

Maxos fusion

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|---------------------------------|-------------------|
| Luminous Efficacy (rated) (Nom) | 160 lm/W |
| Color rendering index (CRI) | >80 |
| Flickering value (PstLM) | 1 |
| Stroboscopic effect value (SVM) | 0.4 |
| Beam angle of light source | 120 degree(s) |
| Light source color | 840 neutral white |
| Optic type | Medium beam |
| Luminaire light beam spread | 66° x 80° |
| Unified glare rating CEN | 25 |

Operating and Electrical

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|--|------------------------|
| Line Frequency | 50 to 60 Hz |
| Input Voltage | 220-240 V |
| Inrush current | 21 A |
| Inrush time | 0.28 ms |
| Power Consumption | 50 W |
| Power Factor (Fraction) | 0.97 |
| Connection | Connection unit 7-pole |
| Cable | - |
| Number of products on MCB of 16 A type B | 24 |

Temperature

| | |
|---------------------------|---------------|
| Ambient temperature range | -20 to +35 °C |
|---------------------------|---------------|

Controls and Dimming

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|-------------------------------|---------------------------------------|
| Dimmable | Yes |
| Driver/power unit/transformer | Power supply unit with DALI interface |
| Control interface | DALI |
| Constant light output | No |

Mechanical and Housing

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

| | |
|-------------------------------------|-------------------|
| Overall length | 1,138 mm |
| Overall width | 62 mm |
| Overall height | 14 mm |
| Dimensions (Height x Width x Depth) | 14 x 62 x 1138 mm |

Approval and Application

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|------------------------------|--------------------------|
| Ingress protection code | IP20 [Finger-protected] |
| Mech. impact protection code | IK02 [0.2 J standard] |
| Sustainability rating | Lighting for circularity |
| Protection class IEC | Safety class I |

Initial Performance (IEC Compliant)

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|-----------------------------|----------------------|
| Initial chromaticity | (0.34, 0.35) SDCM <3 |
| Luminous flux tolerance | +/-7% |
| Power consumption tolerance | +/-11% |

Over Time Performance (IEC Compliant)

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|---|------|
| Control gear failure rate at median useful life | 5 % |
| 50000 h | |
| Control gear failure rate at median useful life | 10 % |
| 100000 h | |
| Lumen maintenance at median useful life* | L95 |
| 50000 h | |
| Lumen maintenance at median useful life* | L85 |
| 100000 h | |

Product Data

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|---------------------------------|----------------------------------|
| Full product code | 871951473790700 |
| Order product name | LL512X LED80S/840 SIA MB 7 WH HE |
| Order code | 910925868984 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 1 |
| Material Nr. (12NC) | 910925868984 |
| Full product name | LL512X LED80S/840 SIA MB 7 WH HE |
| EAN/UPC - Case | 8719514737907 |

Dimensional drawing



