



Maxos LED inserts for TTX400

4MX400 491 LED55S/830 PSD NB WH

Maxos LED Retrofit for TTX400, LED Module, system flux 5500 lm, Power supply unit with DALI interface, Narrow beam

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	4MX400 [Maxos LED Retrofit for TTX400]	
Lighting Technology	LED	
Value ladder	Performance	
CE mark	Yes	
Warranty period	5 years	
Flammability mark	-	

Datasheet, 2023, August 31 data subject to change

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ENEC mark	ENEC mark	Optical cover finish	Clear
Glow-wire test	Temperature 650 °C, duration 30 s	Overall length	1,474 n
EU RoHS compliant	Yes	Overall width	63 mm
		Overall height	50 mm
Light Technical		Dimensions (Height x Width x Depth)	50 x 6
Luminous Flux	5,200 lm		
Correlated Color Temperature (Nom)	3000 K	Approval and Application	
Luminous Efficacy (rated) (Nom)	169 lm/W	Ingress protection code	IP20 [F
Color rendering index (CRI)	≥80	Mech. impact protection code	IK02 [0
Number of light sources	1	Sustainability rating	-
Beam angle of light source	120 degree(s)	Protection class IEC	Safety
Light source color	830 warm 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	(0.43,
Unified glare rating CEN	Not applicable	Power consumption tolerance	+/-10%
Operating and Electrical		Over Time Performance (IEC Complia	ant)
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	Control gear failure rate at median useful	10 %
Inrush time	0.28 ms	life 100000 h	
Power Consumption	32.5 W	Lumen maintenance at median useful life*	L90
Power Factor (Fraction)	0.97	50000 h	
Connection	Connection unit 5-pole	Lumen maintenance at median useful life*	L80
Cable	-	100000 h	
Number of products on MCB of 16 A type	24		
В		Application Conditions	
		Performance ambient temperature Tq	25 ℃
Temperature		Maximum dim level	1%
Ambient temperature range	-20 to +35 °C	Suitable for random switching	Not ap
Controls and Dimming		Product Data	
Dimmable	Yes	Order product name	4MX40
Driver/power unit/transformer	Power supply unit with DALI interface	Full product name	4MX40
Control interface	DALI	Full product code	40307
Constant light output	No	Order code	66245
Constant light output		Material Nr. (12NC)	91062
Mechanical and Housing		Numerator - Quantity Per Pack	1
Housing Material	Steel	EAN/UPC - Product/Case	40307
Reflector material	-	Numerator - Packs per outer box	3
Optic material	Polymethyl methacrylate	EAN/UPC - Case	40307
Optical cover material	Polymethyl methacrylate		
Fixation material	Steel	_	

Clear 1,474 mm 63 mm 50 mm

50 x 63 x 1474 mm

IP20 [Finger-protected] IK02 [0.2 J standard]

(0.43, 0.40) SDCM <3.5

Safety class I

+/-10%

+/-10%

Not applicable

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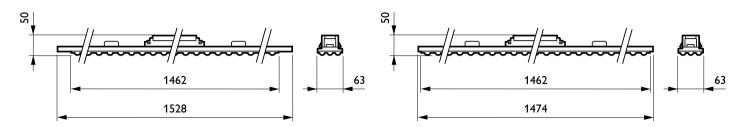
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Dimensional drawing





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