



Maxos LED Performer

4MX916 581 LED75S/830 PSD WB WH ELB1C-2R

MAXOS LED PERFORMER EM 1H6S, LED Module, system flux 7500 lm, 830 warm white, Power supply unit with DALI interface, Wide beam, Connector with 2 additional wires for light regulation, White

Customers want to save energy and reduce cost compared to what they are used to with conventional lighting. At the same time, excellent lighting conditions are needed: in industrial environments, to guarantee safety and productivity; and in retail environments, to make the merchandise stand out and attract shoppers. Maxos LED Performer is an extremely flexible solution that delivers low energy consumption and excellent beam shaping at an attractive investment level.

Product data

General Information			
Lamp family code	LED75S [LED Module, system flux 7500 lm]	Product family code	4MX916 [MAXOS LED PERFORMER EM 1H6S]
Light source replaceable	No	Lighting Technology	LED
Number of gear units	1 unit	Value ladder	Performance
Driver included	Yes	CE mark	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.	Warranty period	5 years
Service tag	Yes	Flammability mark	-
		ENEC mark	ENEC mark
		Glow-wire test	Temperature 850 °C, duration 30 s
		EU RoHS compliant	Yes
		Light Technical	
		Luminous Flux	7,500 lm
		Saturated Red (R9)	<50
		Correlated Color Temperature (Nom)	3000 K

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Luminous Efficacy (rated) (Nom)	115 lm/W
Color rendering index (CRI)	≥80
Number of light sources	1
Beam angle of light source	120 degree(s)
Light source color	830 warm white
Optic type	Wide beam
Luminaire light beam spread	90°
Unified glare rating CEN	Not applicable

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Initial CLO power consumption	- W
Average CLO power consumption	- W
Inrush current	21 A
Inrush time	0.280 ms
Power Consumption	65.5 W
Power Factor (Fraction)	0.9
Connection	Connector with 2 additional wires for light regulation
Cable	-
Number of products on MCB of 16 A type B	24

Temperature

Ambient temperature range	-20 to +40 °C
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Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
Constant light output	No

Mechanical and Housing

Housing Material	Aluminum
Reflector material	-
Optic material	Polymethyl methacrylate
Optical cover material	Polymethyl methacrylate
Fixation material	Steel
Housing Color	White
Optical cover finish	Clear
Overall length	1,530 mm
Overall width	87 mm
Overall height	82 mm
Dimensions (Height x Width x Depth)	82 x 87 x 1530 mm

Approval and Application

Ingress protection code	IP40 [Wire-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Protection class IEC	Safety class I
Photobiological risk	Photobiological risk group 0 @200mm to EN62778

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.43, 0.40) SDCM <3.5
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50000 h	5 %
Lumen maintenance at median useful life* 35000 h	-
Lumen maintenance at median useful life* 50000 h	L80
Lumen maintenance at median useful life* 75000 h	-
Lumen maintenance at median useful life* 100000 h	-

Application Conditions

Performance ambient temperature Tq	25 °C
Maximum dim level	1%
Suitable for random switching	Not applicable

Product Data

Order product name	4MX916 581 LED75S/830 PSD WB WH ELB1C-2R
Full product name	4MX916 581 LED75S/830 PSD WB WH ELB1C-2R
Full product code	871869684723799
Order code	910500457256
Material Nr. (12NC)	910500457256
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696847237
Numerator - Packs per outer box	2
EAN/UPC - Case	8718696847299

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Dimensional drawing

