



# **Maxos LED inserts for TTX400**

# 4MX416 491 LED55S/840 PSD DA20 WH C-2R

MAXOS LED FOR TTX400 EM 1H6S, LED Module, system flux 5500 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	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.

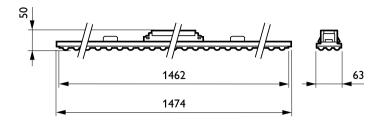
Datasheet, 2023, September 4 data subject to change

## **Maxos LED inserts for TTX400**

Service tag	Yes	Reflector material	-
Product family code	4MX416 [MAXOS LED FOR TTX400 EM 1H6S]	Optic material	Polymethyl methacrylate
Lighting Technology	LED	Optical cover material	Polymethyl methacrylate
Value ladder	Performance	Fixation material	Steel
CE mark	Yes	Housing Color	White
Warranty period	5 years	Optical cover 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	5,500 lm	Ingress protection code	IP20 [Finger-protected]
Correlated Color Temperature (Nom)	4000 K	Mech. impact protection code	IK02 [0.2 J standard]
Luminous Efficacy (rated) (Nom)	149 lm/W	Protection class IEC	Safety class I
Color rendering index (CRI)	≥80		
Number of light sources	1	Initial Performance (IEC Compliant)	
Beam angle of light source	120 degree(s)	Luminous flux tolerance	+/-10%
Light source color	840 neutral white	Initial chromaticity	(0.38, 0.38) SDCM <3.5
Optic type	Double asymmetric optic 20°	Power consumption tolerance	+/-10%
Optical cover type	Polymethyl methacrylate bowl/cover		
Luminaire light beam spread	20°	Over Time Performance (IEC Compliant)	
Unified glare rating CEN	Not applicable	Control gear failure rate at median useful	5 %
		life 50000 h	
Operating and Electrical		Lumen maintenance at median useful	L80
Input Voltage	220-240 V	life* 50000 h	
Line Frequency	50 to 60 Hz		
Inrush current	21 A	Application Conditions	
Inrush time	0.28 ms	Performance ambient temperature Tq	25 ℃
Power Consumption	37 W	Maximum dim level	1%
Power Factor (Fraction)	0.9	Suitable for random switching	Not applicable
Connection	Connector with 2 additional wires for light		
	regulation	Product Data	
Cable	-	Order product name	4MX416 491 LED55S/840 PSD DA20 WH
Number of products on MCB of 16 A type	24		C-2R
В		Full product name	4MX416 491 LED55S/840 PSD DA20 WH
			C-2R
Temperature		Full product code	871869697033199
Ambient temperature range	-20 to +35 °C	Order code	910500460128
		Material Nr. (12NC)	910500460128
Controls and Dimming		Numerator - Quantity Per Pack	1
Dimmable	Yes	EAN/UPC - Product/Case	8718696970331
Driver/power unit/transformer	Power supply unit with DALI interface	Numerator - Packs per outer box	3
Control interface	DALI	EAN/UPC - Case	8718696971192
Constant light output	No		
Mechanical and Housing			
Housing Material	Steel		

## **Maxos LED inserts for TTX400**

### Dimensional drawing





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