



SmartBalance Suspended, SpaceWise

SP480P LED35S/840 PSD ACC-MLO SWZ SM2

SmartBalance Suspended Mounted, LED Module, system flux 3500 lm, 840 neutral white, Power supply unit with DALI interface, Acrylate micro-lens optic clear, SpaceWise enabled

With Philips SpaceWise, customers can enjoy the very real benefits of controls – e.g. energy savings, visual comfort and personal control – without having to create a wired infrastructure.

Product data

| General Information | | | |
|--------------------------|--|---------------------|---|
| Lamp family code | LED35S [LED Module, system flux 3500 lm] | Service tag | Yes |
| Cap-Base | - [-] | Product family code | SP480P [SmartBalance Suspended Mounted] |
| Light source replaceable | No | Lighting Technology | LED |
| Number of gear units | 1 unit | Glow-wire test | Temperature 650 °C, duration 5 s |
| Gear | - | Flammability mark | For mounting on normally flammable surfaces |
| Driver included | Yes | CE mark | 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. | ENEC mark | ENEC plus mark |
| | | Warranty period | 5 years |
| | | EU RoHS compliant | Yes |
| | | Embedded control | SpaceWise enabled |
| | | Light Technical | |
| | | Luminous Flux | 3,500 lm |

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| | |
|------------------------------------|---------------------------------|
| Correlated Color Temperature (Nom) | 4000 K |
| Luminous Efficacy (rated) (Nom) | 111 lm/W |
| Color rendering index (CRI) | >80 |
| Number of light sources | 1 |
| Beam angle of light source | - degree(s) |
| Light source color | 840 neutral white |
| Optic type | - |
| Optical cover type | Acrylate micro-lens optic clear |
| Luminaire light beam spread | 100° |
| Unified glare rating CEN | 16 |

Operating and Electrical

| | |
|--|---------------------------------------|
| Input Voltage | 220 to 240 V |
| Line Frequency | 50 to 60 Hz |
| Inrush current | 48 A |
| Inrush time | 0.180 ms |
| Power Consumption | 31.5 W |
| Power Factor (Fraction) | 0.9 |
| Connection | Push-in connector 3-pole |
| Cable | Cable 1.7 m without plug 5-pole white |
| 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 |
| Control interface | DALI |
| Constant light output | No |

Mechanical and Housing

| | |
|------------------------|---------------|
| Housing Material | Polycarbonate |
| Reflector material | - |
| Optic material | - |
| Optical cover material | Acrylate |
| Fixation material | Steel |
| Housing Color | White |
| Optical cover finish | Textured |

| | |
|-------------------------------------|--------------------|
| Overall length | 1,340 mm |
| Overall width | 240 mm |
| Overall height | 50 mm |
| Dimensions (Height x Width x Depth) | 50 x 240 x 1340 mm |

Approval and Application

| | |
|------------------------------|-----------------------|
| Ingress protection code | IP40 [Wire-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% |

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

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

Product Data

| | |
|---------------------------------|---------------------------------------|
| Order product name | SP480P LED35S/840 PSD ACC-MLO SWZ SM2 |
| Full product name | SP480P LED35S/840 PSD ACC-MLO SWZ SM2 |
| Full product code | 871869907133200 |
| Order code | 910504109603 |
| Material Nr. (12NC) | 910504109603 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8718699071332 |
| Numerator - Packs per outer box | 1 |
| EAN/UPC - Case | 8718699071332 |

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Dimensional drawing

