



Maxos LED inserts for TTX400

4MX433 491 LED55S/840 PSD WB WH ELB3

MAXOS LED FOR TTX400 EM 3H3S, LED Module, system flux 5500 lm, 840 neutral white, Power supply unit with DALI interface, Wide 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]	
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.	
Service tag	Yes	
Product family code	4MX433 [MAXOS LED FOR TTX400 EM	
	3H3S]	
Lighting Technology	LED	
Value ladder	Performance	

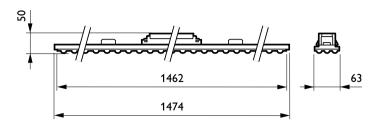
Datasheet, 2024, January 16 data subject to change

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CE mark	Yes	Fixation material	Steel
Warranty period		Housing Color	White
Flammability mark	5 years	Optical cover finish	Clear
ENEC mark	ENEC mark	Overall length	1.474 mm
Glow-wire test		Overall width	63 mm
	Temperature 650 °C, duration 30 s		
EU RoHS compliant	Yes	Overall height	50 mm
Light Tochnical		Dimensions (Height x Width x Depth)	50 x 63 x 1474 mm
Light Technical Luminous Flux	5,500 lm	Approval and Application	
	4000 K	Approval and Application	ID20 (Finger protected)
Correlated Color Temperature (Nom) Luminous Efficacy (rated) (Nom)		Ingress protection code	IP20 [Finger-protected]
	149 lm/W ≥80	Mech. impact protection code	IK02 [0.2 J standard]
Color rendering index (CRI)	1	Sustainability rating Protection class IEC	Safatu class I
Number of light sources		Protection class IEC	Safety class I
Beam angle of light source	120 degree(s)	Initial Porformance (IEC Compliant)	
Light source color	840 neutral white	Initial Performance (IEC Compliant)	. / 109/
Optic type Optical cover type	Wide beam Polymethyl methacrylate bowl/cover	Luminous flux tolerance Initial chromaticity	+/-10% (0.38, 0.38) SDCM <3.5
	90°	- <u> </u>	• • •
Luminaire light beam spread		Power consumption tolerance	+/-10%
Unified glare rating CEN	Not applicable	Over Time Derformance (IEC Compli	ant)
Operating and Floatwicel		Over Time Performance (IEC Complia	-
Operating and Electrical	220, 240 V	Control gear failure rate at median useful life 50000 h	5 %
Input Voltage	220-240 V	_	10.0/
Line Frequency	50 to 60 Hz	Control gear failure rate at median useful life 100000 h	10 %
Inrush current	21 A	Lumen maintenance at median useful life*	100
Inrush time	0.28 ms	50000 h	190
Power Consumption	37 W	Lumen maintenance at median useful life*	190
Power Factor (Fraction)	0.97	- 100000 h	180
Connection	Connection unit 5-pole		
Cable	-	Application Conditions	
Number of products on MCB of 16 A type	24	Performance ambient temperature Tq	
В		Maximum dim level	1%
Tamananatura		Suitable for random switching	Not applicable
Temperature	20.4 25.06	- Suitable for faildoill switching	Not applicable
Ambient temperature range	-20 to +35 °C	Product Data	
Controls and Dimension		_	4MV422 401 ED555 /840 DSD WD WH EI D2
Controls and Dimming	· · · · · · · · · · · · · · · · · · ·	Order product name Full product name	4MX433 491 LED55S/840 PSD WB WH ELB3 4MX433 491 LED55S/840 PSD WB WH ELB3
Dimmable	Yes	Full product code	871869697060799
Driver/power unit/transformer	Power supply unit with DALI interface	Order code	910500460155
Control interface	DALI	_	
Constant light output	No	Material Nr. (12NC)	910500460155
Manhautal audit		Numerator - Quantity Per Pack	9719606070607
Mechanical and Housing		EAN/UPC - Product/Case	8718696970607
Housing Material	Steel	Numerator - Packs per outer box	3
Reflector material	-	EAN/UPC - Case	8718696971468
Optic material	Polymethyl methacrylate	_	
Optical cover material	Polymethyl methacrylate	_	

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Dimensional drawing





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