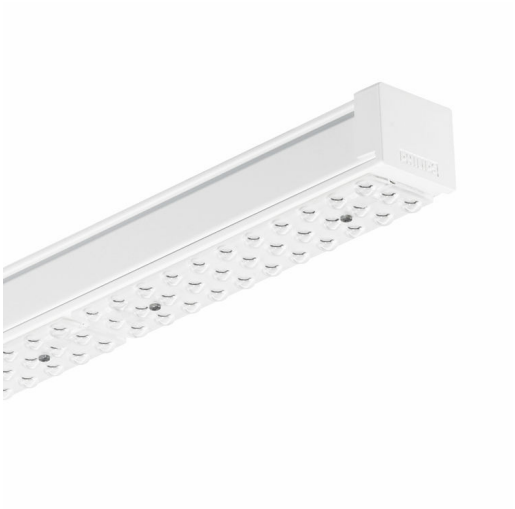

# Maxos LED inserts for TTX400

## 4MX433 581 LED66S/840 PSU NB WH

MAXOS LED FOR TTX400 EM 3H3S, LED module, system flux 6600 lm, 840 neutral white, Power supply unit (On/Off), 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 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** | LED66S [LED module, system flux 6600 lm] |
| **Cap-Base** | - [-] |
| **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. |
| **Product family code** | 4MX433 [MAXOS LED FOR TTX400 EM 3H3S] |
| **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** | 6,600 lm |
| **Correlated Color Temperature (Nom)** | 4000 K |
| **Luminous Efficacy (rated) (Nom)** | 147 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** | Narrow beam |
| **Optical cover type** | Polymethyl methacrylate bowl/cover |
| **Luminaire light beam spread** | 50° |
| **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** | 45 W |
| **Power Factor (Fraction)** | 0.9 |
| **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** | 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 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] |
| **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 % |
| **Lumen maintenance at median useful life* 50000 h** | L80 |

## Application Conditions

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

## Product Data

| | |
|---|---|
| **Order product name** | 4MX433 581 LED66S/840 PSU NB WH |
| **Full product name** | 4MX433 581 LED66S/840 PSU NB WH |
| **Full product code** | 871869697080599 |
| **Order code** | 910500460175 |
| **Material Nr. (12NC)** | 910500460175 |
| **Numerator - Quantity Per Pack** | 1 |
| **EAN/UPC - Product/Case** | 8718696970805 |
| **Numerator - Packs per outer box** | 3 |
| **EAN/UPC - Case** | 8718696971666 |

# Maxos LED inserts for TTX400

## Dimensional drawing