimmable | Yes |
| Driver/power unit/transformer | Power supply unit with DALI interface |
| Control interface | DALI |
| Constant light output | No |

## Mechanical and Housing

| | |
|---|---|
| Housing Material | Aluminum |
| Reflector material | – |
| Optic material | – |

| | |
|---|---|
| Optical cover/lens material | Polymethyl methacrylate |
| Fixation material | Stainless steel |
| Housing Color | White RAL 9003 |
| Optical cover/lens 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 |

## Approval and Application

| | |
|---|---|
| Ingress protection code | IP20 [Finger-protected] |
| Mech. impact protection code | IK02 [0.2 J standard] |
| Sustainability rating | Lighting for circularity |
| Protection class IEC | Safety class I |
| Photobiological risk | Photobiological risk group 1 @200mm to EN62778 |

## Initial Performance (IEC Compliant)

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

## Over Time Performance (IEC Compliant)

| | |
|---|---|
| Control gear failure rate at median useful life 50000 h | 5 % |
| Lumen maintenance at median useful life* 50000 h | L90 |
| Lumen maintenance at median useful life* 100000 h | L80 |

## Application Conditions

| | |
|---|---|
| Maximum dim level | 1% |
| Performance ambient temperature Tq | 25 °C |
| Suitable for random switching | No |

## Product Data

| | |
|---|---|
| Full product code | 871951497219300 |
| Order product name | SM530C LED50S/940 PSD PI5 L1410 WH |
| Order code | 910505103226 |
| Numerator – Quantity Per Pack | 1 |
| Numerator – Packs per outer box | 1 |
| Material Nr. (12NC) | 910505103226 |
| Full product name | SM530C LED50S/940 PSD PI5 L1410 WH |
| EAN/UPC – Case | 8719514972193 |
| EAN/UPC – Product/Case | 8719514972193 |

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**Dimensional drawing**

88

1409

55

![Philips logo]

www.lighting.philips.com

2023, September 14 – data subject to change