



SmartForm LED BPS460

BPS460 LED24/840 PSD W22L124 MLO-PC SMT1

SmartForm suspended BPS460, LED Module 2400 lm, 840 neutral white, Power supply unit with DALI interface, Micro-lens optic in polycarbonate cover

We all feel and perform better in a pleasant, comfortable working environment. Designed for use in offices, shops and schools, the SmartForm family of suspended luminaires combines best-in-class lighting with a clean, distinctive design. These ultra-flat luminaires are available with a choice of MASTER TL5, TL5 ECO or LED light sources in rectangular and square versions with direct/indirect lighting combinations. They can also be used to form light-lines and structures. With its wide choice of very efficient and comfortable micro-optics and covers, SmartForm suspended provides the ideal solution for every situation. Lighting controls can be added for further energy saving.

Product data

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|--------------------------|---|---|---|
| General Information | | | |
| Lamp family code | LED24 [LED Module 2400 lm] | B10. Therefore, the median useful life (B50) value also represents the B10 value. | |
| Light source replaceable | No | Product family code | BPS460 [SmartForm suspended BPS460] |
| Number of gear units | 1 unit | Lighting Technology | LED |
| Driver included | Yes | Embedded control | - |
| 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 | CE mark | Yes |
| | | Warranty period | 5 years |
| | | Flammability mark | For mounting on normally flammable surfaces |
| | | ENEC mark | ENEC mark |
| | | Glow-wire test | Temperature 850 °C, duration 5 s |

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| EU RoHS compliant | Yes |
| Light Technical | |
| Luminous Flux | 2,000 lm |
| Correlated Color Temperature (Nom) | 4000 K |
| Luminous Efficacy (rated) (Nom) | 93 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 | Micro-lens optic in polycarbonate cover |
| Luminaire light beam spread | 120° |
| Unified glare rating CEN | Not applicable |
| Operating and Electrical | |
| Input Voltage | 220 to 240 V |
| Line Frequency | 50 to 60 Hz |
| Inrush current | 48 A |
| Inrush time | 1 ms |
| Power Consumption | 21.5 W |
| Power Factor (Fraction) | 0.95 |
| Connection | Connection unit 5-pole |
| Cable | - |
| 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 | Steel |
| Reflector material | - |
| Optic material | - |

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| Optical cover material | Polycarbonate |
| Fixation material | Stainless steel |
| Housing Color | White |
| Optical cover finish | Textured |
| Overall length | 1,240 mm |
| Overall width | 217 mm |
| Overall height | 56 mm |
| Dimensions (Height x Width x Depth) | 56 x 217 x 1240 mm |
| Parts color | - |
| Approval and Application | |
| Ingress protection code | IP40 [Wire-protected] |
| Mech. impact protection code | IK07 [2 J reinforced] |
| 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 | No |
| Product Data | |
| Order product name | BPS460 LED24/840 PSD W22L124 MLO-PC SMT1 |
| Full product name | BPS460 LED24/840 PSD W22L124 MLO-PC SMT1 |
| Full product code | 871794391554500 |
| Order code | 91554500 |
| Material Nr. (12NC) | 910504078003 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8717943915545 |
| Numerator - Packs per outer box | 1 |
| EAN/UPC - Case | 8717943915545 |

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Dimensional drawing

