Maxos LED inserts for TTX400

4MX400 491 LED55S/830 PSD DA20 WH

Maxos LED Retrofit for TTX400, LED Module, system flux 5500 lm, 830 warm white, Power supply unit with DALI interface, Double asymmetric optic 20°, 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

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.
Service tag	Yes
Product family code	4MX400 [Maxos LED Retrofit for TTX400]
Lighting Technology	LED
Value ladder	Performance
CE mark	Yes

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Warranty period	5 years	**Housing Color**	White
Flammability mark	–	**Optical cover 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	5,500 lm		
Correlated Color Temperature (Nom)	3000 K	**Approval and Application**	
Luminous Efficacy (rated) (Nom)	169 lm/W	**Ingress protection code**	IP20 [Finger-protected]
Color rendering index (CRI)	≥80	**Mech. impact protection code**	IK02 [0.2 J standard]
Number of light sources	1	**Sustainability rating**	–
Beam angle of light source	120 degree(s)	**Protection class IEC**	Safety class I
Light source color	830 warm white		
Optic type	Double asymmetric optic 20°	**Initial Performance (IEC Compliant)**	
Optical cover type	Polymethyl methacrylate bowl/cover	**Luminous flux tolerance**	+/-10%
Luminaire light beam spread	20°	**Initial chromaticity**	(0.43, 0.40) SDCM <3.5
Unified glare rating CEN	Not applicable	**Power consumption tolerance**	+/-10%

Operating and Electrical

Input Voltage	220-240 V	**Over Time Performance (IEC Compliant)**	
Line Frequency	50 to 60 Hz	**Control gear failure rate at median useful life 50000 h**	5 %
Inrush current	21 A		
Inrush time	0.28 ms	**Control gear failure rate at median useful life 100000 h**	10 %
Power Consumption	32.5 W		
Power Factor (Fraction)	0.97	**Lumen maintenance at median useful life* 50000 h**	L90
Connection	Connection unit 5-pole		
Cable	–	**Lumen maintenance at median useful life* 100000 h**	L80
Number of products on MCB of 16 A type B	24		

Temperature

		Application Conditions	
Ambient temperature range	–20 to +35 °C	**Performance ambient temperature Tq**	25 °C
		Maximum dim level	1%
		Suitable for random switching	Not applicable

Controls and Dimming

Dimmable	Yes	**Product Data**	
Driver/power unit/transformer	Power supply unit with DALI interface	**Order product name**	4MX400 491 LED55S/830 PSD DA20 WH
Control interface	DALI	**Full product name**	4MX400 491 LED55S/830 PSD DA20 WH
Constant light output	No	**Full product code**	403073266319499
		Order code	66319499

Mechanical and Housing

		Material Nr. (12NC)	910629128426
Housing Material	Steel	**Numerator – Quantity Per Pack**	1
Reflector material	–	**EAN/UPC – Product/Case**	4030732663194
Optic material	Polymethyl methacrylate	**Numerator – Packs per outer box**	3
Optical cover material	Polymethyl methacrylate	**EAN/UPC – Case**	4030732260577
Fixation material	Steel		

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Dimensional drawing

50

1462

1528

63

50

1462

1474

63

![Philips logo]