Maxos LED inserts for TTX400

4MX400 491 LED66S/840 PSD-CLO WB WH

Maxos LED Retrofit for TTX400, LED module, system flux 6600 lm, 840 neutral white, Power supply unit with DALI interface and constant light output, Wide 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]
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.
Service tag	Yes
Product family code	4MX400 [Maxos LED Retrofit for TTX400]
Lighting Technology	LED
Value ladder	Performance
Embedded control	Constant light output

Maxos LED inserts for TTX400

CE mark	Yes		Fixation material	Steel
Warranty period	5 years		Housing Color	White
Flammability mark	–		Optical cover finish	Clear
ENEC mark	ENEC mark		Overall length	1,474 mm
Glow-wire test	Temperature 650 °C, duration 30 s		Overall width	63 mm
EU RoHS compliant	Yes		Overall height	50 mm
			Dimensions (Height x Width x Depth)	50 x 63 x 1474 mm

Light Technical

Luminous Flux	6,600 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	169 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	Wide beam
Optical cover type	Polymethyl methacrylate bowl/cover
Luminaire light beam spread	90°
Unified glare rating CEN	Not applicable

Approval and Application

Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Sustainability rating	–
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%

Operating and Electrical

Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Initial CLO power consumption	35.6 W
Average CLO power consumption	40.1 W
Inrush current	21 A
Inrush time	0.28 ms
Power Consumption	39 W
Power Factor (Fraction)	0.97
Connection	Connection unit 5-pole
Cable	–
Number of products on MCB of 16 A type B	24

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 at median useful life* 50000 h	L90
Lumen maintenance at median useful life* 100000 h	L80

Temperature

Ambient temperature range	–20 to +35 °C

Application Conditions

Performance ambient temperature Tq	25 °C
Maximum dim level	1%
Suitable for random switching	Not applicable

Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface and constant light output
Control interface	DALI
Constant light output	Yes

Product Data

Order product name	4MX400 491 LED66S/840 PSD-CLO WB WH
Full product name	4MX400 491 LED66S/840 PSD-CLO WB WH
Full product code	871869688213999
Order code	910500460028
Material Nr. (12NC)	910500460028
Numerator – Quantity Per Pack	1
EAN/UPC – Product/Case	8718696882139
Numerator – Packs per outer box	3
EAN/UPC – Case	8718696882146

Mechanical and Housing

Housing Material	Steel
Reflector material	–
Optic material	Polymethyl methacrylate
Optical cover material	Polymethyl methacrylate

Maxos LED inserts for TTX400

Dimensional drawing

50

1462

1528

63

50

1462

1474

63

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2024, January 16 – data subject to change