



# Maxos LED inserts for TTX400

## 4MX416 581 LED55S/840 PSD NB WH C-2R

MAXOS LED FOR TTX400 EM 1H6S, LED Module, system flux 5500 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	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.

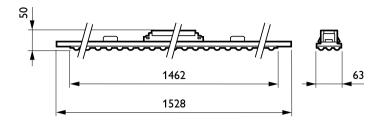
Datasheet, 2023, September 4 data subject to change

# **Maxos LED inserts for TTX400**

Consider that	Voc	Machanical and Housing		
Service tag  Product family code	Yes  AMY/16 IMAYOS I ED EOR TTY/00 EM 1H6SI	Mechanical and Housing	Steel	
Product family code	4MX416 [MAXOS LED FOR TTX400 EM 1H6S] LED	Housing Material  Reflector material	Steet	
Lighting Technology		-	- Dolumenthy discretice and date	
Value ladder  CE mark	Performance	Optical sever material	Polymethyl methacrylate	
-	Yes	Optical cover material	Polymethyl methacrylate	
Warranty period	5 years	Fixation material	Steel	
Flammability mark	<del>-</del>	Housing Color	White	
ENEC mark	ENEC mark	Optical cover finish	Clear	
Glow-wire test	Temperature 650 °C, duration 30 s	Overall length	1,528 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 1528 mm	
Luminous Flux	5,500 lm			
Correlated Color Temperature (Nom)	4000 K	Approval and Application		
Luminous Efficacy (rated) (Nom)	149 lm/W	Ingress protection code	IP20 [Finger-protected]	
Color rendering index (CRI)	≥80	Mech. impact protection code	IKO2 [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 Compliant)		
Operating and Electrical		Control gear failure rate at median usefu	1 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	37 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 581 LED55S/840 PSD NB WH C-2R	
		Full product name	4MX416 581 LED55S/840 PSD NB WH C-2R	
Temperature		Full product code	871869697051599	
Ambient temperature range	-20 to +35 °C	Order code	910500460146	
		Material Nr. (12NC)	910500460146	
Controls and Dimming		Numerator - Quantity Per Pack	1	
Dimmable	Yes	EAN/UPC - Product/Case	8718696970515	
Driver/power unit/transformer	Power supply unit with DALI interface	Numerator - Packs per outer box	3	
	DALI	EAN/UPC - Case	8718696971376	
Control interface	DALI	LAN, or C case	0,100303,13,0	

### **Maxos LED inserts for TTX400**

### Dimensional drawing





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