



# **Maxos LED inserts for TTX400**

# 4MX433 581 LED55S/840 PSD WB WH ELB3C-2R

MAXOS LED FOR TTX400 EM 3H3S, LED Module, system flux 5500 lm, 840 neutral white, Power supply unit with DALI interface, Wide beam, Connector with 2 additional wires for light regulation, 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

Datasheet, 2024, January 16 data subject to change

## **Maxos LED inserts for TTX400**

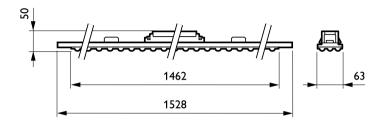
	life (B50) value also represents the B10	Mechanical and Housing	
	value.	Housing Material	Steel
Service tag	Yes	Reflector material	-
Product family code	4MX433 [MAXOS LED FOR TTX400 EM	Optic material	Polymethyl methacrylate
	3H3S]	Optical cover material	Polymethyl methacrylate
Lighting Technology	LED	Fixation material	Steel
Value ladder	Performance	Housing Color	White
CE mark	Yes	Optical cover finish	Clear
Warranty period	5 years	Overall length	1,528 mm
Flammability mark	-	Overall width	63 mm
ENEC mark	ENEC mark	Overall height	50 mm
Glow-wire test	Temperature 850 °C, duration 30 s	Dimensions (Height x Width x Depth)	50 x 63 x 1528 mm
EU RoHS compliant	Yes		
		Approval and Application	
Light Technical		Ingress protection code	IP20 [Finger-protected]
Luminous Flux	5,500 lm	Mech. impact protection code	IK02 [0.2 J standard]
Saturated Red (R9)	<50	Sustainability rating	-
Correlated Color Temperature (Nom)	4000 K	Protection class IEC	Safety class I
Luminous Efficacy (rated) (Nom)	149 lm/W	Photobiological risk	Photobiological risk group 0 @200mm to
Color rendering index (CRI)	≥80		EN62778
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	Wide 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	90°		
Unified glare rating CEN	Not applicable	Over Time Performance (IEC Complia	int)
		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	
Initial CLO power consumption	- W	Lumen maintenance at median useful life*	-
Average CLO power consumption	- W	35000 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*	-
Power Factor (Fraction)	0.97	75000 h	
Connection	Connector with 2 additional wires for light	Lumen maintenance at median useful life*	L80
	regulation	100000 h	
Cable			
Number of products on MCB of 16 A type B	24	Application Conditions	
		Performance ambient temperature Tq	25 °C
Temperature		Maximum dim level	1%
Ambient temperature range	-20 to +35 ℃	Suitable for random switching	Not applicable
Controls and Dimming		Product Data	
Dimmable	Yes	Order product name	4MX433 581 LED55S/840 PSD WB WH
Driver/power unit/transformer	Power supply unit with DALI interface		ELB3C-2R
Control interface	DALI	Full product name	4MX433 581 LED55S/840 PSD WB WH
Constant light output	No		ELB3C-2R
		Full product code	871869697087499
		Order code	910500460182

## **Maxos LED inserts for TTX400**

Material Nr. (12NC)	910500460182
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696970874
Numerator - Packs per outer box	3

EAN/UPC - Case	8718696971734

### Dimensional drawing





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