



# 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 - Aluminium

Architects need a lighting solution that matches the interior architecture of the property that 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 also providing the right level of light, in compliance with office-lighting regulations. TrueLine suspended is able to meet both sets of requirements. TrueLine is also available in recessed and surface-mounted versions.

### Product data

| General Information           |                                              | Connection           | Push-in connector 5-pole                                                     |
|-------------------------------|----------------------------------------------|----------------------|------------------------------------------------------------------------------|
| Number of light sources       | 1 [ 1 pc]                                    | Cable                | Cable 1.7 m without plug 5-pole PVC silver                                   |
| Lamp family code              | LED66S [ LED Module, system flux 6600 lm]    | Protection class IEC | Safety class I                                                               |
| Light source colour           | 830 warm white                               | Mounting             | SM2 [ Suspension set 2-wire]                                                 |
| Cap base                      | - [ -]                                       | Standard RAL colour  | -                                                                            |
| Light source replaceable      | No                                           | Glow-wire test       | Temperature 650 °C, duration 5 s                                             |
| Number of gear units          | 1 unit                                       | Flammability mark    | F [ For mounting on normally flammable surfaces]                             |
| Gear                          | Gear tray (without gear)                     | Type description     | OC [ Office compliant version]                                               |
| Driver/power unit/transformer | PSD [ Power supply unit with DALI interface] | CE mark              | CE mark                                                                      |
| Driver included               | Yes                                          | ENEC mark            | ENEC plus mark                                                               |
| Optic type                    | No [ -]                                      | UL mark              | No                                                                           |
| Optical cover/lens type       | PM [ PMMA bowl/cover]                        | Warranty period      | 5 years                                                                      |
| Luminaire light beam spread   | 100°                                         | Remarks              | *-Per Lighting Europe guidance paper<br>*Evaluating performance of LED based |
| Embedded control              | No [ -]                                      |                      |                                                                              |
| Control interface             | DALI                                         |                      |                                                                              |

## TrueLine, suspended

|                           |                                                                                                                                                                                                            |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                           | luminaire - 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. |
| Constant light output     | No                                                                                                                                                                                                         |
| Number of products on MCB | 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

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

### Mechanical and Housing

|                             |                         |
|-----------------------------|-------------------------|
| Housing material            | Aluminium               |
| 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                 |

### 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          | 6600 lm              |
| Luminous flux tolerance        | +/-10%               |
| Initial LED luminaire efficacy | 125 lm/W             |
| Init. Corr. colour temperature | 3000 K               |
| Init. colour 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)

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

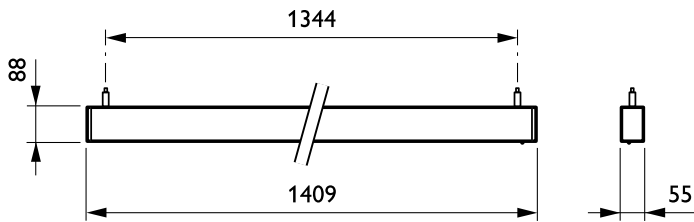
### Application Conditions

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

### Product Data

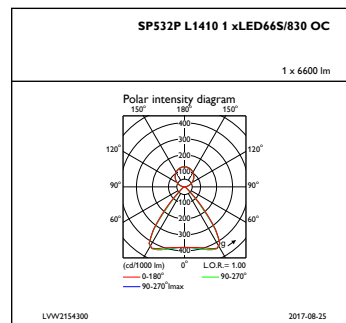
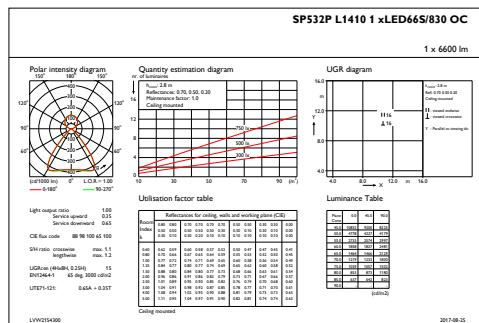
|                                 |                                         |
|---------------------------------|-----------------------------------------|
| Full product code               | 871869687431800                         |
| Order product name              | SP532P LED66S/830 PSD PI5 SM2 L1410 ALU |
| EAN/UPC – product               | 8718696874318                           |
| Order code                      | 87431800                                |
| Numerator – quantity per pack   | 1                                       |
| Numerator – packs per outer box | 1                                       |
| Material no. (12NC)             | 910504100403                            |
| Net weight (piece)              | 4.000 kg                                |

## Dimensional drawing



### TrueLine suspended SP530P-SP533P

## Photometric data



## IFGU1\_SP532PL14101xLED66S8300C

## IFPC1\_SP532PL14101xLED66S8300C

