



Maxos LED inserts for TTX400

4MX400 491 LED66S/840 PSD DA20 WH

Maxos LED Retrofit for TTX400, LED module, system flux 6600 lm, 840 neutral 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	LED66S [LED module, system flux 6600 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	

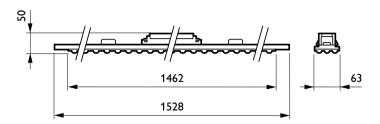
Datasheet, 2024, January 22 data subject to change

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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	6,600 lm	Approval and Application	
Correlated Color Temperature (Nom)	4000 K	Ingress protection code	IP20 [Finger-protected]
Luminous Efficacy (rated) (Nom)	169 lm/W	Mech. impact protection code	IK02 [0.2 J standard]
Color rendering index (CRI)	≥80	Sustainability rating	-
Number of light sources	1	Protection class IEC	Safety class I
Beam angle of light source	120 degree(s)		
Light source color	840 neutral white	Initial Performance (IEC Compliant)	
Optic type	Double asymmetric optic 20°	Luminous flux tolerance	+/-10%
Optical cover type	Polymethyl methacrylate bowl/cover	Initial chromaticity	(0.38, 0.38) SDCM <3.5
Luminaire light beam spread	20°	Power consumption tolerance	+/-10%
Unified glare rating CEN	Not applicable		
		Over Time Performance (IEC Complia	ant)
Operating and Electrical		Control gear failure rate at median useful	5 %
Input Voltage	220-240 V	life 50000 h	
Line Frequency	50 to 60 Hz	Control gear failure rate at median useful	10 %
Inrush current	21 A	life 100000 h	
Inrush time	0.28 ms	Lumen maintenance at median useful life*	L90
Power Consumption	39 W	50000 h	
Power Factor (Fraction)	0.97	Lumen maintenance at median useful life*	L80
Connection	Connection unit 5-pole	100000 h	
Cable	-		
Number of products on MCB of 16 A type	24	Application Conditions	
В		Performance ambient temperature Tq	25 ℃
		Maximum dim level	1%
Temperature		Suitable for random switching	Not applicable
Ambient temperature range	-20 to +35 °C		
		Product Data	
Controls and Dimming		Order product name	4MX400 491 LED66S/840 PSD DA20 W
Dimmable	Yes	Full product name	4MX400 491 LED66S/840 PSD DA20 W
Driver/power unit/transformer	Power supply unit with DALI interface	Full product code	403073266835999
Control interface	DALI	Order code	910629162926
Constant light output	No	Material Nr. (12NC)	910629162926
		Numerator - Quantity Per Pack	1
Mechanical and Housing		EAN/UPC - Product/Case	4030732668359
Housing Material	Steel	Numerator - Packs per outer box	3
Reflector material	-	EAN/UPC - Case	4030732267118
Optic material	Polymethyl methacrylate		
Optic material Optical cover material			

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Dimensional drawing





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