



Maxos LED inserts for TTX400

4MX400 491 LED40S/840 PSD WB WH

Maxos LED Retrofit for TTX400 - 1 unit for TL5 49 W - LED Module, system flux 4000 lm - Power supply unit with DALI interface - Wide beam

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]
Lamp family code	LED40S [LED Module, system flux 4000 lm]
Beam angle of light source	120 °
Light source colour	840 neutral white
Cap base	- [-]
Light source replaceable	No
Number of gear units	1 unit
Gear	-

Driver/power unit/transformer	PSD [Power supply unit with DALI interface]
Driver included	Yes
Optic type	WB [Wide beam]
Optical cover/lens type	PM [PMMA bowl/cover]
Luminaire light beam spread	90°
Emergency lighting	No [-]
Control interface	DALI
Connection	CU5 [Connection unit 5-pole]
Cable	-

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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	4000 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	160 lm/W
Init. Corr. Colour Temperature	4000 K
Init. Colour rendering index	≥80
Initial chromaticity	(0.38, 0.38) SDCM <3.5
Initial input power	25 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

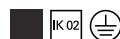
Control gear failure rate at median useful life 50,000 h	5 %
Lumen maintenance at median useful life* 50,000 h	L80

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

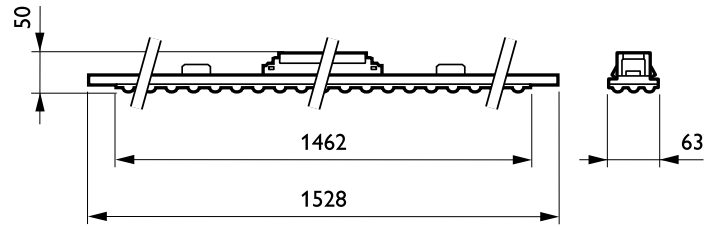
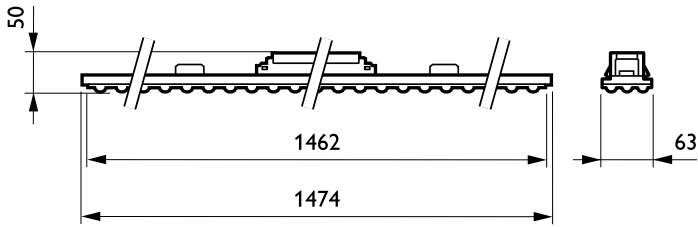
Product Data

Full product code	403073266244999
Order product name	4MX400 491 LED40S/840 PSD WB WH
EAN/UPC – product	4030732662449
Order code	66244999
SAP numerator – quantity per pack	1
Numerator – packs per outer box	3
SAP material	910629123526
SAP net weight (piece)	1.825 kg



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Dimensional drawing



Maxos LED TTX400 retrofit 4MX400-433

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Photometric data

4MX400 G3 491 1xLED40S/840 PSD WB

1 x 4000 lm

Polar intensity diagram Quantity estimation diagram UGR diagram

IFGU1_4MX400 G3 491 1xLED40S840 PSD WB.EPS

IFPC1_4MX400 G3 491 1xLED40S840 PSD WB.EPS

