



Maxos LED

4MX883 491 LED66S/840 PSU NB WH

MAXOS LED EM 3H3S, Generation 4, LED module, system flux 6600 lm, 840 neutral white, Power supply unit (On/Off), Narrow beam, Connection unit 5-pole, 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 Industry offers best-in-class energy savings while delivering high lux levels at the required color temperatures and glare factors. The minimalistic Maxos LED Industry system comprises exchangeable mid-power LED boards mounted on a standard Maxos trunking rail. A choice of wide and medium-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: the use of our upgradable LED engine platform makes Maxos LED Industry a truly future-proof solution.

Product data

General Information	
Lamp family code	LED66S [LED module, system flux 6600 lm]
Cap-Base	- [-]
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.
Product family code	4MX883 [MAXOS LED EM 3H3S]
Lighting Technology	LED
Value ladder	Performance
CE mark	Yes
Warranty period	5 years
Flammability mark	-
ENEC mark	ENEC mark
Glow-wire test	Temperature 650 °C, duration 30 s

Datasheet, 2023, September 4 data subject to change

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EU RoHS compliant	Yes	Fixation material	Steel
		Housing Color	White
Light Technical		Optical cover finish	Clear
Luminous Flux	6,600 lm	Overall length	1,478 mm
Correlated Color Temperature (Nom)	4000 K	Overall width	63 mm
Luminous Efficacy (rated) (Nom)	147 lm/W	Overall height	50 mm
Color rendering index (CRI)	≥80	Dimensions (Height x Width x Depth)	50 x 63 x 1478 mm
Number of light sources	1		
Beam angle of light source	120 degree(s)	Approval and Application	
Light source color	840 neutral white	Ingress protection code	IP20 [Finger-prot
Optic type	Narrow beam	Mech. impact protection code	IK02 [0.2 J standa
Optical cover type	Polymethyl methacrylate bowl/cover	Protection class IEC	Safety class I
Luminaire light beam spread	50°		
Unified glare rating CEN	Not applicable	Initial Performance (IEC Compliant)
		Luminous flux tolerance	+/-10%
Operating and Electrical		Initial chromaticity	(0.38, 0.38) SDCM
Input Voltage	220-240 V	Power consumption tolerance	+/-10%
Line Frequency	50 to 60 Hz		
Inrush current	17.8 A	Over Time Performance (IEC Compliant)	
Inrush time	0.282 ms	Control gear failure rate at median usefu	l 5%
Power Consumption	45 W	life 50000 h	
Power Factor (Fraction)	0.9	Lumen maintenance at median useful	L80
Connection	Connection unit 5-pole	life* 50000 h	
Cable	-		
Number of products on MCB of 16 A type	24	Application Conditions	
В		Performance ambient temperature Tq	25 ℃
		Suitable for random switching	Not applicable
Temperature			
Ambient temperature range	-20 to +35 °C	Product Data	
		Order product name	4MX883 491 LED
Controls and Dimming		Full product name	4MX883 491 LED
Dimmable	No	Full product code	87186969750469
Driver/power unit/transformer	Power supply unit (On/Off)	Order code	910500460261
Constant light output	No	Material Nr. (12NC)	910500460261
		Numerator - Quantity Per Pack	1
Mechanical and Housing		EAN/UPC - Product/Case	8718696975046
Housing Material	Steel	Numerator - Packs per outer box	3
Reflector material	-	EAN/UPC - Case	8718696975329
Optic material	Polymethyl methacrylate		
Optical cover material	Polymethyl methacrylate	_	
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Housing Color	White
Optical cover finish	Clear
Overall length	1,478 mm
Overall width	63 mm
Overall height	50 mm
Dimensions (Height x Width x Depth)	50 x 63 x 1478 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 Compl	iant)
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 ℃
Suitable for random switching	Not applicable
Product Data	
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Dimensional drawing



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