



Maxos LED inserts for TTX400

4MX400 581 LED40S/830 PSU DA20 WH

Maxos LED Retrofit for TTX400, LED module, system flux 4000 lm, Power supply unit (On/Off), Double asymmetric optic 20°

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 | LED40S [LED module, system flux 4000 lm] |
| Cap base | - [-] |
| 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 |

| | |
|---------------------|---|
| | luminaire – 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 |
| Value ladder | Performance |

Maxos LED inserts for TTX400

| | |
|-------------------|-----------------------------------|
| 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 | 4,000 lm |
| Correlated Colour Temperature | 3000 K |
| Luminous efficacy (rated) (nom.) | 148 lm/W |
| Colour rendering index (CRI) | ≥80 |
| Beam angle of light source | 120 degree(s) |
| Light source colour | 830 warm white |
| Optic type | Double asymmetric optic 20° |
| Optical cover type | Polymethyl methacrylate bowl/cover |
| Luminaire light beam spread | 20° |
| Unified Glare Rating (CEN) | Not applicable |

Operating and Electrical

| | |
|--|------------------------|
| Input Voltage | 220-240 V |
| Line Frequency | 50 to 60 Hz |
| Inrush current | 17.8 A |
| Inrush time | 0.282 ms |
| Power Consumption | 27 W |
| Power Factor (Fraction) | 0.9 |
| Connection | Connection unit 3-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 | No |
| Driver/power unit/transformer | Power supply unit (On/Off) |
| 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] |
| Protection class IEC | Safety class I |

Initial Performance (IEC Compliant)

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

Over Time Performance (IEC Compliant)

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

Application Conditions

| | |
|------------------------------------|----------------|
| Performance ambient temperature Tq | 25 °C |
| Suitable for random switching | Not applicable |

Product Data

| | |
|-----------------------------------|-----------------------------------|
| Order product name | 4MX400 581 LED40S/830 PSU DA20 WH |
| Full product name | 4MX400 581 LED40S/830 PSU DA20 WH |
| Full EOC | 403073266590799 |
| Order code | 66590799 |
| Material no. (12 NC) | 910629156926 |
| SAP numerator – quantity per pack | 1 |
| EAN/UPC – Product/Case | 4030732665907 |
| Numerator – packs per outer box | 3 |
| EAN/UPC – Case | 4030732264056 |

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Dimensional drawing

