



# Maxos LED inserts for TTX400

## 4MX400 581 LED55S/840 PSD NB WH

Maxos LED Retrofit for TTX400 - 1 unit for TL-D 58 W - 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	
Number of light sources	1[1pc]
Lamp family code	LED55S [ LED Module, system flux 5500 lm]
Beam angle of light source	120 °
Light source colour	840 neutral white
Cap base	-[-]
Light source replaceable	No
Number of gear units	1 unit
Gear	-

Driver/power unit/transformer	PSD [ Power supply unit with DALI interface]
Driver included	Yes
Optic type	NB [ Narrow beam]
Optical cover/lens type	PM [ PMMA bowl/cover]
Luminaire light beam spread	50°
Emergency lighting	No [ -]
Control interface	DALI
Connection	CU5 [ Connection unit 5-pole]
Cable	-

Datasheet, 2021, April 1 data subject to change

# **Maxos LED inserts for TTX400**

Distriction class IEC	Safety class I (I)
Protection class IEC	Safety class I (I)
Glow-wire test	650/30 [ Temperature 650 °C, duration 30 s]
Flammability mark	NO [ -]
CE mark	CE mark
ENEC mark	ENEC mark
UL mark	<del>-</del>
Warranty period	5 years
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.
Constant light output	No
Number of products on MCB (16 A type	24
В)	
EU RoHS compliant	Yes
Product family code	4MX400 [ Maxos LED Retrofit for TTX400]
Unified glare rating CEN	Not applicable
Operating and Electrical	
Input Voltage	220-240 V
Input frequency	50 to 60 Hz
Control signal voltage	0-16 V DC DALI
Inrush current	21 A
Inrush time	0.28 ms
Power factor (min.)	0.9
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Trunking length	581 [ 1 unit for TL-D 58 W]
Housing material	Steel
Reflector material	<del>-</del>
Optic material	Polymethyl methacrylate
Optical cover/lens material	Polymethyl methacrylate
Fixation material	Steel
Optical cover/lens finish	Clear
Overall length	1528 mm
Overall width	
Overall width	63 mm

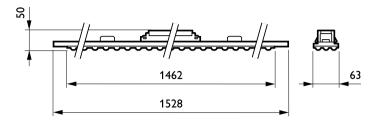
Overall height	50 mm
Colour	White
Dimensions (height x width x depth)	50 x 63 x 1528 mm (2 x 2.5 x 60.2 in)
Approval and Application	
Ingress protection code	IP20 [ Finger-protected]
Mech. impact protection code	IK02 [ 0.2 J standard]
Initial Performance (IEC Complian	t)
Initial luminous flux (system flux)	5500 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	167 lm/W
Init. Corr. Colour Temperature	4000 K
Init. Colour rendering index	≥80
Initial chromaticity	(0.38, 0.38) SDCM <3.5
Initial input power	33 W
Power consumption tolerance	+/-10%
Over Time Performance (IEC Comp	oliant)
Control gear failure rate at median	5 %
useful life 50,000 h	
Lumen maintenance at median useful	L80
life* 50,000 h	
Application Conditions	
Ambient temperature range	-20 to +35 ℃
Performance ambient temperature Tq	25 ℃
Maximum dimming level	1%
Suitable for random switching	Not applicable
Product Data	
Full product code	403073266255599
Order product name	4MX400 581 LED55S/840 PSD NB WH
EAN/UPC – product	4030732662555
Order code	66255599
SAP numerator – quantity per pack	1
Numerator – packs per outer box	3
SAP material	910629124626
SAP net weight (piece)	1.895 kg





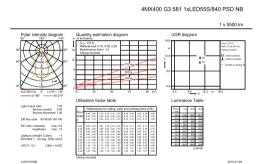
## **Maxos LED inserts for TTX400**

### Dimensional drawing

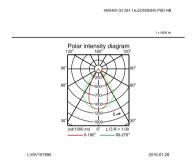


#### Maxos LED TTX400 retrofit 4MX400-433

### Photometric data



IFGU\_4MX400 G3 581 1xLED55S/840 PSD NB-General uniform lighting



IFPC\_4MX400 G3 581 1xLED55S/840 PSD NB-Polar Indoor (combined)



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