



# Maxos LED inserts for TTX400

# 4MX400 491 LED40S/840 PSD NB WH

Maxos LED Retrofit for TTX400, LED module, system flux 4000 lm, 840 neutral white, Power supply unit with DALI interface, Narrow 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	LED40S [LED module, system flux 4000 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	
CE mark	Yes	

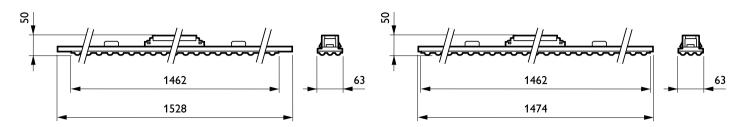
Datasheet, 2023, August 31 data subject to change

## **Maxos LED inserts for TTX400**

Warranty period	5 years	Housing Color	White
Flammability mark	<u>-</u>	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	4,000 lm	Approval and Application	
Correlated Color Temperature (Nom)	4000 K	Ingress protection code	IP20 [Finger-protected]
Luminous Efficacy (rated) (Nom)	166 lm/W	Mech. impact protection code	IK02 [0.2 J standard]
Color rendering index (CRI)	≥80	Sustainability rating	-
Number of light sources	1	Protection class IEC	Safety class I
Beam angle of light source	120 degree(s)		
Light source color	840 neutral white	Initial Performance (IEC Compliant)	
Optic type	Narrow beam	Luminous flux tolerance	+/-10%
Optical cover type	Polymethyl methacrylate bowl/cover	Initial chromaticity	(0.38, 0.38) SDCM <3.5
Luminaire light beam spread	50°	Power consumption tolerance	+/-10%
Unified glare rating CEN	Not applicable		
		Over Time Performance (IEC Complia	ant)
Operating and Electrical		Control gear failure rate at median useful	5 %
Input Voltage	220-240 V	life 50000 h	
Line Frequency	50 to 60 Hz	Control gear failure rate at median useful	10 %
Inrush current	21 A	life 100000 h	
Inrush time	0.28 ms	Lumen maintenance at median useful life*	L90
Power Consumption	24 W	50000 h	
Power Factor (Fraction)	0.97	Lumen maintenance at median useful life*	L80
Connection	Connection unit 5-pole	100000 h	
Cable			
Number of products on MCB of 16 A type I	3 24	Application Conditions	
		Performance ambient temperature Tq	25 ℃
Temperature		Maximum dim level	1%
Ambient temperature range	-20 to +35 ℃	Suitable for random switching	Not applicable
Controls and Dimming		Product Data	
Dimmable	Yes	Order product name	4MX400 491 LED40S/840 PSD NB WH
Driver/power unit/transformer	Power supply unit with DALI interface	Full product name	4MX400 491 LED40S/840 PSD NB WH
Control interface	DALI	Full product code	403073266243299
Constant light output	No	Order code	66243299
		Material Nr. (12NC)	910629123426
Mechanical and Housing		Numerator - Quantity Per Pack	1
Housing Material	Steel	EAN/UPC - Product/Case  Numerator - Packs per outer box	4030732662432
Reflector material		· · · · · · · · · · · · · · · · · · ·	4020722250441
Optic material	Polymethyl methacrylate	EAN/UPC - Case	4030732259441
Optical cover material	Polymethyl methacrylate		
Fixation material	Steel		

## **Maxos LED inserts for TTX400**

### Dimensional drawing





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