PHILIPS Lighting



TrueLine, suspended

SP533P LED33S/830 PSD PI5 SM2 L1410 ALU

TrueLine DIRECT/INDIRECT NOC, LED module, system flux 3300 lm, 830 warm white, Power supply unit with DALI interface, Push-in connector 5-pole, 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 a recessed version.

Warnings and Safety

- The product is IPXO 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 | |
|--------------------------|---|
| Lamp family code | LED33S [LED module, system flux 3300 lm] |
| Cap-Base | - [-] |
| Light source replaceable | No |
| Number of gear units | 1 unit |
| Gear | GRT [Gear tray (without gear)] |
| Driver included | Yes |
| Remarks | *-Per Lighting Europe guidance paper |
| | "Evaluating performance of LED based |
| | luminaires - January 2018": statistically there |
| | |

| 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. |
| SP533P [TrueLine DIRECT/INDIRECT NOC] |
| LED |
| Specification |
| - |
| Yes |
| 5 years |
| - |

TrueLine, suspended

| Flammability mark | For mounting on normally flammable surfaces |
|--|---|
| ENEC mark | ENEC plus mark |
| Glow-wire test | Temperature 650 °C, duration 5 s |
| EU RoHS compliant | Yes |
| | 163 |
| Light Technical | |
| Luminous Flux | 3,300 lm |
| Correlated Color Temperature (Nom) | 3000 K |
| Luminous Efficacy (rated) (Nom) | 106 lm/W |
| Color rendering index (CRI) | >80 |
| Number of light sources | 1 |
| Light source color | 830 warm white |
| Optic type | - |
| Optical cover type | Polymethyl methacrylate bowl/cover |
| Luminaire light beam spread | 160° |
| Unified glare rating CEN | 22 |
| Sumer Brane Lating CE14 | |
| Operating and Electrical | |
| Input Voltage | 220 to 240 V |
| Line Frequency | 50 to 60 Hz |
| End CLO power consumption | - W |
| Inrush current | 19 A |
| Inrush time | 0.28 ms |
| Power Consumption | 31 W |
| Power Factor (Fraction) | 0.9 |
| Connection | |
| Cable | Push-in connector 5-pole |
| Number of products on MCB of 16 A type | Cable 1.7 m without plug 5-pole PVC silver |
| B | 24 |
| - | |
| Temperature | |
| Ambient temperature range | +10 to +40 °C |
| Anistent temperature lange | |
| Controls and Dimming | |
| Dimmable | Yes |
| Driver/power unit/transformer | Power supply unit with DALI interface |
| Control interface | DALI |
| Constant light output | No |
| constant ugit output | |
| Mechanical and Housing | |
| Housing Material | Aluminum |
| Reflector material | - |
| Optic material | |
| optic illateriat | - |

| Optical cover material | Polycarbonate |
|-------------------------------------|-----------------------|
| Fixation material | Stainless steel |
| Housing Color | Aluminum |
| Optical cover finish | Opal |
| Overall length | 1,409 mm |
| Overall width | 55 mm |
| Overall height | 121 mm |
| Dimensions (Height x Width x Depth) | 121 x 55 x 1409 mm |
| | |
| Approval and Application | |
| Ingress protection code | IP40 [Wire-protected] |
| Mech impact protection code | IK02 [0 2 standard] |

| Mech. impact protection code | IK02 [0.2 J standard] |
|------------------------------|-----------------------|
| Protection class IEC | Safety class I |
| | |

| Initial Performance (IEC Compliant) | |
|-------------------------------------|----------------------|
| Luminous flux tolerance | +/-10% |
| Initial chromaticity | (0.43, 0.40) SDCM <3 |

Power consumption tolerance

Numerator - Packs per outer box

EAN/UPC - Case

| Over Time Performance (IEC Compliant) | | | |
|---------------------------------------|------|--|--|
| Control gear failure rate at median | 5 % | | |
| useful life 50000 h | | | |
| Lumen maintenance at median useful | L85 | | |
| life* 50000 h | | | |
| | | | |
| Application Conditions | | | |
| Performance ambient temperature Tq | 25 ℃ | | |
| Maximum dim level | 1% | | |

+/-10%

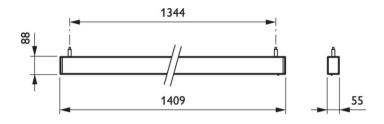
| Suitable for random switching | No |
|-------------------------------|---|
| | |
| Product Data | |
| Order product name | SP533P LED33S/830 PSD PI5 SM2 L1410 ALU |
| Full product name | SP533P LED33S/830 PSD PI5 SM2 L1410 ALU |
| Full product code | 871869687438700 |
| Order code | 87438700 |
| Material Nr. (12NC) | 910504101103 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8718696874387 |

1

8718696874387

TrueLine, suspended

Dimensional drawing





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