



# Maxos LED inserts for TTX400

## 4MX400 491 LED40S/830 PSD WB WH

Maxos LED Retrofit for TTX400 - 1 unit for TL5 49 W - LED module, system flux 4000 lm - 830 warm white - Power supply unit with DALI interface - 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			
Number of light sources	1 [ 1 pc]	Driver/power unit/transformer	PSD [ Power supply unit with DALI interface]
Lamp family code	LED40S [ LED module, system flux 4000 lm]	Driver included	Yes
Beam angle of light source	120 °	Optic type	WB [ Wide beam]
Light source colour	830 warm white	Optical cover/lens type	PM [ PMMA bowl/cover]
Cap base	- [ -]	Luminaire light beam spread	90°
Light source replaceable	No	Emergency lighting	No [ -]
Number of gear units	1 unit	Control interface	DALI
Gear	-	Connection	CU5 [ Connection unit 5-pole]
		Cable	-

## Maxos LED inserts for TTX400

Protection class IEC	Safety class I (I)
Glow-wire test	650/30 [ Temperature 650 °C, duration 30 s]
Flammability mark	NO [ -]
CE mark	CE mark
ENEC mark	ENEC mark
UL mark	-
Warranty period	5 years
Remarks	*- According to the Lighting Europe guidance paper 'Evaluating performance of LED based luminaires – January 2018': statistically there is no relevant difference in lumen maintenance between the B50 and, for example, the B10. Therefore, the median useful life (B50) value also represents the B10 value.
Constant light output	No
Number of products on MCB (16 A type B)	24
EU RoHS compliant	Yes
Product family code	4MX400 [ Maxos LED Retrofit for TTX400]
Unified glare rating CEN	Not applicable

### Operating and Electrical

Input Voltage	220-240 V
Input frequency	50 to 60 Hz
Control signal voltage	0-16 V DC DALI
Inrush current	21 A
Inrush time	0.28 ms
Power factor (min.)	0.9

### Controls and Dimming

Dimmable	Yes
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### Mechanical and Housing

Trunking length	491 [ 1 unit for TL5 49 W]
Housing material	Steel
Reflector material	-
Optic material	Polymethyl methacrylate
Optical cover/lens material	Polymethyl methacrylate
Fixation material	Steel
Optical cover/lens finish	Clear
Overall length	1474 mm
Overall width	63 mm

Overall height	50 mm
Colour	White
Dimensions (height x width x depth)	50 x 63 x 1474 mm (2 x 2.5 x 58 in)

### Approval and Application

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

### Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	4000 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	148 lm/W
Init. Corr. Colour Temperature	3000 K
Init. Colour rendering index	≥80
Initial chromaticity	(0.43, 0.40) SDCM <3.5
Initial input power	27 W
Power consumption tolerance	+/-10%

### Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50,000 h	5 %
Lumen maintenance at median useful life* 50,000 h	L80

### Application Conditions

Ambient temperature range	-20 to +35 °C
Performance ambient temperature Tq	25 °C
Maximum dimming level	1%
Suitable for random switching	Not applicable

### Product Data

Full product code	403073266242599
Order product name	4MX400 491 LED40S/830 PSD WB WH
EAN/UPC – product	4030732662425
Order code	66242599
SAP numerator – quantity per pack	1
Numerator – packs per outer box	3
SAP material	910629123326
SAP net weight (piece)	1.825 kg



