Maxos LED inserts for TTX400

4MX400 491 LED40S/830 PSU NB WH

Maxos LED Retrofit for TTX400, LED module, system flux 4000 lm, 830 warm white, Power supply unit (On/Off), 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 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

General Information	
Lamp family code	LED40S [LED module, system flux 4000 lm]
Cap base	- [-]
Light source replaceable	No
Number of gear units	Unit
Gear	-
Driver included	Yes

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.

Maxos LED inserts for TTX400

Product family code	4MX400 [Maxos LED Retrofit for TTX400]		**Reflector material**	–
Lighting Technology	LED		**Optic material**	Polymethyl methacrylate
Value ladder	Performance		**Optical cover/lens material**	Polymethyl methacrylate
CE mark	Yes		**Fixation material**	Steel
Warranty period	5 years		**Housing Colour**	White
Flammability mark	–		**Optical cover/lens finish**	Clear
ENEC mark	ENEC mark		**Overall length**	1,474 mm
Glow-wire test	Temperature 650 °C, duration 30 s		**Overall width**	63 mm
EU RoHS compliant	Yes		**Overall height**	50 mm
			Dimensions (height x width x depth)	50 x 63 x 1474 mm

Light Technical

Luminous Flux	4,000 lm
Correlated Colour Temperature	3000 K
Luminous efficacy (rated) (nom.)	148 lm/W
Colour rendering index (CRI)	≥80
Beam angle of light source	120 degree(s)
Light source colour	830 warm white
Optic type	Narrow beam
Optical cover type	Polymethyl methacrylate bowl/cover
Luminaire light beam spread	50°
Unified Glare Rating (CEN)	Not applicable

Operating and Electrical

Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Inrush current	17.8 A
Inrush time	0.282 ms
Power Consumption	27 W
Power Factor (Fraction)	0.9
Connection	Connection unit 3-pole
Cable	–
Number of products on MCB of 16 A type B	24

Temperature

Ambient temperature range	–20 to +35 °C

Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Constant light output	No

Mechanical and Housing

Housing material	Steel

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

Over Time Performance (IEC Compliant)

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

Application Conditions

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

Product Data

Order product name	4MX400 491 LED40S/830 PSU NB WH
Full product name	4MX400 491 LED40S/830 PSU NB WH
Full EOC	403073266574799
Order code	66574799
Material no. (12 NC)	910629155326
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	4030732665747
Numerator – packs per outer box	3
EAN/UPC – Case	4030732263899

Maxos LED inserts for TTX400

Dimensional drawing

50

1462

1528

63

50

1462

1474

63

www.lighting.philips.com

2023, April 29 – data subject to change