Maxos LED

4MX883 491 LED66S/840 PSD WB WH ELB3

MAXOS LED EM 3H3S, Generation 4, LED module, system flux 6600 lm, 840 neutral white, Power supply unit with DALI interface, Wide 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]
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	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

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EU RoHS compliant	Yes		Housing Color	White
			Optical cover finish	Clear
Light Technical			Overall length	1,478 mm
Luminous Flux	6,600 lm		Overall width	63 mm
Correlated Color Temperature (Nom)	4000 K		Overall height	50 mm
Luminous Efficacy (rated) (Nom)	153 lm/W		Dimensions (Height x Width x Depth)	50 x 63 x 1478 mm
Color rendering index (CRI)	≥80			
Number of light sources	1		**Approval and Application**	
Beam angle of light source	120 degree(s)		Ingress protection code	IP20 [Finger-protected]
Light source color	840 neutral white		Mech. impact protection code	IK02 [0.2 J standard]
Optic type	Wide beam		Sustainability rating	–
Optical cover type	Polymethyl methacrylate bowl/cover		Protection class IEC	Safety class I
Luminaire light beam spread	90°			
Unified glare rating CEN	Not applicable		**Initial Performance (IEC Compliant)**	
			Luminous flux tolerance	+/-10%
Operating and Electrical			Initial chromaticity	(0.38, 0.38) SDCM <3.5
Input Voltage	220-240 V		Power consumption tolerance	+/-10%
Line Frequency	50 to 60 Hz			
Inrush current	21 A		**Over Time Performance (IEC Compliant)**	
Inrush time	0.280 ms		Control gear failure rate at median useful life 50000 h	5 %
Power Consumption	43 W			
Power Factor (Fraction)	0.97		Lumen maintenance at median useful life* 50000 h	L80
Connection	Connection unit 5-pole			
Cable	–			
Number of products on MCB of 16 A type B	24		**Application Conditions**	
			Performance ambient temperature Tq	25 ℃
Temperature			Maximum dim level	1%
Ambient temperature range	–20 to +35 ℃		Suitable for random switching	Not applicable
Controls and Dimming			**Product Data**	
Dimmable	Yes		Order product name	4MX883 491 LED66S/840 PSD WB WH ELB3
Driver/power unit/transformer	Power supply unit with DALI interface		Full product name	4MX883 491 LED66S/840 PSD WB WH ELB3
Control interface	DALI		Full product code	871869697508499
Constant light output	No		Order code	910500460265
			Material Nr. (12NC)	910500460265
Mechanical and Housing			Numerator – Quantity Per Pack	1
Housing Material	Steel		EAN/UPC – Product/Case	8718696975084
Reflector material	–		Numerator – Packs per outer box	3
Optic material	Polymethyl methacrylate		EAN/UPC – Case	8718696975367
Optical cover material	Polymethyl methacrylate			
Fixation material	Steel			

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Dimensional drawing

782

50

1462

1478

63

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2024, March 13 – data subject to change