



Maxos LED inserts for TTX400

4MX433 491 LED55S/840 PSD WB WH ELB3C-2R

4MX433 | MAXOS LED FOR TTX400 EM 3H3S, LED55S | 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

Trunking light panel, L1474 mm, Steel, White, Power supply unit with DALI interface, 5500 lm, 36.5 W, 169 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, Connector with 2 additional wires for light regulation, Emergency lighting 3 hours duration basic version

Product data

General Information		Operating and Electrical	
Lamp family code	LED55S [LED Module, system flux 5500 lm]	Correlated Color Temperature (Nom)	4000 K
Light source replaceable	No	Luminous Efficacy (rated) (Nom)	169 lm/W
Number of gear units	1 unit	Color rendering index (CRI)	>80
Gear	-	Number of light sources	1
Driver included	Yes	Beam angle of light source	120 degree(s)
Service tag	Yes	Light source color	840 neutral white
Lighting Technology	LED	Optic type	Wide beam
Value ladder	Performance	Luminaire light beam spread	90°
Warranty period	5 years	Unified glare rating CEN	Not applicable
Light Technical		Input Voltage	220-240 V
Luminous Flux	5,500 lm	Line Frequency	50 to 60 Hz

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Inrush current	21 A
Inrush time	0.28 ms
Power Consumption	36.5 W
Power Factor (Fraction)	0.97
Connection	Connector with 2 additional wires for light regulation
Cable	-
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]
Optical cover type	Polymethyl methacrylate bowl/cover
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 basic version
Emergency function testing method	Manual / Test button
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

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.

Product Data

Order product name	4MX433 491 LED55S/840 PSD WB WH ELB3C-2R
Full product name	4MX433 491 LED55S/840 PSD WB WH ELB3C-2R
Full product code	871869697069099
Order code	910500460164
Material Nr. (12NC)	910500460164
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696970690
Numerator - Packs per outer box	3
EAN/UPC - Case	8718696971550

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Dimensional drawing

