



Emergency downlight EM120B

EM120B LED2S EL3 WH

Emergency lighting 3 hours duration Pro version, White

Polycarbonate, White, Power supply unit (On/Off), 180 lm, 4 W, 90 lm/W, 5000 K, (0.34, 0.35) SDCM<3, Very wide beam, Clear, Polycarbonate, IP20 | Finger-protected, IK02 | 0.2 J standard, Safety class II, Push-in connector 2-pole, Emergency lighting 3 hours duration Pro version

Product data

| General Information | | Unified glare rating CEN | |
|------------------------------------|-------------------|--|--------------------------|
| Light source replaceable | No | | 22 |
| Number of gear units | 1 unit | Operating and Electrical | |
| Driver included | Yes | Input Voltage | 220 to 240 V |
| Service tag | No | Line Frequency | 50 to 60 Hz |
| Lighting Technology | LED | Initial CLO power consumption | - W |
| Mounting | Recessed | Average CLO power consumption | 4 W |
| Warranty period | 3 years | Inrush current | 8.7 A |
| | | Inrush time | 125 ms |
| Light Technical | | Power Consumption | 4 W |
| Luminous Flux | 180 lm | Power Factor (Fraction) | 0.9 |
| Correlated Color Temperature (Nom) | 5000 K | Connection | Push-in connector 2-pole |
| Luminous Efficacy (rated) (Nom) | 90 lm/W | Cable | - |
| Color rendering index (CRI) | >70 | Number of products on MCB of 16 A type B | 40 |
| Beam angle of light source | 105 degree(s) | Suitable for random switching | No |
| Light source color | 750 neutral white | Protection class IEC | Safety class II |
| Optic type | Very wide beam | | |
| Luminaire light beam spread | 105° | | |

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| Controls and Dimming | |
|---|---|
| Dimmable | No |
| Driver/power unit/transformer | Power supply unit (On/Off) |
| Control interface | - |
| Constant light output | No |
| Maximum dim level | Not applicable |
| Mechanical and Housing | |
| Housing Material | Polycarbonate |
| Reflector material | - |
| Optic material | Polycarbonate |
| Optical cover material | Polycarbonate |
| Fixation material | - |
| Housing Color | White |
| Optical cover finish | Clear |
| Overall length | 620 mm |
| Overall width | 33 mm |
| Overall height | 45 mm |
| Overall diameter | 80 mm |
| Dimensions (Height x Width x Depth) | 45 x 33 x 620 mm |
| Ingress protection code | IP20 [Finger-protected] |
| Mech. impact protection code | IK02 [0.2 J standard] |
| Net Weight (Piece) | 0.335 kg |
| Emergency Operation | |
| Rated duration of the emergency lighting (when fully charged) | 3 hour(s) |
| Central Emergency | No |
| Emergency lighting | Emergency lighting 3 hours duration Pro version |
| Emergency function testing method | Manual / Test button |
| Emergency lighting operation mode | Non-maintained |
| Approval and Application | |
| Glow-wire test | - |
| Flammability mark | - |
| CE mark | Yes |
| ENEC mark | - |
| EU RoHS compliant | Yes |
| Performance ambient temperature Tq | 25 °C |

| Flickering value (PstLM) - Flickering value as per EN 61000-3-3 | 1 |
|---|--|
| Stroboscopic effect visibility measure (SVM) | 1.6 |
| Ambient temperature range | 0 to +40 °C |
| Initial Performance (IEC Compliant) | |
| Luminous flux tolerance | +/-10% |
| Initial chromaticity | (0.34, 0.35) SDCM<3 |
| Power consumption tolerance | +/-10% |
| Standard Deviation of Colour Matching (McAdam ellipse) | SDCM≤3 |
| Over Time Performance (IEC Compliant) | |
| Driver failure rate at 5000 h | 0.8 % |
| Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h | L70 |
| Sustainability Data | |
| Sustainability rating | Unclassified |
| Repair class | Repair Class D, this product is not designed to be repaired. |
| Non-virgin material ratio of the packaging | Cardboard > 80% recycled Plastic >35% recycled |
| Packaging Recyclable content ratio | Cardboard recycling rate > 80% Plastic recycling rate > 40% |
| Packaging Material | Cardboard Plastic |
| Product Data | |
| Order product name | EM120B LED2S EL3 WH |
| Full product name | EM120B LED2S EL3 WH |
| Full product code | 871869979146999 |
| Order code | 912401483241 |
| Material Nr. (12NC) | 912401483241 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8718699791469 |
| Numerator - Packs per outer box | 20 |
| EAN/UPC - Case | 8718699791506 |

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Dimensional drawing

