



Maxos LED inserts for TTX400

4MX400 491 LED55S/840 PSD VWB WH C-2R

Maxos LED Retrofit for TTX400, LED Module, system flux 5500 lm, 840 neutral white, Power supply unit with DALI interface, Very wide beam, 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	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.

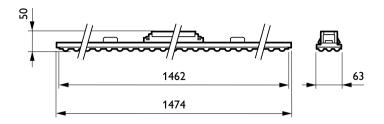
Datasheet, 2023, September 5 data subject to change

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Service tag	Yes	Optic material	Polymethyl methacrylate
Product family code	4MX400 [Maxos LED Retrofit for TTX400]	Optical cover material	Polymethyl methacrylate
Lighting Technology	LED	Fixation material	Steel
Value ladder	Performance	Housing Color	White
CE mark	Yes	Optical cover finish	Clear
Warranty period	5 years	Overall length	1,474 mm
Flammability mark		Overall width	63 mm
ENEC mark	ENEC mark	Overall height	50 mm
Glow-wire test	Temperature 650 °C, duration 30 s	Dimensions (Height x Width x Depth)	50 x 63 x 1474 mm
EU RoHS compliant	Yes		
		Approval and Application	
Light Technical		Ingress protection code	IP20 [Finger-protected]
Luminous Flux	5,500 lm	Mech. impact protection code	IKO2 [0.2 J standard]
Correlated Color Temperature (Nom)	4000 K	Protection class IEC	Safety class I
Luminous Efficacy (rated) (Nom)	169 lm/W		
Color rendering index (CRI)	≥80	Initial Performance (IEC Compliant)	
Number of light sources	1	Luminous flux tolerance	+/-10%
Beam angle of light source	120 degree(s)	Initial chromaticity	(0.38, 0.38) SDCM <3.5
Light source color	840 neutral white	Power consumption tolerance	+/-10%
Optic type	Very wide beam		
Optical cover type	Polymethyl methacrylate bowl/cover	Over Time Performance (IEC Compl	iant)
Luminaire light beam spread	130°	Control gear failure rate at median useful	5 %
Unified glare rating CEN	Not applicable	life 50000 h	
		Control gear failure rate at median useful	10 %
Operating and Electrical		life 100000 h	
Input Voltage	220-240 V	Lumen maintenance at median useful life	* L90
Line Frequency	50 to 60 Hz	50000 h	
Inrush current	21 A	Lumen maintenance at median useful life	* L80
Inrush time	0.28 ms	100000 h	
Power Consumption	32.5 W		
Power Factor (Fraction)	0.9	Application Conditions	
Connection	Connector with 2 additional wires for light	Performance ambient temperature Tq	25 °C
	regulation	Maximum dim level	1%
Cable	-	Suitable for random switching	Not applicable
Number of products on MCB of 16 A type	24		
В		Product Data	
		Order product name	4MX400 491 LED55S/840 PSD VWB WH
Temperature			C-2R
Ambient temperature range	-20 to +35 °C	Full product name	4MX400 491 LED55S/840 PSD VWB WH
			C-2R
Controls and Dimming		Full product code	871869688246799
Dimmable	Yes	Order code	910500460046
Driver/power unit/transformer	Power supply unit with DALI interface	Material Nr. (12NC)	910500460046
Control interface	DALI	Numerator - Quantity Per Pack	1
Constant light output	No	EAN/UPC - Product/Case	8718696882467
		Numerator - Packs per outer box	3
Mechanical and Housing		EAN/UPC - Case	8718696882481
Housing Material	Steel		
Reflector material	-		

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Dimensional drawing





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