



Maxos LED inserts for TTX400

4MX433 581 LED55S/840 PSD NB WH ELB3

MAXOS LED FOR TTX400 EM 3H3S, LED Module, system flux 5500 lm, 840 neutral white, Power supply unit with DALI interface, 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]	
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	4MX433 [MAXOS LED FOR TTX400 EM	
	3H3S]	
Lighting Technology	LED	
Value ladder	Performance	

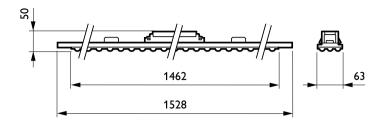
Datasheet, 2024, January 16 data subject to change

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CE mark	Yes	Housing Color	White
Warranty period	5 years	Optical cover 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 Color Temperature (Nom)	4000 K	Mech. impact protection code	IK02 [0.2 J standard]
Luminous Efficacy (rated) (Nom)	149 lm/W	Sustainability rating	-
Color 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 color	840 neutral white	Luminous flux tolerance	+/-10%
Optic type	Narrow beam	Initial chromaticity	(0.38, 0.38) SDCM <3.5
Optical cover type	Polymethyl methacrylate bowl/cover	Power consumption tolerance	+/-10%
Luminaire light beam spread	50°		
Unified glare rating CEN	Not applicable	Over Time Performance (IEC Complia	ant)
		Control gear failure rate at median useful	5 %
Operating and Electrical		life 50000 h	
Input Voltage	220-240 V	Control gear failure rate at median useful	10 %
Line Frequency	50 to 60 Hz	life 100000 h	
Inrush current	21 A	Lumen maintenance at median useful life*	L90
Inrush time	0.28 ms	50000 h	
Power Consumption	37 W	Lumen maintenance at median useful life*	L80
Power Factor (Fraction)	0.97	100000 h	
Connection	Connection unit 5-pole		
Cable	-	Application Conditions	
Number of products on MCB of 16 A type E	3 24	Performance ambient temperature Tq	25 ℃
		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	4MX433 581 LED55S/840 PSD NB WH ELB3
Dimmable	Yes	Full product name	4MX433 581 LED55S/840 PSD NB WH ELB3
Driver/power unit/transformer	Power supply unit with DALI interface	Full product code	871869697077599
Control interface	DALI	Order code	910500460172
Constant light output	No	Material Nr. (12NC)	910500460172
		Numerator - Quantity Per Pack	1
Mechanical and Housing		EAN/UPC - Product/Case	8718696970775
Housing Material	Steel	Numerator - Packs per outer box	3
Reflector material	-	EAN/UPC - Case	8718696971635
Optic material	Polymethyl methacrylate		
Optical cover material	Polymethyl methacrylate		
Fixation material	Steel		

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Dimensional drawing





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