# **PHILIPS** Lighting



# Maxos LED inserts for TTX400

# 4MX433 491 LED55S/840 PSU WB WH

MAXOS LED FOR TTX400 EM 3H3S, LED Module, system flux 5500 lm, 840 neutral white, Power supply unit (On/Off), Wide 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**

LED55S [LED Module, system flux 5500 lm]
- [-]
No
1 unit
-
Yes
*-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.
Product family code	4MX433 [MAXOS LED FOR TTX400 EM
	3H3S]
Lighting Technology	LED
Value ladder	Performance

## Maxos LED inserts for TTX400

CE mark	Yes
Warranty period	5 years
Flammability mark	-
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)	149 lm/W

≥80

90°

120 degree(s)

Not applicable

840 neutral white Wide beam

Polymethyl methacrylate bowl/cover

1

Optic material	Polymethyl methacrylate
Optical cover material	Polymethyl methacrylate
Fixation material	Steel
Housing Color	White
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]
Protection class IEC	Safety class I

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

#### Over Time Performance (IEC Compliant)

Control gear failure rate at median useful	5 %
life 50000 h	
Lumen maintenance at median useful	L80
life* 50000 h	

#### Application Conditions

Performance ambient temperature Tq	25 °C
Suitable for random switching	Not applicable

#### Product Data

Product Data	
Order product name	4MX433 491 LED55S/840 PSU WB WH
Full product name	4MX433 491 LED55S/840 PSU WB WH
Full product code	871869697058499
Order code	910500460153
Material Nr. (12NC)	910500460153
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696970584
Numerator - Packs per outer box	3
EAN/UPC - Case	8718696971444

#### **Operating and Electrical**

Luminaire light beam spread

Unified glare rating CEN

Color rendering index (CRI)

Beam angle of light source Light source color

Number of light sources

Optic type Optical cover type

Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Inrush current	17.8 A
Inrush time	0.282 ms
Power Consumption	37 W
Power Factor (Fraction)	0.9
Connection	Connection unit 5-pole
Cable	-

Number of products on MCB of 16 A type 24

Temperature

Ambient temperature range

#### **Controls and Dimming**

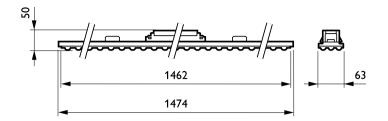
Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Constant light output	No
Mechanical and Housing	
Housing Material	Steel
Reflector material	-

-20 to +35 °C

в

## Maxos LED inserts for TTX400

Dimensional drawing





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