# **PHILIPS** Lighting



# Maxos LED inserts for TTX400

# 4MX400 491 LED55S/830 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 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**

LED55S [LED Module, system flux 5500 lm]
No
Unit
-
Yes
*- 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
Value ladder	Performance
CE mark	Yes

## Maxos LED inserts for TTX400

Warranty period	5 years
Flammability mark	-
NEC mark	ENEC mark
Glow-wire test	Temperature 650 °C, duration 30 s
U RoHS compliant	Yes
ight Technical	
uminous Flux	5,200 lm
orrelated Colour Temperature	3000 K
uminous efficacy (rated) (nom.)	169 lm/W
olour rendering index (CRI)	≥80
umber of light sources	1
eam angle of light source	120 degree(s)
ght source colour	830 warm white
ptic type	Narrow beam
ptical cover type	Polymethyl methacrylate bowl/cover
uminaire light beam spread	50°
nified Glare Rating (CEN)	Not applicable
perating and Electrical	
put Voltage	220-240 V
ne Frequency	50 to 60 Hz
rush current	21 A
rush time	0.28 ms
ower Consumption	32.5 W
ower Factor (Fraction)	0.97
nnection	Connection unit 5-pole
able	-
umber of products on MCB of 16 A type	24
emperature	
mbient temperature range	-20 to +35 °C
ontrols and Dimming	
immable	Yes
	Power supply upit with DALL interface
	Power supply unit with DALI interface
river/power unit/transformer ontrol interface	DALI

### Mechanical and Housing

Housing material	Steel
Reflector material	-
Optic material	Polymethyl methacrylate
Optical cover/lens material	Polymethyl methacrylate
Fixation material	Steel

Housing Colour	White
Optical cover/lens 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)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.43, 0.40) SDCM <3.5
Power consumption tolerance	+/-10%

#### Over Time Performance (IEC Compliant)

Control gear failure rate at median useful	5 %
life 50,000 h	
Control gear failure rate at median useful	10 %
life 100,000 h	
Lumen maintenance at median useful life*	L90
50,000 h	
Lumen maintenance at median useful life*	L80
100,000 h	

#### Application Conditions

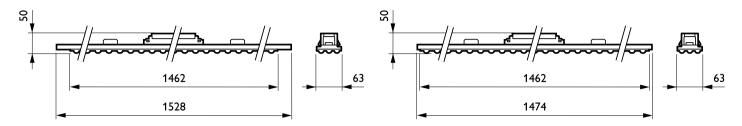
Performance ambient temperature Tq	25 ℃
Maximum dim level	1%
Suitable for random switching	Not applicable

#### Product Data

Order product name	4MX400 491 LED55S/830 PSD NB WH
Full product name	4MX400 491 LED55S/830 PSD NB WH
Full EOC	403073266245699
Order code	66245699
Material no. (12 NC)	910629123626
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	4030732662456
Numerator – packs per outer box	3
EAN/UPC - Case	4030732259465

# Maxos LED inserts for TTX400

Dimensional drawing





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