



Maxos LED inserts for TTX400

4MX416 491 LED55S/840 PSD NB WH

MAXOS LED FOR TTX400 EM 1H6S, LED Module, system flux 5500 lm, 840 neutral white, Power supply unit with DALI interface, Narrow 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]	
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.
Service tag	Yes
Product family code	4MX416 [MAXOS LED FOR TTX400 EM 1H6S]
Lighting Technology	LED
Value ladder	Performance

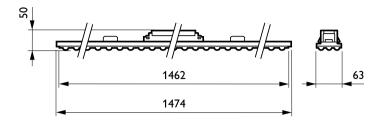
Datasheet, 2023, September 4 data subject to change

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CE mark	Yes	Optic material	Polymethyl methacrylate
Warranty period	5 years	Optical cover material	Polymethyl methacrylate
Flammability mark	<u>-</u>	Fixation material	Steel
ENEC mark	ENEC mark	Housing Color	White
Glow-wire test	Temperature 650 °C, duration 30 s	Optical cover finish	Clear
EU RoHS compliant	Yes	Overall length	1,474 mm
		Overall width	63 mm
Light Technical		Overall height	50 mm
Luminous Flux	5,500 lm	Dimensions (Height x Width x Depth)	50 x 63 x 1474 mm
Correlated Color Temperature (Nom)	4000 K		
Luminous Efficacy (rated) (Nom)	149 lm/W	Approval and Application	
Color rendering index (CRI)	≥80	Ingress protection code	IP20 [Finger-protected]
Number of light sources	1	Mech. impact protection code	IK02 [0.2 J standard]
Beam angle of light source	120 degree(s)	Protection class IEC	Safety class I
Light source color	840 neutral white		
Optic type	Narrow beam	Initial Performance (IEC Compliant)	
Optical cover type	Polymethyl methacrylate bowl/cover	Luminous flux tolerance	+/-10%
Luminaire light beam spread	50°	Initial chromaticity	(0.38, 0.38) SDCM <3.5
Unified glare rating CEN	Not applicable	Power consumption tolerance	+/-10%
Operating and Electrical		Over Time Performance (IEC Compl	iant)
Input Voltage	220-240 V	Control gear failure rate at median useful 5 %	
Line Frequency	50 to 60 Hz	life 50000 h	
Inrush current	21 A	Lumen maintenance at median useful	L80
Inrush time	0.28 ms	life* 50000 h	
Power Consumption	37 W		
Power Factor (Fraction)	0.9	Application Conditions	
Connection	Connection unit 5-pole	Performance ambient temperature Tq	25 ℃
Cable	-	Maximum dim level	1%
Number of products on MCB of 16 A type	24	Suitable for random switching	Not applicable
В			
		Product Data	
Temperature		Order product name	4MX416 491 LED55S/840 PSD NB WH
Ambient temperature range	-20 to +35 °C	Full product name	4MX416 491 LED55S/840 PSD NB WH
		Full product code	403073267297499
Controls and Dimming		Order code	910629167826
Dimmable	Yes	Material Nr. (12NC)	910629167826
Driver/power unit/transformer	Power supply unit with DALI interface	Numerator - Quantity Per Pack	1
Control interface	DALI	EAN/UPC - Product/Case	4030732672974
Constant light output	No	Numerator - Packs per outer box	3
		EAN/UPC - Case	4030732273980
Mechanical and Housing			
Housing Material	Steel		
Reflector material	-		

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Dimensional drawing





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