



Maxos LED inserts for TTX400

4MX400 581 LED55S/830 PSD WB WH

Maxos LED Retrofit for TTX400, LED Module, system flux 5500 lm, 830 warm 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 colour temperatures and glare factors. The minimalistic Maxos LED Industry 4MX400 panel 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 Industry 4MX400 panel 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	Unit	
Gear	-	
Driver included	Yes	
Remarks	*- According to the Lighting Europe	
	guidance paper 'Evaluating performance of	

	LED based luminaires – January 2018':
	statistically there is no relevant difference in
	lumen maintenance between the B50 and,
	for example, the B10. Therefore, the median
	useful life (B50) value also represents the
	B10 value.
Product family code	4MX400 [Maxos LED Retrofit for TTX400]
Lighting Technology	LED

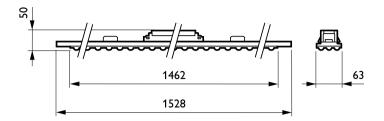
Datasheet, 2023, April 14 data subject to change

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Value ladder	Performance	Fixation material	Steel
CE mark	Yes	Housing Colour	White
Warranty period	5 years	Optical cover/lens finish	Clear
Flammability mark	-	Overall length	1,528 mm
ENEC mark	ENEC mark	Overall width	63 mm
Glow-wire test	Temperature 650 °C, duration 30 s	Overall height	50 mm
EU RoHS compliant	Yes	Dimensions (height x width x depth)	50 x 63 x 1528 mm
Light Technical		Approval and Application	
Luminous Flux	5,500 lm	Ingress protection code	IP20 [Finger-protected]
Correlated Colour Temperature	3000 K	Mech. impact protection code	IKO2 [0.2 J standard]
Luminous efficacy (rated) (nom.)	169 lm/W	Sustainability rating	
Colour rendering index (CRI)	≥80	Protection class IEC	Safety class I
Number of light sources	1		
Beam angle of light source	120 degree(s)	Initial Performance (IEC Compliant)	
Light source colour	830 warm white	Luminous flux tolerance	+/-10%
Optic type	Wide beam	Initial chromaticity	(0.43, 0.40) SDCM <3.5
Optical cover type	Polymethyl methacrylate bowl/cover	Power consumption tolerance	+/-10%
Luminaire light beam spread	90°		
Unified Glare Rating (CEN)	Not applicable	Over Time Performance (IEC Complia	ant)
		Control gear failure rate at median useful	5 %
Operating and Electrical		life 50,000 h	
Input Voltage	220-240 V	Control gear failure rate at median useful	10 %
Line Frequency	50 to 60 Hz	life 100,000 h	
Inrush current	21 A	Lumen maintenance at median useful life*	L90
Inrush time	0.28 ms	50,000 h	
Power Consumption	32.5 W	Lumen maintenance at median useful life*	L80
Power Factor (Fraction)	0.97	100,000 h	
Connection	Connection unit 5-pole		
Cable		Application Conditions	
Number of products on MCB of 16 A type	24	Performance ambient temperature Tq	25 ℃
В		Maximum dim level	1%
		Suitable for random switching	Not applicable
Temperature		Duadust Data	
Ambient temperature range	-20 to +35 ℃	Product Data	ANALYANO FOR LEDGES (020 DCD WD WILL
		Order product name	4MX400 581 LED55S/830 PSD WB WH
Controls and Dimming		Full FOC	4MX400 581 LED55S/830 PSD WB WH
Dimmable	Yes	Full EOC	403073266254899
Driver/power unit/transformer	Power supply unit with DALI interface	Order code	66254899
Control interface	DALI	Material no. (12 NC)	910629124526
Constant light output	No	SAP numerator – quantity per pack	1
		EAN/UPC — Product/Case	4030732662548
Mechanical and Housing		Numerator – packs per outer box	4020722270557
Housing material	Steel	EAN/UPC - Case	4030732259557
Reflector material			
Optic material	Polymethyl methacrylate		
Optical cover/lens material	Polymethyl methacrylate		

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Dimensional drawing





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