PHILIPS Lighting



Maxos LED inserts for TTX400

4MX400 491 LED55S/830 PSU WB WH

Maxos LED Retrofit for TTX400, LED Module, system flux 5500 lm, Power supply unit (On/Off), Wide beam

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] |
| 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 | 4MX400 [Maxos LED Retrofit for TTX400] |
| Lighting Technology | LED |
| Value ladder | Performance |
| CE mark | Yes |
| Warranty period | 5 years |
| Flammability mark | - |
| | |

Maxos LED inserts for TTX400

| 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) | 3000 K |
| Luminous Efficacy (rated) (Nom) | 157 lm/W |
| Color rendering index (CRI) | ≥80 |
| Number of light sources | 1 |
| Beam angle of light source | 120 degree(s) |
| Light source color | 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 | 17.8 A |
| Inrush time | 0.282 ms |
| Power Consumption | 35 W |
| Power Factor (Fraction) | 0.9 |
| Connection | Connection unit 3-pole |
| Cable | - |
| Number of products on MCB of 16 A type | 24 |
| В | |
| | |
| 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 |
| Housing Material Reflector material | Steel |

| | White |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| Optical cover finish | Clear |
| Overall length | 1,474 mm |
| Overall width | 63 mm |
| Overall height | 50 mm |
| Dimensions (Height x Width x Depth) | 50 x 63 x 1474 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 | (0.43, 0.40) SDCM <3.5 |
| Power consumption tolerance | +/-10% |
| | |
| Over Time Performance (IEC Comp | |
| Control gear failure rate at median usefu | l 5% |
| life 50000 h | |
| | |
| Lumen maintenance at median useful | L80 |
| | L80 |
| Lumen maintenance at median useful | L80 |
| Lumen maintenance at median useful life* 50000 h | L80 25 °C |
| Lumen maintenance at median useful life* 50000 h Application Conditions | |
| Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Suitable for random switching | 25 ℃ |
| Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Suitable for random switching Product Data | 25 °C Not applicable |
| Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Suitable for random switching Product Data Order product name | 25 °C Not applicable 4MX400 491 LED55S/830 PSU WB WH |
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| Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Suitable for random switching Product Data Order product name Full product name Full product code Order code | 25 °C Not applicable 4MX400 491 LED555/830 PSU WB WH 4MX400 491 LED555/830 PSU WB WH 403073266581599 66581599 910629156026 |
| Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Suitable for random switching Product Data Order product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack | 25 °C Not applicable 4MX400 491 LED555/830 PSU WB WH 4MX400 491 LED555/830 PSU WB WH 403073266581599 66581599 910629156026 1 |

Polymethyl methacrylate

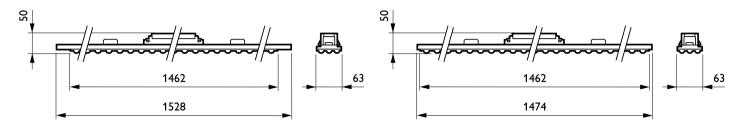
Steel

Optical cover material

Fixation material

Maxos LED inserts for TTX400

Dimensional drawing





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