



Maxos LED inserts for TTX400

4MX400 581 LED40S/830 PSD WB WH

Maxos LED Retrofit for TTX400, LED module, system flux 4000 lm, 830 warm white, Power supply unit with DALI interface, Wide 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 | | 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. | |
|--------------------------|--|--|--|
| Lamp family code | LED40S [LED module, system flux 4000 lm] | Product family code | 4MX400 [Maxos LED Retrofit for TTX400] |
| Light source replaceable | No | Lighting Technology | LED |
| Number of gear units | Unit | | |
| Gear | - | | |
| Driver included | Yes | | |
| Remarks | * - According to the Lighting Europe guidance paper 'Evaluating performance of | | |

Maxos LED inserts for TTX400

| | |
|-------------------|-----------------------------------|
| Value ladder | Performance |
| CE mark | Yes |
| Warranty period | 5 years |
| Flammability mark | - |
| ENEC mark | ENEC mark |
| Glow-wire test | Temperature 650 °C, duration 30 s |
| EU RoHS compliant | Yes |

Light Technical

| | |
|----------------------------------|------------------------------------|
| Luminous Flux | 3,800 lm |
| Correlated Colour Temperature | 3000 K |
| Luminous efficacy (rated) (nom.) | 158 lm/W |
| Colour rendering index (CRI) | ≥80 |
| Number of light sources | 1 |
| Beam angle of light source | 120 degree(s) |
| Light source colour | 830 warm white |
| Optic type | Wide beam |
| Optical cover type | Polymethyl methacrylate bowl/cover |
| Luminaire light beam spread | 90° |
| Unified Glare Rating (CEN) | Not applicable |

Operating and Electrical

| | |
|--|------------------------|
| Input Voltage | 220–240 V |
| Line Frequency | 50 to 60 Hz |
| Inrush current | 21 A |
| Inrush time | 0.28 ms |
| Power Consumption | 24 W |
| Power Factor (Fraction) | 0.97 |
| Connection | Connection unit 5-pole |
| Cable | - |
| Number of products on MCB of 16 A type B | 24 |

Temperature

| | |
|---------------------------|---------------|
| Ambient temperature range | -20 to +35 °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 | Polymethyl methacrylate |
| Optical cover/lens material | Polymethyl methacrylate |

| | |
|-------------------------------------|-------------------|
| Fixation material | Steel |
| Housing Colour | White |
| Optical cover/lens finish | Clear |
| Overall length | 1,528 mm |
| Overall width | 63 mm |
| Overall height | 50 mm |
| Dimensions (height x width x depth) | 50 x 63 x 1528 mm |

Approval and Application

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

Initial Performance (IEC Compliant)

| | |
|-----------------------------|------------------------|
| Luminous flux tolerance | +/-10% |
| Initial chromaticity | (0.43, 0.40) SDCM <3.5 |
| Power consumption tolerance | +/-10% |

Over Time Performance (IEC Compliant)

| | |
|---|------|
| Control gear failure rate at median useful life 50,000 h | 5 % |
| Control gear failure rate at median useful life 100,000 h | 10 % |
| Lumen maintenance at median useful life* 50,000 h | L90 |
| Lumen maintenance at median useful life* 100,000 h | L80 |

Application Conditions

| | |
|------------------------------------|----------------|
| Performance ambient temperature Tq | 25 °C |
| Maximum dim level | 1% |
| Suitable for random switching | Not applicable |

Product Data

| | |
|-----------------------------------|---------------------------------|
| Order product name | 4MX400 581 LED40S/830 PSD WB WH |
| Full product name | 4MX400 581 LED40S/830 PSD WB WH |
| Full EOC | 403073266250099 |
| Order code | 66250099 |
| Material no. (12 NC) | 910629124126 |
| SAP numerator – quantity per pack | 1 |
| EAN/UPC — Product/Case | 4030732662500 |
| Numerator – packs per outer box | 3 |
| EAN/UPC - Case | 4030732259519 |

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Dimensional drawing

