



Maxos LED inserts for TTX400

4MX416 491 LED66S/840 PSD NB WH C-2R

MAXOS LED FOR TTX400 EM 1H6S, LED module, system flux 6600 lm, 840 neutral white, Power supply unit with DALI interface, Narrow beam, 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	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.

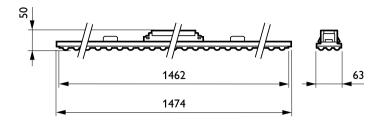
Datasheet, 2023, September 4 data subject to change

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Service tag	Yes	Mechanical and Housing	
Product family code	4MX416 [MAXOS LED FOR TTX400 EM 1H6S]	Housing Material	Steel
Lighting Technology	LED	Reflector material	-
Value ladder	Performance	Optic material	Polymethyl methacrylate
CE mark	Yes	Optical cover material	Polymethyl methacrylate
Warranty period	5 years	Fixation material	Steel
Flammability mark	-	Housing Color	White
ENEC mark	ENEC mark	Optical cover finish	Clear
Glow-wire test	Temperature 650 °C, duration 30 s	Overall length	1,474 mm
EU RoHS compliant	Yes	Overall width	63 mm
		Overall height	50 mm
Light Technical		Dimensions (Height x Width x Depth)	50 x 63 x 1474 mm
Luminous Flux	6,600 lm		
Correlated Color Temperature (Nom)	4000 K	Approval and Application	
Luminous Efficacy (rated) (Nom)	147 lm/W	Ingress protection code	IP20 [Finger-protected]
Color rendering index (CRI)	≥80	Mech. impact protection code	IK02 [0.2 J standard]
Number of light sources	1	Protection class IEC	Safety class I
Beam angle of light source	120 degree(s)		
Light source color	840 neutral white	Initial Performance (IEC Compliant)
Optic type	Narrow beam	Luminous flux tolerance	+/-10%
Optical cover type	Polymethyl methacrylate bowl/cover	Initial chromaticity	(0.38, 0.38) SDCM <3.5
Luminaire light beam spread	50°	Power consumption tolerance	+/-10%
Unified glare rating CEN	Not applicable		
		Over Time Performance (IEC Comp	liant)
Operating and Electrical		Control gear failure rate at median usefu	l 5 %
Input Voltage	220-240 V	life 50000 h	
Line Frequency	50 to 60 Hz	Lumen maintenance at median useful	L80
Inrush current	21 A	life* 50000 h	
Inrush time	0.28 ms		
Power Consumption	45 W	Application Conditions	
Power Factor (Fraction)	0.9	Performance ambient temperature Tq	25 ℃
Connection	Connector with 2 additional wires for light	Maximum dim level	1%
	regulation	Suitable for random switching	Not applicable
Cable	-		
Number of products on MCB of 16 A type 24		Product Data	
В		Order product name	4MX416 491 LED66S/840 PSD NB WH C-
		Full product name	4MX416 491 LED66S/840 PSD NB WH C-
Temperature		Full product code	871869697037999
Ambient temperature range	-20 to +35 ℃	Order code	910500460132
		Material Nr. (12NC)	910500460132
Controls and Dimming		Numerator - Quantity Per Pack	1
Dimmable	Yes	EAN/UPC - Product/Case	8718696970379
Driver/power unit/transformer	Power supply unit with DALI interface	Numerator - Packs per outer box	3
Control interface	DALI	EAN/UPC - Case	8718696971239
Constant light output	No		

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Dimensional drawing





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