



# Maxos LED inserts for TTX400

# 4MX400 491 LED80S/840 PSD DA20 WH C-2R

Maxos LED Retrofit for TTX400, LED Module, system flux 8000 lm, 840 neutral white, Power supply unit with DALI interface, Double asymmetric optic 20°, Connector with 2 additional wires for light regulation, 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	LED80S [LED Module, system flux 8000 lm]
Light source replaceable	No
Number of gear units	1 unit
Gear	-
Driver included	Yes

emarks	*-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.

Datasheet, 2024, January 16 data subject to change

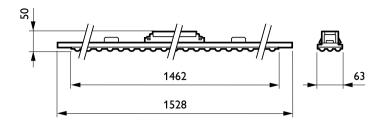
## **Maxos LED inserts for TTX400**

Service tag	Yes
Product family code	4MX400 [Maxos LED Retrofit for TTX400]
Lighting Technology	LED
Value ladder	Performance
CE mark	Yes
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	8,000 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	166 lm/W
Color rendering index (CRI)	≥80
Number of light sources	1
Beam angle of light source	120 degree(s)
Light source color	840 neutral white
Optic type	Double asymmetric optic 20°
Optical cover type	Polymethyl methacrylate bowl/cover
Luminaire light beam spread	20°
Unified glare rating CEN	Not applicable
Operating and Electrical	
Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Inrush current	21 A
Inrush time	0.28 ms
Power Consumption	48 W
Power Factor (Fraction)	0.97
Connection	Connector with 2 additional wires for light
	regulation
Cable	-
Number of products on MCB of 16 A type	24
В	
Temperature	
Temperature Ambient temperature range	-20 to +35 °C
<u> </u>	-20 to +35 °C
<u> </u>	−20 to +35 °C
Ambient temperature range	-20 to +35 °C Yes
Ambient temperature range  Controls and Dimming	
Ambient temperature range  Controls and Dimming  Dimmable	Yes
Ambient temperature range  Controls and Dimming  Dimmable  Driver/power unit/transformer	Yes Power supply unit with DALI interface
Ambient temperature range  Controls and Dimming  Dimmable  Driver/power unit/transformer  Control interface	Yes Power supply unit with DALI interface DALI
Ambient temperature range  Controls and Dimming  Dimmable  Driver/power unit/transformer  Control interface	Yes Power supply unit with DALI interface DALI
Ambient temperature range  Controls and Dimming  Dimmable  Driver/power unit/transformer  Control interface  Constant light output	Yes Power supply unit with DALI interface DALI
Ambient temperature range  Controls and Dimming  Dimmable  Driver/power unit/transformer  Control interface  Constant light output  Mechanical and Housing	Yes Power supply unit with DALI interface DALI No

Optical cover material	Polymethyl methacrylate
Fixation material	Steel
Housing Color	White
Optical cover finish	Clear
Overall length	1,474 mm
Overall width	63 mm
Overall height	50 mm
Dimensions (Height x Width x Depth)	50 x 63 x 1474 mm
Approval and Application	
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IKO2 [0.2 J standard]
Sustainability rating	-
Protection class IEC	Safety class I
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38, 0.38) SDCM <3.5
Power consumption tolerance	+/-10%
Over Time Performance (IEC Complia	ant)
Control gear failure rate at median useful	5 %
life 50000 h	
Control gear failure rate at median useful	10 %
life 100000 h	
Lumen maintenance at median useful life*	L90
50000 h	
Lumen maintenance at median useful life*	L80
100000 h	
Application Conditions	
Performance ambient temperature Tq	25 ℃
Maximum dim level	1%
Suitable for random switching	Not applicable
Product Data	
Order product name	4MX400 491 LED80S/840 PSD DA20 WH
	C-2R
Full product name	4MX400 491 LED80S/840 PSD DA20 WH
	C-2R
Full product code	871869697009699
Order code	910500460104
Material Nr. (12NC)	910500460104
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696970096
Numerator - Packs per outer box	3
EAN/UPC - Case	8718696970959

## **Maxos LED inserts for TTX400**

### Dimensional drawing





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