



# Maxos LED inserts for TTX400

## 4MX433 491 LED66S/840 PSD WB WH ELP3

Maxos LED inserts for TTX400, Trunking light panel, 43.5 W, L1474 mm, 6600 lm, 4000 K, DALI, Wide beam, Clear, White, IP20, ELP3h

Trunking light panel, L1474 mm, Steel, White, Power supply unit with DALI interface, 6600 lm, 43.5 W, 166 lm/W, 4000 K, (0.38, 0.38) SDCM <3.5, Wide beam, Clear, Polymethyl methacrylate, IP20 | Finger-protected, IK02 | 0.2 J standard, Safety class I, Connection unit 5-pole, Emergency lighting 3 hours duration Pro version

### Product data

General Information		Light source color	
Light source replaceable	No	Light source color	840 neutral white
Number of gear units	1 unit	Optic type	Wide beam
Driver included	Yes	Luminaire light beam spread	90°
Service tag	Yes	Unified glare rating CEN	Not applicable
Lighting Technology	LED	Operating and Electrical	
Value ladder	Performance	Input Voltage	220-240 V
Warranty period	5 years	Line Frequency	50 to 60 Hz
Light Technical		Inrush current	21 A
Luminous Flux	6,600 lm	Inrush time	0.28 ms
Correlated Color Temperature (Nom)	4000 K	Power Consumption	43.5 W
Luminous Efficacy (rated) (Nom)	166 lm/W	Power Factor (Fraction)	0.97
Color rendering index (CRI)	>80	Connection	Connection unit 5-pole
Beam angle of light source	120 degree(s)	Cable	-

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Number of products on MCB of 16 A type B	24
Suitable for random switching	Not applicable
Protection class IEC	Safety class I
Total harmonic distortion	7 %

### Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
Constant light output	No
DALI Standard	DALI-2™
Maximum dim level	1%

### 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	1,474 mm
Overall width	63 mm
Overall height	50 mm
Dimensions (Height x Width x Depth)	50 x 63 x 1474 mm
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Net Weight (Piece)	2.535 kg

### Emergency Operation

Rated duration of the emergency lighting (when fully charged)	3 hour(s)
Central Emergency	No
Emergency lighting	Emergency lighting 3 hours duration Pro version
Emergency function testing method	Automatic pre-programmed self testing
Emergency lighting operation mode	Maintained

### Approval and Application

Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	-
CE mark	Yes
ENEC mark	ENEC mark
Photobiological risk	Photobiological risk group 1 @200mm to EN62778
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
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.

Ambient temperature range	-20 to +35 °C
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### Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38, 0.38) SDCM <3.5
Power consumption tolerance	+/-10%
Standard Deviation of Colour Matching (McAdam ellipse)	SDCM≤4

### 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 (EN-IEC 62722-2-1) at median useful life* 50000 h	L90
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h	L80

### Sustainability Data

Sustainability rating	Unclassified
Repair class	Repair Class C, the driver of this luminaire can be replaced by a service technician. Special care is required during disassembly and reassembly, and specific tools may be required. Parts and documentation are available for a period of time.
Non-virgin material ratio of the packaging	Cardboard > 80% recycled Plastic >35% recycled
Packaging Recyclable content ratio	Cardboard recycling rate > 80% Plastic recycling rate > 40%
Packaging Material	Cardboard Plastic

### Product Data

Order product name	4MX433 491 LED66S/840 PSD WB WH ELP3
Full product name	4MX433 491 LED66S/840 PSD WB WH ELP3
Full product code	871869907994999
Order code	910500460495
Material Nr. (12NC)	910500460495
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699079949
Numerator - Packs per outer box	3
EAN/UPC - Case	8718699080020
Product family code	4MX433 [MAXOS LED FOR TTX400 EM 3H3S]

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### Dimensional drawing

