



SmartBalance, suspended

SP480P LED35S/840 PSD ACC-MLO SM2

SmartBalance Suspended Mounted - LED Module, system flux 3500 lm - 840 neutral white - Power supply unit with DALI interface - Acrylate micro-lens optic clear - Suspension set 2-wire

Although in many cases the functional lighting performance is key, customers are also keen to apply luminaires that are attractive and/or unobtrusive. Especially in applications where luminaires need to be surface-mounted or suspended, it can be difficult to satisfy both these requirements. SmartBalance is clearly the next step in surface-mounted and suspended luminaires for the specification market. It not only offers increased energy efficiency, but is also visually appealing without being intrusive. And its design helps to minimise clutter on the ceiling and meets all relevant office norms.

Product data

| General Information | | |
|-------------------------------|---|---|
| Number of light sources | 1 [1 pc] | |
| Lamp family code | LED35S [LED Module, system flux 3500 lm] | |
| Beam angle of light source | ~ ° | |
| Light source colour | 840 neutral white | |
| Cap base | - [-] | |
| Light source replaceable | No | |
| Number of gear units | 1 unit | |
| Gear | - | |
| Driver/power unit/transformer | PSD [Power supply unit with DALI interface] | |
| Driver included | Yes | |
| Optic type | | No [-] |
| Optical cover/lens type | | ACC-MLO [Acrylate micro-lens optic clear] |
| Luminaire light beam spread | | 100° |
| Emergency lighting | | No [-] |
| Embedded control | | No [-] |
| Control interface | | DALI |
| Connection | | PI [Push-in connector 3-pole] |
| Cable | | Cable 1.7 m without plug 5-pole white |
| Protection class IEC | | Safety class I (I) |
| Mounting | | SM2 [Suspension set 2-wire] |
| Glow-wire test | | 650/5 [Temperature 650 °C, duration 5 s] |

SmartBalance, suspended

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|---------------------------|--|
| Flammability mark | F [For mounting on normally flammable surfaces] |
| CE mark | CE mark |
| ENEC mark | ENEC plus mark |
| UL mark | No |
| Warranty period | 5 years |
| Constant light output | No |
| Number of products on MCB | 20 |
| RoHS mark | RoHS mark |
| Accessory PFC | N/A |
| Product Family Code | SP480P [SmartBalance Suspended Mounted] |

Operating and Electrical

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|------------------------|----------------|
| Input voltage | 220 to 240 V |
| Input frequency | 50 to 60 Hz |
| Control signal voltage | 0-16 V DC DALI |
| Inrush current | 48 A |
| Inrush time | 0.180 ms |
| Power factor (min.) | 0,9 |

Controls and Dimming

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|----------|-----|
| Dimmable | Yes |
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Mechanical and Housing

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|-----------------------------|--|
| Geometry | W24L134 [Width 0.24 m, length 1.34 m] |
| Housing material | Polycarbonate |
| Reflector material | - |
| Optic material | - |
| Optical cover/lens material | Acrylate |
| Gear tray material | Steel |
| Fixation material | Steel |
| Optical cover/lens finish | Textured |
| Overall length | 1340 mm |
| Overall width | 240 mm |
| Overall height | 50 mm |

Approval and Application

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|-------------------------|------------------------|
| Ingress protection code | IP40 [Wire-protected] |
|-------------------------|------------------------|

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|--|------------------------|
| Mech. Impact protection code | IK02 [0.2 J standard] |
| Initial Performance (IEC Compliant) | |
| Initial luminous flux | 3500 lm |
| Luminous flux tolerance | +/-10% |
| Initial LED luminaire efficacy | 109 lm/W |
| Init. Corr. colour temperature | 4000 K |
| Init. colour rendering index | >80 |
| Initial chromaticity | (0.38, 0.38) SDCM <3 |
| Initial input power | 32 W |
| Power consumption tolerance | +/-10% |

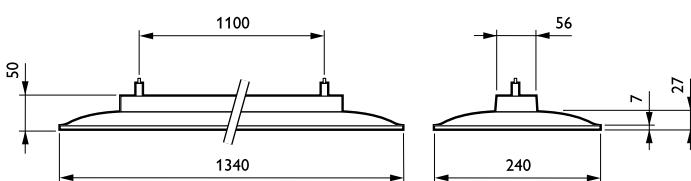
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|--|---------|
| Over Time Performance (IEC Compliant) | |
| Driver failure rate at 5,000 hours | 1 % |
| Median useful life L70B50 | 70000 h |
| Median useful life L80B50 | 50000 h |
| Median useful life L90B50 | 25000 h |

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

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|---------------------------------|-----------------------------------|
| Product Data | |
| Full product code | 871829126757700 |
| Order product name | SP480P LED35S/840 PSD ACC-MLO SM2 |
| EAN/UPC – product | 8718291267577 |
| Order code | 26757700 |
| Numerator – quantity per pack | 1 |
| Numerator – packs per outer box | 1 |
| Material no. (12NC) | 910504083703 |
| Net weight (piece) | 4.500 kg |



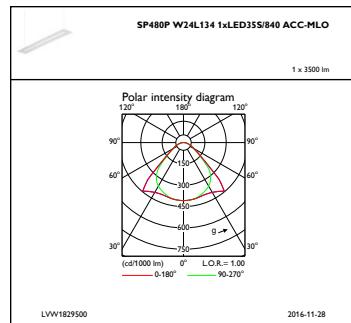
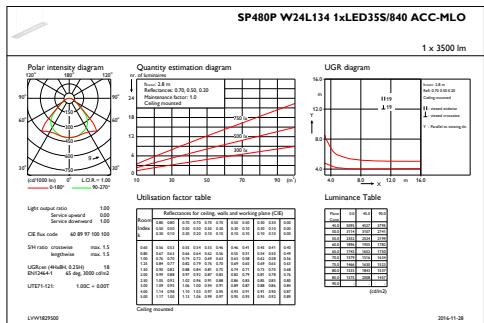
Dimensional drawing



SmartBalance SP480P/SP482P

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Photometric data



IFGU1_SP480PW24L1341xLED35S840ACC-MLO

IFPC1_SP480PW24L1341xLED35S840ACC-MLO

