## **PHILIPS** Lighting



### Maxos LED inserts for TTX400

#### 4MX400 491 LED55S/840 PSD NB WH

Maxos LED Retrofit for TTX400, LED Module, system flux 5500 lm, Power supply unit with DALI interface, Narrow beam

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.
Yes
4MX400 [Maxos LED Retrofit for TTX400]
LED
Performance
Yes
5 years
-

#### Maxos LED inserts for TTX400

ENEC mark	ENEC mark
Glow-wire test	Temperature 650 °C, duration 30 s
EU RoHS compliant	Yes

Light Technical	
Luminous Flux	5,500 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	169 lm/W
Color rendering index (CRI)	≥80
Number of light sources	1
Beam angle of light source	120 degree(s)
Light source color	840 neutral white
Optic type	Narrow beam
Optical cover type	Polymethyl methacrylate bowl/cover
Luminaire light beam spread	50°
Unified glare rating CEN	Not applicable
onnied glare rating CEN	

Optical cover finish	Clear
Overall length	1,474 mm
Overall width	63 mm
Overall height	50 mm
Dimensions (Height x Width x Depth)	50 x 63 x 1474 mm

Approval and Application	
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Sustainability rating	-
Protection class IEC	Safety class I

#### Initial Performance (IEC Compliant)

Over Time Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38, 0.38) SDCM <3.5
Power consumption tolerance	+/-10%

Operating and Electrical	
Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Inrush current	21 A
Inrush time	0.28 ms
Power Consumption	32.5 W
Power Factor (Fraction)	0.97
Connection	Connection unit 5-pole
Cable	-
Number of products on MCB of 16 A type B 24	

-20 to +35 °C

#### Temperature

Ambient temperature range

#### **Controls and Dimming**

Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
Constant light output	No
Mechanical and Housing	
Housing Material	Steel
Reflector material	-
Optic material	Polymethyl methacrylate
Optical cover material	Polymethyl methacrylate
Fixation material	Steel
Housing Color	White

# Control gear failure rate at median useful 5 % life 50000 h 10 % Control gear failure rate at median useful 10 % life 100000 h 100 Lumen maintenance at median useful life\* L90 50000 h 100000 h Lumen maintenance at median useful life\* L80 100000 h 100000 h

#### **Application Conditions**

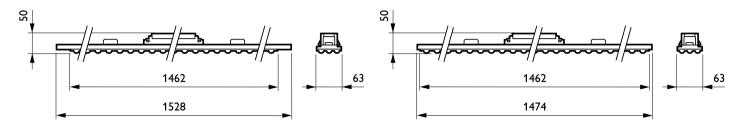
Performance ambient temperature Tq	25 °C
Maximum dim level	1%
Suitable for random switching	Not applicable

#### Product Data

Order product name	4MX400 491 LED55S/840 PSD NB WH
Full product name	4MX400 491 LED55S/840 PSD NB WH
Full product code	403073266247099
Order code	66247099
Material Nr. (12NC)	910629123826
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	4030732662470
Numerator - Packs per outer box	3
EAN/UPC - Case	4030732259489

#### Maxos LED inserts for TTX400

Dimensional drawing





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