



# Maxos LED inserts for TTX400

# 4MX400 491 LED66S/840 PSD WB WH

Maxos LED Retrofit for TTX400, Generation 4, LED module, system flux 6600 lm, 840 neutral white, Power supply unit with DALI interface, Wide beam, Connection unit 5-pole, 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 colour temperatures and glare factors. The minimalistic Maxos LED Industry 4MX400 panel 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 Industry 4MX400 panel 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	Unit
Gear	-
Driver included	Yes
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.
Product family code	4MX400 [Maxos LED Retrofit for TTX400]
Lighting Technology	LED

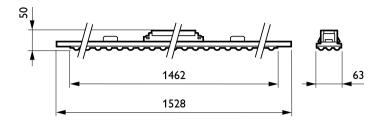
Datasheet, 2023, April 14 data subject to change

## **Maxos LED inserts for TTX400**

Value ladder	Performance	Fixation material	Steel
CE mark	Yes	Housing Colour	White
Warranty period	5 years	Optical cover/lens finish	Clear
Flammability mark	-	Overall length	1,474 mm
ENEC mark	ENEC mark	Overall width	63 mm
Glow-wire test	Temperature 650 °C, duration 30 s	Overall height	50 mm
EU RoHS compliant	Yes	Dimensions (height x width x depth)	50 x 63 x 1474 mm
Light Technical		Approval and Application	
Luminous Flux	6,600 lm	Ingress protection code	IP20 [Finger-protected]
Correlated Colour Temperature	4000 K	Mech. impact protection code	IK02 [0.2 J standard]
Luminous efficacy (rated) (nom.)	169 lm/W	Sustainability rating	-
Colour rendering index (CRI)	≥80	Protection class IEC	Safety class I
Beam angle of light source	120 degree(s)		
Light source colour	840 neutral white	Initial Performance (IEC Compliant)	
Optic type	Wide 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	90°	Power consumption tolerance	+/-10%
Unified Glare Rating (CEN)	Not applicable		
		Over Time Performance (IEC Compli	ant)
Operating and Electrical		Control gear failure rate at median useful	5 %
Input Voltage	220-240 V	life 50,000 h	
Line Frequency	50 to 60 Hz	Control gear failure rate at median useful	10 %
Inrush current	21 A	life 100,000 h	
Inrush time	0.28 ms	Lumen maintenance at median useful life*	L90
Power Consumption	39 W	50,000 h	
Power Factor (Fraction)	0.97	Lumen maintenance at median useful life*	L80
Connection	Connection unit 5-pole	100,000 h	
Cable	-		
Number of products on MCB of 16 A type	24	Application Conditions	
В		Performance ambient temperature Tq	25 ℃
		Maximum dim level	1%
Temperature		Suitable for random switching	Not applicable
Ambient temperature range	-20 to +35 ℃		
		Product Data	
Controls and Dimming		Order product name	4MX400 491 LED66S/840 PSD WB WH
Dimmable	Yes	Full product name	4MX400 491 LED66S/840 PSD WB WH
Driver/power unit/transformer	Power supply unit with DALI interface	Full EOC	403073266834299
Control interface	DALI	Order code	66834299
Constant light output	No	Material no. (12 NC)	910629162826
		SAP numerator – quantity per pack	1
Mechanical and Housing		EAN/UPC — Product/Case	4030732668342
Housing material	Steel	Numerator – packs per outer box	3
Reflector material	-	EAN/UPC - Case	4030732267101
Optic material	Polymethyl methacrylate		
Optical cover/lens material	Polymethyl methacrylate		

## **Maxos LED inserts for TTX400**

### Dimensional drawing





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