



# Maxos LED inserts for TTX400

# 4MX400 581 LED80S/840 PSD WB WH

Maxos LED Retrofit for TTX400, LED Module, system flux 8000 lm, 840 neutral 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 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	LED80S [LED Module, system flux 8000 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

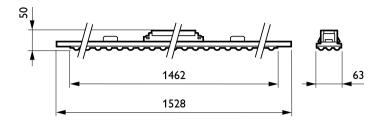
Datasheet, 2023, April 14 data subject to change

## **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	1,528 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 1528 mm
Light Technical		Approval and Application	
Luminous Flux	8,000 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.)	166 lm/W	Sustainability rating	-
Colour rendering index (CRI)	≥80	Protection class IEC	Safety class I
Number of light sources	1		
Beam angle of light source	120 degree(s)	Initial Performance (IEC Compliant)	
Light source colour	840 neutral white	Luminous flux tolerance	+/-10%
Optic type	Wide beam	Initial chromaticity	(0.38, 0.38) SDCM <3.5
Optical cover type	Polymethyl methacrylate bowl/cover	Power consumption tolerance	+/-10%
Luminaire light beam spread	90°		
Unified Glare Rating (CEN)	Not applicable	Over Time Performance (IEC Compli	
		Control gear failure rate at median useful	5 %
Operating and Electrical		life 50,000 h	10.07
Input Voltage	220-240 V	Control gear failure rate at median useful	10 %
Line Frequency	50 to 60 Hz	life 100,000 h	100
Inrush time	21 A	Lumen maintenance at median useful life* 50,000 h	190
Inrush time	0.28 ms	Lumen maintenance at median useful life*	180
Power Consumption	48 W	100,000 h	250
Power Factor (Fraction)  Connection	0.97		
Cable	Connection unit 5-pole	Application Conditions	
Number of products on MCB of 16 A type	24	Performance ambient temperature Tq	25 °C
B	24	Maximum dim level	1%
		Suitable for random switching	Not applicable
Temperature			
Ambient temperature range	−20 to +35 °C	Product Data	
		Order product name	4MX400 581 LED80S/840 PSD WB WH
Controls and Dimming		Full product name	4MX400 581 LED80S/840 PSD WB WH
Dimmable	Yes	Full EOC	403073267280699
Driver/power unit/transformer	Power supply unit with DALI interface	Order code	67280699
Control interface	DALI	Material no. (12 NC)	910629167326
Constant light output	No	SAP numerator – quantity per pack	1
		EAN/UPC — Product/Case	4030732672806
Mechanical and Housing		Numerator – packs per outer box	3
Housing material	Steel	EAN/UPC - Case	4030732273737
Reflector material	-		
Optic material	Polymethyl methacrylate		
Optical cover/lens material	Polymethyl methacrylate		
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## **Maxos LED inserts for TTX400**

### Dimensional drawing





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