



# Maxos LED inserts for TTX400

# 4MX433 491 LED55S/840 PSD DA20WHELB3C-2R

MAXOS LED FOR TTX400 EM 3H3S, 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]		
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

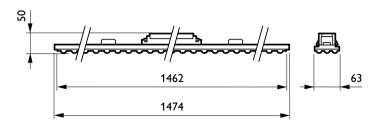
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## **Maxos LED inserts for TTX400**

Service tag	Yes	Optic material	Polymethyl methacrylate
Product family code	4MX433 [MAXOS LED FOR TTX400 EM	Optical cover material	Polymethyl methacrylate
	3H3S]	Fixation material	Steel
Lighting Technology	LED	Housing Color	White
Value ladder	Performance	Optical cover finish	Clear
CE mark	Yes	Overall length	1,474 mm
Warranty period	5 years	Overall width	63 mm
Flammability mark		Overall height	50 mm
ENEC mark	ENEC mark	Dimensions (Height x Width x Depth)	50 x 63 x 1474 mm
Glow-wire test	Temperature 650 °C, duration 30 s		
EU RoHS compliant	Yes	Approval and Application	
		Ingress protection code	IP20 [Finger-protected]
Light Technical		Mech. impact protection code	IKO2 [0.2 J standard]
Luminous Flux	5,500 lm	Sustainability rating	-
Correlated Color Temperature (Nom)	4000 K	Protection class IEC	Safety class I
Luminous Efficacy (rated) (Nom)	149 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	Double asymmetric optic 20°		
Optical cover type	Polymethyl methacrylate bowl/cover	Over Time Performance (IEC Compl	iant)
Luminaire light beam spread	20°	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	37 W		
Power Factor (Fraction)	0.97	Application Conditions	
Connection	Connector with 2 additional wires for light	Performance ambient temperature Tq	25 ℃
	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	4MX433 491 LED55S/840 PSD
Temperature			DA20WHELB3C-2R
Ambient temperature range	-20 to +35 °C	Full product name	4MX433 491 LED55S/840 PSD
			DA20WHELB3C-2R
Controls and Dimming		Full product code	871869697067699
Dimmable	Yes	Order code	910500460162
Driver/power unit/transformer	Power supply unit with DALI interface	Material Nr. (12NC)	910500460162
Control interface	DALI	Numerator - Quantity Per Pack	1
Constant light output	No	EAN/UPC - Product/Case	8718696970676
		Numerator - Packs per outer box	3
Mechanical and Housing		EAN/UPC - Case	8718696971536
Housing Material	Steel		
Reflector material	-		

## **Maxos LED inserts for TTX400**

### Dimensional drawing





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