



Maxos LED inserts for TTX400

4MX433 491 LED66S/840 PSD DA20WHELB3C-2R

MAXOS LED FOR TTX400 EM 3H3S, LED module, system flux 6600 lm, 840 neutral white, Power supply unit with DALI interface, Double asymmetric optic 20°, Connector with 2 additional wires for light regulation, 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

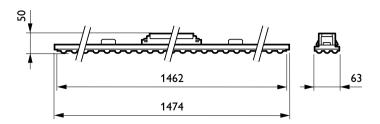
Datasheet, 2024, January 16 data subject to change

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	B10. Therefore, the median useful life (B50)	Reflector material	-
	value also represents the B10 value.	Optic material	Polymethyl methacrylate
Service tag	Yes	Optical cover material	Polymethyl methacrylate
Product family code	4MX433 [MAXOS LED FOR TTX400 EM	Fixation material	Steel
	3H3S]	Housing Color	White
Lighting Technology	LED	Optical cover finish	Clear
Value ladder	Performance	Overall length	1,474 mm
CE mark	Yes	Overall width	63 mm
Warranty period	5 years	Overall height	50 mm
Flammability mark	-	Dimensions (Height x Width x Depth)	50 x 63 x 1474 mm
ENEC mark	ENEC mark		
Glow-wire test	Temperature 650 °C, duration 30 s	Approval and Application	
EU RoHS compliant	Yes	Ingress protection code	IP20 [Finger-protected]
		Mech. impact protection code	IK02 [0.2 J standard]
Light Technical		Sustainability rating	-
Luminous Flux	6,600 lm	Protection class IEC	Safety class I
Correlated Color Temperature (Nom)	4000 K		
Luminous Efficacy (rated) (Nom)	147 lm/W	Initial Performance (IEC Compliant)	
Color rendering index (CRI)	≥80	Luminous flux tolerance	+/-10%
Number of light sources	1	Initial chromaticity	(0.38, 0.38) SDCM <3.5
Beam angle of light source	120 degree(s)	Power consumption tolerance	+/-10%
Light source color	840 neutral white		
Optic type	Double asymmetric optic 20°	Over Time Performance (IEC Compli	ant)
Optical cover type	Polymethyl methacrylate bowl/cover	Control gear failure rate at median useful	5 %
Luminaire light beam spread	20°	life 50000 h	
Unified glare rating CEN	Not applicable	Control gear failure rate at median useful	10 %
		life 100000 h	
Operating and Electrical		Lumen maintenance at median useful life*	L90
Input Voltage	220-240 V	50000 h	
Line Frequency	50 to 60 Hz	Lumen maintenance at median useful life*	L80
Inrush current	21 A	100000 h	
Inrush time	0.28 ms		
Power Consumption	45 W	Application Conditions	
Power Factor (Fraction)	0.97	Performance ambient temperature Tq	25 °C
Connection	Connector with 2 additional wires for light	Maximum dim level	1%
	regulation	Suitable for random switching	Not applicable
Cable	-		
Number of products on MCB of 16 A type	24	Product Data	
В		Order product name	4MX433 491 LED66S/840 PSD
			DA20WHELB3C-2R
Temperature		Full product name	4MX433 491 LED66S/840 PSD
Ambient temperature range	-20 to +35 ℃		DA20WHELB3C-2R
		Full product code	871869697070699
Controls and Dimming		Order code	910500460165
Dimmable	Yes	Material Nr. (12NC)	910500460165
Driver/power unit/transformer	Power supply unit with DALI interface	Numerator - Quantity Per Pack	1
Control interface	DALI	EAN/UPC - Product/Case	8718696970706
Constant light output	No	Numerator - Packs per outer box	3
		EAN/UPC - Case	8718696971567
Mechanical and Housing			
Housing Material	Steel		

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Dimensional drawing





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