



Maxos LED inserts for TTX400

4MX416 491 LED66S/840 PSD WB WH

MAXOS LED FOR TTX400 EM 1H6S, LED module, system flux 6600 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	LED66S [LED module, system flux 6600	
	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	

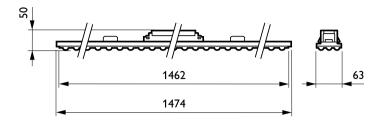
Datasheet, 2023, September 4 data subject to change

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Product family code	4MX416 [MAXOS LED FOR TTX400 EM	Optical cover material	Polymethyl methacrylate
	1H6S]	Fixation material	Steel
Lighting Technology	LED	Housing Color	White
Value ladder	Performance	Optical cover finish	Clear
CE mark	Yes	Overall length	1,478 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 1478 mm
Glow-wire test	Temperature 850 °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	6,600 lm	Protection class IEC	Safety class I
Saturated Red (R9)	<50	Photobiological risk	Photobiological risk group 0 @200mm to
Correlated Color Temperature (Nom)	4000 K		EN62778
Luminous Efficacy (rated) (Nom)	147 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	Wide beam		
Optical cover type	Polymethyl methacrylate bowl/cover	Over Time Performance (IEC Complia	nt)
Luminaire light beam spread	90°	Control gear failure rate at median useful	5 %
Unified glare rating CEN	Not applicable	life 50000 h	
		Lumen maintenance at median useful life*	-
Operating and Electrical		35000 h	
Input Voltage	220 to 240 V	Lumen maintenance at median useful life*	L80
Line Frequency	50 to 60 Hz	50000 h	
Initial CLO power consumption	- W	Lumen maintenance at median useful life*	-
Average CLO power consumption	- W	75000 h	
Inrush current	21 A	Lumen maintenance at median useful life*	-
Inrush time	280 ms	100000 h	
Power Consumption	45 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 B	24	Suitable for random switching	Not applicable
Temperature		Product Data	
Ambient temperature range	-20 to +35 °C	Order product name	4MX416 491 LED66S/840 PSD WB WH
		Full product name	4MX416 491 LED66S/840 PSD WB WH
Controls and Dimming		Full product code	871869697032499
Dimmable	Yes	Order code	910500460127
Driver/power unit/transformer	Power supply unit with DALI interface	Material Nr. (12NC)	910500460127
Control interface	DALI	Numerator - Quantity Per Pack	1
Constant light output	No	EAN/UPC - Product/Case	8718696970324
		Numerator - Packs per outer box	3
Mechanical and Housing		EAN/UPC - Case	8718696971185
Housing Material	Steel		
Reflector material	-		
Optic material	Polymethyl methacrylate		

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Dimensional drawing





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