



Maxos LED inserts for TTX400

4MX416 581 LED55S/840 PSD WB WH C-2R

MAXOS LED FOR TTX400 EM 1H6S, LED Module, system flux 5500 lm, 840 neutral white, Power supply unit with DALI interface, Wide beam, Connector with 2 additional wires for light regulation, 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] |
| 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

Datasheet, 2023, September 4 data subject to change

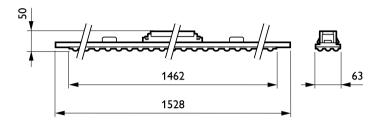
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| | life (B50) value also represents the B10 | Mechanical and Housing | |
|--|---|--|--|
| | value. | Housing Material | Steel |
| Service tag | Yes | Reflector material | - |
| Product family code | 4MX416 [MAXOS LED FOR TTX400 EM | Optic material | Polymethyl methacrylate |
| | 1H6S] | Optical cover material | Polymethyl methacrylate |
| Lighting Technology | LED | Fixation material | Steel |
| Value ladder | Performance | Housing Color | White |
| CE mark | Yes | Optical cover finish | Clear |
| Warranty period | 5 years | Overall length | 1,528 mm |
| Flammability mark | - | Overall width | 63 mm |
| ENEC mark | ENEC mark | Overall height | 50 mm |
| Glow-wire test | Temperature 850 °C, duration 30 s | Dimensions (Height x Width x Depth) | 50 x 63 x 1528 mm |
| EU RoHS compliant | Yes | | |
| | | Approval and Application | |
| Light Technical | | Ingress protection code | IP20 [Finger-protected] |
| Luminous Flux | 5,500 lm | Mech. impact protection code | IK02 [0.2 J standard] |
| Saturated Red (R9) | <50 | Protection class IEC | Safety class I |
| Correlated Color Temperature (Nom) | 4000 K | Photobiological risk | Photobiological risk group 0 @200mm to |
| Luminous Efficacy (rated) (Nom) | 149 lm/W | | EN62778 |
| Color rendering index (CRI) | ≥80 | | |
| Number of light sources | 1 | Initial Performance (IEC Compliant) | |
| Beam angle of light source | 120 degree(s) | Luminous flux tolerance | +/-10% |
| Light source color | 840 neutral white | Initial chromaticity | (0.38, 0.38) SDCM <3.5 |
| Optic type | Wide beam | Power consumption tolerance | +/-10% |
| Optical cover type | Polymethyl methacrylate bowl/cover | | , |
| Luminaire light beam spread | 90° | Over Time Performance (IEC Complia | ant) |
| Unified glare rating CEN | Not applicable | Control gear failure rate at median useful | • |
| | | life 50000 h | |
| Operating and Electrical | | Lumen maintenance at median useful life* | _ |
| Input Voltage | 220-240 V | 35000 h | |
| Line Frequency | 50 to 60 Hz | Lumen maintenance at median useful life* | L80 |
| Initial CLO power consumption | - W | 50000 h | |
| Average CLO power consumption | - W | Lumen maintenance at median useful life* | - |
| Inrush current | 21 A | 75000 h | |
| Inrush time | 0.28 ms | Lumen maintenance at median useful life* | - |
| Power Consumption | 37 W | 100000 h | |
| Power Factor (Fraction) | 0.9 | | |
| Connection | Connector with 2 additional wires for light | Application Conditions | |
| | regulation | Performance ambient temperature Tq | 25 °C |
| Cable | - | Maximum dim level | 1% |
| Number of products on MCB of 16 A type | B 24 | Suitable for random switching | Not applicable |
| number of produces of Med of to Atype | | | |
| Temperature | | Product Data | |
| Ambient temperature range | -20 to +35 °C | Order product name | 4MX416 581 LED55S/840 PSD WB WH |
| Ambient temperature range | -20 to 133 C | order product name | C-2R |
| Controls and Dimming | | Full product name | 4MX416 581 LED55S/840 PSD WB WH |
| | Voc | | C-2R |
| Driver /newer unit /transformer | Yes Power supply unit with DALL interface | Full product code | 871869697052299 |
| Driver/power unit/transformer | Power supply unit with DALI interface | Order code | 910500460147 |
| Control interface | DALI | Material Nr. (12NC) | 910500460147 |
| Constant light output | No | Numerator - Quantity Per Pack | 1 |
| | | EAN/UPC - Product/Case | 8718696970522 |
| | | | |

Maxos LED inserts for TTX400

| Numerator - Packs per outer box | 3 |
|---------------------------------|---------------|
| EAN/UPC - Case | 8718696971383 |

Dimensional drawing





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