



Maxos LED inserts for TTX400

4MX400 581 LED55S/840 PSD A20 WH

Maxos LED Retrofit for TTX400, LED Module, system flux 5500 lm, 840 neutral white, Power supply unit with DALI interface, Asymmetrical mirror axis angle 20°, 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

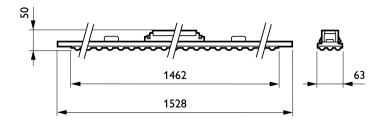
Datasheet, 2023, April 15 data subject to change

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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	4000 K	Mech. impact protection code	IK02 [0.2 J standard]
Luminous efficacy (rated) (nom.)	169 lm/W	Sustainability rating	_
Colour rendering index (CRI)	≥80	Protection class IEC	Safety class I
Beam angle of light source	120 degree(s)		
Light source colour	840 neutral white	Initial Performance (IEC Compliant)	
Optic type	Asymmetrical mirror axis angle 20°	Luminous flux tolerance	+/-10%
Optical cover type	Polymethyl methacrylate bowl/cover	Initial chromaticity	(0.38, 0.38) SDCM <3.5
Luminaire light beam spread	20°	Power consumption tolerance	+/-10%
Unified Glare Rating (CEN)	Not applicable		
		Over Time Performance (IEC Compli	ant)
Operating and Electrical		Control gear failure rate at median useful	5 %
Input Voltage	220-240 V	life 50,000 h	
Line Frequency	50 to 60 Hz	Control gear failure rate at median useful	10 %
Inrush current	21 A	life 100,000 h	
Inrush time	0.28 ms	Lumen maintenance at median useful life*	L90
Power Consumption	32.5 W	50,000 h	
Power Factor (Fraction)	0.97	Lumen maintenance at median useful life*	L80
Connection	Connection unit 5-pole	100,000 h	
Cable			
Number of products on MCB of 16 A type	24	Application Conditions	
В		Performance ambient temperature Tq	25 °C
		Maximum dim level	1%
Temperature		Suitable for random switching	Not applicable
Ambient temperature range	-20 to +35 ℃		
		Product Data	
Controls and Dimming		Order product name	4MX400 581 LED55S/840 PSD A20 WH
Dimmable	Yes	Full product name	4MX400 581 LED55S/840 PSD A20 WH
Driver/power unit/transformer	Power supply unit with DALI interface	Full EOC	403073266903599
Control interface	DALI	Order code	66903599
Constant light output	No	Material no. (12 NC)	910629163126
		SAP numerator – quantity per pack	1
Mechanical and Housing		EAN/UPC — Product/Case	4030732669035
Housing material	Steel	Numerator – packs per outer box	3
Reflector material		EAN/UPC - Case	4030732268528
Optic material	Polymethyl methacrylate		
Optical cover/lens material	Polymethyl methacrylate		

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Dimensional drawing





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