



TrueLine, suspended

SP532P LED66S/830 PSD PI5 SM2 L1410 ALU

TrueLine DIRECT/INDIRECT OC - LED Module, system flux 6600 lm - 830 warm white - Power supply unit with DALI interface - Push-in connector 5-pole - Suspension set 2-wire - 1410 mm - Aluminum

Architects need a lighting solution that matches the interior architecture of the property they are working on. They want a light line with an elegant design and very high light levels. Specifiers need luminaires that enable them to save energy while at the same time providing the right level of light, in compliance with office lighting norms. TrueLine, suspended is able to meet both sets of requirements. TrueLine is also available in recessed and surface-mounted versions.

Product data

| General Information | | | |
|-------------------------------|---|----------------------|---|
| Number of light sources | 1 pc | Connection | Push-in connector 5-pole |
| Lamp family code | LED66S [LED Module, system flux 6600 lm] | Cable | Cable 1.7 m without plug 5-pole PVC silver |
| Light source color | 830 warm white | Protection class IEC | Safety class I |
| Cap-Base | - [-] | Mounting | Suspension set 2-wire |
| Light source replaceable | No | Standard RAL color | - |
| Number of gear units | 1 unit | Glow-wire test | Temperature 650 °C, duration 5 s |
| Gear | GRT [Gear tray (without gear)] | Flammability mark | For mounting on normally flammable surfaces |
| Driver/power unit/transformer | Power supply unit with DALI interface | Type description | Office compliant version |
| Driver included | Yes | CE mark | CE mark |
| Optic type | - | ENEC mark | ENEC plus mark |
| Optical cover/lens type | Polymethyl methacrylate bowl/cover | UL mark | - |
| Luminaire light beam spread | 100° | Warranty period | 5 years |
| Embedded control | - | Remarks | *-Per Lighting Europe guidance paper "Evaluating performance of LED based luminaires - January 2018": statistically there |
| Control interface | DALI | | |

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|--|---|
| | is no relevant difference in lumen maintenance between B50 and for example B10. Therefore the median useful life (B50) value also represents the B10 value. |
| Constant light output | No |
| Number of products on MCB of 16 A type B | 24 |
| RoHS mark | RoHS mark |
| WEEE mark | WEEE mark |
| Accessory PFC | N/A |
| Product family code | SP532P [TrueLine DIRECT/INDIRECT OC] |
| Unified glare rating CEN | 16 |

Operating and Electrical

| | |
|---------------------------|----------------|
| Input Voltage | 220 to 240 V |
| Input Frequency | 50 to 60 Hz |
| Control signal voltage | 0-16 V DC DALI |
| End CLO power consumption | - W |
| Inrush current | 19 A |
| Inrush time | 0.28 ms |
| Power Factor (Min) | 0.9 |

Controls and Dimming

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|----------|-----|
| Dimmable | Yes |
|----------|-----|

Mechanical and Housing

| | |
|-----------------------------|-------------------------|
| Housing Material | Aluminum |
| Reflector material | - |
| Optic material | - |
| Optical cover/lens material | Polymethyl methacrylate |
| Gear tray material | Steel |
| Fixation material | Stainless steel |
| Optical cover/lens finish | Frosted |
| Overall length | 1409 mm |
| Overall width | 55 mm |
| Overall height | 121 mm |
| Length | 1410 mm |
| Color | Aluminum |

Approval and Application

| | |
|------------------------------|------------------------|
| Ingress protection code | IP40 [Wire-protected] |
| Mech. impact protection code | IK02 [0.2 J standard] |

Initial Performance (IEC Compliant)

| | |
|-------------------------------------|----------------------|
| Initial luminous flux (system flux) | 6600 lm |
| Luminous flux tolerance | +/-10% |
| Initial LED luminaire efficacy | 125 lm/W |
| Init. Corr. Color Temperature | 3000 K |
| Init. Color Rendering Index | ≥80 |
| Initial chromaticity | (0.43, 0.40) SDCM <3 |
| Initial input power | 53 W |
| Power consumption tolerance | +/-10% |

Over Time Performance (IEC Compliant)

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|---|-----|
| Control gear failure rate at median useful life 50000 h | 5 % |
| Lumen maintenance at median useful life* 50000 h | L85 |

Application Conditions

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|------------------------------------|---------------|
| Ambient temperature range | +10 to +40 °C |
| Performance ambient temperature Tq | 25 °C |
| Maximum dim level | 1% |
| Suitable for random switching | No |

Product Data

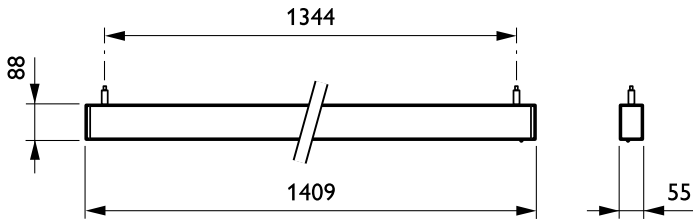
| | |
|---------------------------------|---|
| Full product code | 871869687431800 |
| Order product name | SP532P LED66S/830 PSD P15 SM2 L1410 ALU |
| EAN/UPC - Product | 8718696874318 |
| Order code | 910504100403 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 1 |
| Material Nr. (12NC) | 910504100403 |
| Net Weight (Piece) | 4.000 kg |

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

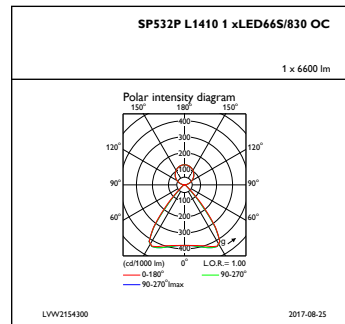
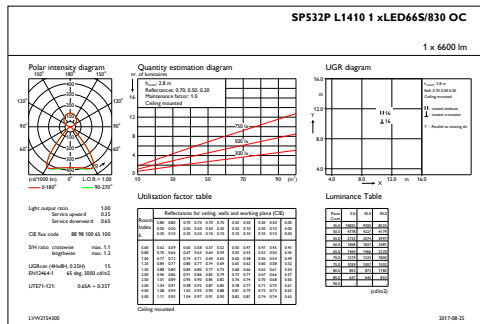
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Dimensional drawing



TrueLine suspended SP530P-SP533P

Photometric data



IFGU1_SP532PL14101xLED66S830OC

IFPC1_SP532PL14101xLED66S830OC

