

# Maxos LED inserts for TTX400

## 4MX400 581 LED55S/840 PSD WB WH

Maxos LED Retrofit for TTX400, LED Module, system flux 5500 lm, 840 neutral 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 color temperatures and glare factors. The minimalistic Maxos LED 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 inserts for TTX400 a truly future-proof solution.

### Product data

| General Information | |
|---|---|
| **Lamp family code** | LED55S [LED Module, system flux 5500 lm] |
| **Light source replaceable** | No |
| **Number of gear units** | 1 unit |
| **Gear** | - |
| **Driver included** | Yes |
| **Remarks** | *-Per Lighting Europe guidance paper "Evaluating performance of LED based luminaires - January 2018": statistically there is no relevant difference in lumen maintenance between B50 and for example B10. Therefore, the median useful life (B50) value also represents the B10 value. |
| **Service tag** | Yes |
| **Product family code** | 4MX400 [Maxos LED Retrofit for TTX400] |
| **Lighting Technology** | LED |
| **Value ladder** | Performance |
| **CE mark** | Yes |

# Maxos LED inserts for TTX400

| | |
|---|---|
| **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** | 5,500 lm |
| **Correlated Color Temperature (Nom)** | 4000 K |
| **Luminous Efficacy (rated) (Nom)** | 169 lm/W |
| **Color rendering index (CRI)** | ≥80 |
| **Number of light sources** | 1 |
| **Beam angle of light source** | 120 degree(s) |
| **Light source color** | 840 neutral 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** | 32.5 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 material** | Polymethyl methacrylate |
| **Fixation material** | Steel |
| **Housing Color** | White |
| **Optical cover 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** | (0.38, 0.38) SDCM <3.5 |
| **Power consumption tolerance** | +/-10% |

## Over Time Performance (IEC Compliant)

| | |
|---|---|
| **Control gear failure rate at median useful life 50000 h** | 5 % |
| **Control gear failure rate at median useful life 100000 h** | 10 % |
| **Lumen maintenance at median useful life* 50000 h** | L90 |
| **Lumen maintenance at median useful life* 100000 h** | L80 |

## Application Conditions

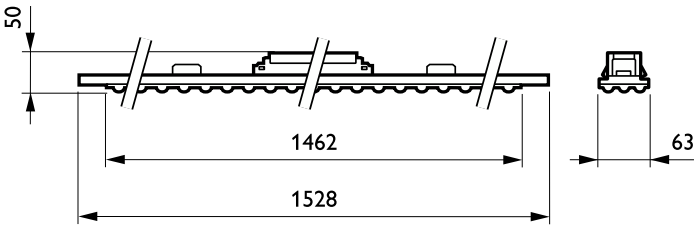
| | |
|---|---|
| **Performance ambient temperature Tq** | 25 °C |
| **Maximum dim level** | 1% |
| **Suitable for random switching** | Not applicable |

## Product Data

| | |
|---|---|
| **Order product name** | 4MX400 581 LED55S/840 PSD WB WH |
| **Full product name** | 4MX400 581 LED55S/840 PSD WB WH |
| **Full product code** | 403073266256299 |
| **Order code** | 910629124726 |
| **Material Nr. (12NC)** | 910629124726 |
| **Numerator - Quantity Per Pack** | 1 |
| **EAN/UPC - Product/Case** | 4030732662562 |
| **Numerator - Packs per outer box** | 3 |
| **EAN/UPC - Case** | 4030732259571 |

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## Dimensional drawing




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