Maxos LED

4MX883 581 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]
Cap-Base	– [-]
Light source replaceable	No
CE mark	Yes
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.
Flammability mark	–
Glow-wire test	Temperature 650 °C, duration 30 s
Warranty period	5 years
Service tag	Yes
Product family code	4MX883 [MAXOS LED EM 3H3S]
Lighting Technology	LED
ENEC mark	ENEC mark

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EU RoHS compliant	Yes		**Mechanical and Housing**	
Value ladder	Performance		**Housing Material**	Steel
			Reflector material	–
Application Conditions			**Optic material**	Polymethyl methacrylate
Maximum dim level	1%		**Optical cover/lens material**	Polymethyl methacrylate
Performance ambient temperature Tq	25 ℃		**Fixation material**	Steel
Suitable for random switching	Not applicable		**Housing Color**	White
			Optical cover/lens finish	Clear
Light Technical			**Overall length**	1,528 mm
Luminous Flux	6,600 lumen		**Overall width**	63 mm
Correlated Color Temperature (Nom)	4000 K		**Overall height**	50 mm
Luminous Efficacy (rated) (Nom)	147 lm/W		**Dimensions (Height x Width x Depth)**	50 x 63 x 1528 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/lens 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)**	
			Initial chromaticity	(0.38, 0.38) SDCM <3.5
Operating and Electrical			**Luminous flux tolerance**	+/-10%
Line Frequency	50 to 60 Hz		**Power consumption tolerance**	+/-10%
Input Voltage	220-240 V			
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	45 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		**Product Data**	
			Full product code	871869697551099
Temperature			**Order product name**	4MX883 581 LED66S/840 PSD WB WH ELB3
Ambient temperature range	-20 to +35 ℃		**Order code**	910500460280
			Numerator – Quantity Per Pack	1
Controls and Dimming			**Numerator – Packs per outer box**	3
Dimmable	Yes		**Material Nr. (12NC)**	910500460280
Driver/power unit/transformer	Power supply unit with DALI interface		**Full product name**	4MX883 581 LED66S/840 PSD WB WH ELB3
Control interface	DALI		**EAN/UPC – Case**	8718696975718
Constant light output	No			

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Dimensional drawing

www.lighting.philips.com

2023, September 4 – data subject to change