



Maxos LED inserts for TTX400

4MX400 581 LED80S/840 PSD NB WH

Maxos LED Retrofit for TTX400, LED Module, system flux 8000 lm, 840 neutral white, Power supply unit with DALI interface, Narrow beam. White

Customers in the industrial and retail sectors are looking for general lighting solutions with a justifiable payback, while meeting all relevant norms for supermarkets and industry applications. For a limited investment, Maxos LED inserts for TTX400 offer best-in-class energy savings while delivering high lux levels at the required colour temperatures and glare factors. The minimalistic Maxos LED Industry 4MX400 panel inserts for TTX400 comprise exchangeable mid-power LED boards to be mounted on a standard TTX400 trunking rail. A choice of wide, medium and double asymmetric beam lenses means flexibility in light distribution. Compared with a conventional fluorescent installation, this highly efficient LED solution offers full payback in less than three years. And the benefits keep coming: our upgradable LED engine platform makes Maxos LED Industry 4MX400 panel inserts for TTX400 a truly future-proof solution.

Product data

| General Information | | |
|--------------------------|---|--|
| Lamp family code | LED80S [LED Module, system flux 8000 lm] | |
| Light source replaceable | No | |
| Number of gear units | Unit | |
| Gear | - | |
| Driver included | Yes | |
| Remarks | *- According to the Lighting Europe | |
| | guidance paper 'Evaluating performance of | |

| | LED based luminaires – January 2018': |
|---------------------|--|
| | statistically there is no relevant difference in |
| | lumen maintenance between the B50 and, |
| | for example, the B10. Therefore, the median |
| | useful life (B50) value also represents the |
| | B10 value. |
| Product family code | 4MX400 [Maxos LED Retrofit for TTX400] |
| Lighting Technology | LED |

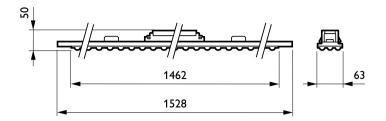
Datasheet, 2023, April 15 data subject to change

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| Value ladder | Performance | Fixation material | Steel |
|--|---------------------------------------|--|---------------------------------|
| CE mark | Yes | Housing Colour | White |
| Warranty period | 5 years | Optical cover/lens finish | Clear |
| Flammability mark | | Overall length | 1,528 mm |
| ENEC mark | ENEC mark | Overall width | 63 mm |
| Glow-wire test | Temperature 650 °C, duration 30 s | Overall height | 50 mm |
| EU RoHS compliant | Yes | Dimensions (height x width x depth) | 50 x 63 x 1528 mm |
| | | | |
| Light Technical | | Approval and Application | |
| Luminous Flux | 8,000 lm | Ingress protection code | IP20 [Finger-protected] |
| Correlated Colour Temperature | 4000 K | Mech. impact protection code | IKO2 [0.2 J standard] |
| Luminous efficacy (rated) (nom.) | 166 lm/W | Sustainability rating | |
| Colour rendering index (CRI) | ≥80 | Protection class IEC | Safety class I |
| Number of light sources | 1 | | |
| Beam angle of light source | 120 degree(s) | Initial Performance (IEC Compliant) | |
| Light source colour | 840 neutral white | Luminous flux tolerance | +/-10% |
| Optic type | Narrow beam | Initial chromaticity | (0.38, 0.38) SDCM <3.5 |
| Optical cover type | Polymethyl methacrylate bowl/cover | Power consumption tolerance | +/-10% |
| Luminaire light beam spread | 50° | | |
| Unified Glare Rating (CEN) | Not applicable | Over Time Performance (IEC Complia | ant) |
| | | Control gear failure rate at median useful | 5 % |
| Operating and Electrical | | life 50,000 h | |
| Input Voltage | 220-240 V | Control gear failure rate at median useful | 10 % |
| Line Frequency | 50 to 60 Hz | life 100,000 h | |
| Inrush current | 21 A | Lumen maintenance at median useful life* | L90 |
| Inrush time | 0.28 ms | 50,000 h | |
| Power Consumption | 48 W | Lumen maintenance at median useful life* | L80 |
| Power Factor (Fraction) | 0.97 | 100,000 h | |
| Connection | Connection unit 5-pole | | |
| Cable | - | Application Conditions | |
| Number of products on MCB of 16 A type E | 3 24 | Performance ambient temperature Tq | 25 °C |
| | | Maximum dim level | 1% |
| Temperature | | Suitable for random switching | Not applicable |
| Ambient temperature range | -20 to +35 °C | | |
| | | Product Data | |
| Controls and Dimming | | Order product name | 4MX400 581 LED80S/840 PSD NB WH |
| Dimmable | Yes | Full product name | 4MX400 581 LED80S/840 PSD NB WH |
| Driver/power unit/transformer | Power supply unit with DALI interface | Full EOC | 403073267275299 |
| Control interface | DALI | Order code | 67275299 |
| Constant light output | No | Material no. (12 NC) | 910629166826 |
| | | SAP numerator – quantity per pack | 1 |
| Mechanical and Housing | | EAN/UPC — Product/Case | 4030732672752 |
| Housing material | Steel | Numerator – packs per outer box | 3 |
| Reflector material | - | EAN/UPC - Case | 4030732273683 |
| Optic material | Polymethyl methacrylate | | |
| Optical cover/lens material | Polymethyl methacrylate | | |
| | | | |

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Dimensional drawing





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