Maxos LED inserts for TTX400

4MX400 581 LED55S/830 PSU NB WH

Maxos LED Retrofit for TTX400, LED Module, system flux 5500 lm, 830 warm white, Power supply unit (On/Off), Narrow 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	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.
Product family code	4MX400 [Maxos LED Retrofit for TTX400]
Lighting Technology	LED
Value ladder	Performance
CE mark	Yes

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Warranty period	5 years	**Optic material**	Polymethyl methacrylate
Flammability mark	–	**Optical cover material**	Polymethyl methacrylate
ENEC mark	ENEC mark	**Fixation material**	Steel
Glow-wire test	Temperature 650 °C, duration 30 s	**Housing Color**	White
EU RoHS compliant	Yes	**Optical cover finish**	Clear
		Overall length	1,528 mm
Light Technical		**Overall width**	63 mm
Luminous Flux	5,500 lm	**Overall height**	50 mm
Correlated Color Temperature (Nom)	3000 K	**Dimensions (Height x Width x Depth)**	50 x 63 x 1528 mm
Luminous Efficacy (rated) (Nom)	157 lm/W		
Color rendering index (CRI)	≥80	**Approval and Application**	
Number of light sources	1	**Ingress protection code**	IP20 [Finger–protected]
Beam angle of light source	120 degree(s)	**Mech. impact protection code**	IK02 [0.2 J standard]
Light source color	830 warm white	**Protection class IEC**	Safety class I
Optic type	Narrow beam		
Optical cover type	Polymethyl methacrylate bowl/cover	**Initial Performance (IEC Compliant)**	
Luminaire light beam spread	50°	**Luminous flux tolerance**	+/–10%
Unified glare rating CEN	Not applicable	**Initial chromaticity**	(0.43, 0.40) SDCM <3.5
		Power consumption tolerance	+/–10%
Operating and Electrical			
Input Voltage	220–240 V	**Over Time Performance (IEC Compliant)**	
Line Frequency	50 to 60 Hz	**Control gear failure rate at median useful life 50000 h**	5 %
Inrush current	17.8 A		
Inrush time	0.282 ms	**Lumen maintenance at median useful life* 50000 h**	L80
Power Consumption	35 W		
Power Factor (Fraction)	0.9		
Connection	Connection unit 3–pole	**Application Conditions**	
Cable	–	**Performance ambient temperature Tq**	25 °C
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**	4MX400 581 LED55S/830 PSU NB WH
		Full product name	4MX400 581 LED55S/830 PSU NB WH
Controls and Dimming		**Full product code**	403073266592199
Dimmable	No	**Order code**	66592199
Driver/power unit/transformer	Power supply unit (On/Off)	**Material Nr. (12NC)**	910629157126
Constant light output	No	**Numerator – Quantity Per Pack**	1
		EAN/UPC – Product/Case	4030732665921
Mechanical and Housing		**Numerator – Packs per outer box**	3
Housing Material	Steel	**EAN/UPC – Case**	4030732264070
Reflector material	–		

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Dimensional drawing

50

1462

1528

63

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2023, April 29 – data subject to change