



# LumiStone

## SP520P/SP522P/ SP524P/SP526P

### SP520P 2xLED15S/840 PSD-E SMTT WH

Dual mod. Suspension set D, 2, LED module, system flux 1500 lm, 840 neutral white, Power supply unit with DALI interface external, White

Customers within the office, retail and hospitality sectors want to create spaces with a pleasant and inviting atmosphere. Luminaires with an appealing design and top-notch performance play a pivotal role in achieving this. LumiStone is a LED luminaire consisting of two smaller ellipses rather than the traditional single voluminous piece. The ellipses have soft curvatures and resemble smooth stones found in nature. The flexible light effects created with direct and indirect light make LumiStone the perfect choice for inspiring lighting designs. Thanks to its cutting-edge LED technology, LumiStone is also highly energy-efficient, delivering immediate savings on operational costs. A range of innovative mounting options make LumiStone extremely versatile in application.

#### Product data

| General Information      |  | Remarks   |
|--------------------------|--|---|
| Lamp family code         | LED15S [LED module, system flux 1500 lm] | *- According to the Lighting Europe guidance paper 'Evaluating performance of LED based luminaires – January 2018': statistically there is no relevant difference in lumen maintenance between the B50 and, for example, the B10. Therefore, the median |
| Cap base                 | - [-]                                    |   |
| Light source replaceable | No                                       |   |
| Number of gear units     | Unit                                     |   |
| Driver included          | Yes                                      |   |

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|                     |  |
|---------------------|--|
|                     | useful life (B50) value also represents the B10 value. |
| Product family code | SP520P [Dual mod. Suspension set D]                    |
| Lighting Technology | LED  |
| CE mark             | Yes  |
| Warranty period     | 5 years  |
| Flammability mark   | For mounting on normally flammable surfaces            |
| ENEC mark           | ENEC plus mark   |
| Glow-wire test      | Temperature 850 °C, duration 5 s                       |
| EU RoHS compliant   | Yes  |

### Light Technical

|                                  |                   |
|----------------------------------|-------------------|
| Luminous Flux                    | 3,000 lm          |
| Correlated Colour Temperature    | 4000 K            |
| Luminous efficacy (rated) (nom.) | 133 lm/W          |
| Colour rendering index (CRI)     | ≥80               |
| Number of light sources          | 2                 |
| Beam angle of light source       | - degree(s)       |
| Light source colour              | 840 neutral white |
| Optic type                       | -                 |
| Luminaire light beam spread      | 124°              |
| Unified Glare Rating (CEN)       | Not applicable    |

### Operating and Electrical

|  |                          |
|--|--------------------------|
| Input Voltage                            | 220-240 V                |
| Line Frequency                           | 50 to 60 Hz              |
| Inrush current                           | 48 A                     |
| Inrush time                              | 0.180 ms                 |
| Power Consumption                        | 22.5 W                   |
| Power Factor (Fraction)                  | 0.9                      |
| Connection                               | Push-in connector 3-pole |
| Cable                                    | Cable 2.1 m without plug |
| Number of products on MCB of 16 A type B | 20                       |

### Temperature

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

### Controls and Dimming

|                               |  |
|-------------------------------|--|
| Dimmable                      | Yes  |
| Driver/power unit/transformer | Power supply unit with DALI interface external |
| Control interface             | DALI   |

|                       |    |
|-----------------------|----|
| Constant light output | No |
|-----------------------|----|

### Mechanical and Housing

|                                     |                    |
|-------------------------------------|--------------------|
| Housing material                    | Polycarbonate      |
| Reflector material                  | Polycarbonate      |
| Optic material                      | -                  |
| Optical cover/lens material         | Polycarbonate      |
| Fixation material                   | Stainless steel    |
| Housing Colour                      | White              |
| Optical cover/lens finish           | Matte              |
| Overall length                      | 1,510 mm           |
| Overall width                       | 334 mm             |
| Overall height                      | 75 mm              |
| Dimensions (height x width x depth) | 75 x 334 x 1510 mm |

### Approval and Application

|                              |                         |
|------------------------------|-------------------------|
| Ingress protection code      | IP20 [Finger-protected] |
| 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        | (0.38, 0.38) SDCM <3 |
| Power consumption tolerance | +/-10%               |

### Application Conditions

|                                    |       |
|------------------------------------|-------|
| Performance ambient temperature Tq | 25 °C |
| Maximum dim level                  | 1%    |
| Suitable for random switching      | Yes   |

### Product Data

|                                   |                                   |
|-----------------------------------|-----------------------------------|
| Order product name                | SP520P 2xLED15S/840 PSD-E SMTT WH |
| Full product name                 | SP520P 2xLED15S/840 PSD-E SMTT WH |
| Full EOC                          | 871794391842300                   |
| Order code                        | 91842300                          |
| Material no. (12 NC)              | 910504079803                      |
| SAP numerator – quantity per pack | 1                                 |
| EAN/UPC – Product/Case            | 8717943918423                     |
| Numerator – packs per outer box   | 1                                 |
| EAN/UPC – Case                    | 8717943918423                     |

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### Dimensional drawing

