



# Maxos LED inserts for TTX400

# 4MX400 581 LED55S/830 PSU NB WH

Maxos LED Retrofit for TTX400, LED Module, system flux 5500 lm, 830 warm white, Power supply unit (On/Off), 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	LED55S [LED Module, system flux 5500 lm]
Cap-Base	- [-]
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.
Product family code	4MX400 [Maxos LED Retrofit for TTX400]
Lighting Technology	LED
Value ladder	Performance
CE mark	Yes

Datasheet, 2023, April 29 data subject to change

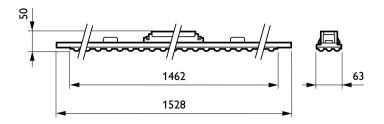
## **Maxos LED inserts for TTX400**

Warranty period	5 years
Flammability mark	-
ENEC mark	ENEC mark
Glow-wire test	Temperature 650 °C, duration 30 s
EU RoHS compliant	Yes
Light Technical	
Luminous Flux	5,500 lm
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	157 lm/W
Color rendering index (CRI)	≥80
Number of light sources	1
Beam angle of light source	120 degree(s)
Light source color	830 warm white
Optic type	Narrow beam
Optical cover type	Polymethyl methacrylate bowl/cover
Luminaire light beam spread	50°
Unified glare rating CEN	Not applicable
Operating and Electrical	
Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Inrush current	17.8 A
Inrush time	0.282 ms
Power Consumption	35 W
Power Factor (Fraction)	0.9
Connection	Connection unit 3-pole
Cable	-
Number of products on MCB of 16 A type	24
В	
Temperature	
Ambient temperature range	-20 to +35 °C
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Constant light output	No
Mechanical and Housing	
Mechanical and Housing Housing Material	Steel

Optic material	Polymethyl methacrylate
Optical cover material	Polymethyl methacrylate
Fixation material	Steel
Housing Color	White
Optical cover finish	Clear
Overall length	1,528 mm
Overall width	63 mm
Overall height	50 mm
Dimensions (Height x Width x Depth)	50 x 63 x 1528 mm
Approval and Application	
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Protection class IEC	Safety class I
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.43, 0.40) SDCM <3.5
Power consumption tolerance	+/-10%
Over Time Performance (IEC Compli	ant)
Control gear failure rate at median useful	5 %
life 50000 h	
Lumen maintenance at median useful	L80
life* 50000 h	
Application Conditions	
Performance ambient temperature Tq	
	25 ℃
Suitable for random switching	25 °C Not applicable
Suitable for random switching	
Suitable for random switching  Product Data	Not applicable
Suitable for random switching  Product Data  Order product name	Not applicable  4MX400 581 LED55S/830 PSU NB WH
Product Data Order product name Full product name	Not applicable  4MX400 581 LED55S/830 PSU NB WH  4MX400 581 LED55S/830 PSU NB WH
Product Data Order product name Full product code	Mot applicable  4MX400 581 LED55S/830 PSU NB WH  4MX400 581 LED55S/830 PSU NB WH  403073266592199
Product Data Order product name Full product code Order code	Mot applicable  4MX400 581 LED55S/830 PSU NB WH  4MX400 581 LED55S/830 PSU NB WH  403073266592199  66592199
Suitable for random switching  Product Data  Order product name  Full product name  Full product code  Order code  Material Nr. (12NC)	MX400 581 LED55S/830 PSU NB WH  4MX400 581 LED55S/830 PSU NB WH  4MX400 581 LED55S/830 PSU NB WH  403073266592199  66592199  910629157126
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## **Maxos LED inserts for TTX400**

### Dimensional drawing





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