



# **Maxos LED**

## 4MX850 491 LED55S/830 PSU NB WH

Maxos Led Industry, LED Module, system flux 5500 lm, 830 warm white, Power supply unit (On/Off), Narrow beam, 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 colour 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	LED55S [LED Module, system flux 5500 lm]
Cap base	- [-]
Light source replaceable	No
Number of gear units	Unit
Gear	-
Driver included	Yes
Remarks	*- According to the Lighting Europe guidance
	paper 'Evaluating performance of LED based
	luminaires – January 2018': statistically there
	is no relevant difference in lumen
	maintenance between the B50 and, for
	example, the B10. Therefore, the median

	useful life (B50) value also represents the B10
	value.
Product family code	4MX850 [Maxos Led Industry]
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
EU RoHS compliant	Yes

Datasheet, 2023, April 29 data subject to change

### **Maxos LED**

Light Technical	
Luminous Flux	5,500 lm
Correlated Colour Temperature	3000 K
Luminous efficacy (rated) (nom.)	157 lm/W
Colour rendering index (CRI)	≥80
Beam angle of light source	120 degree(s)
Light source colour	830 warm white
Optic type	Narrow beam
Optical cover type	Polymethyl methacrylate bowl/cover
Luminaire light beam spread	50°
Unified Glare Rating (CEN)	Not applicable
Onesetine and Floatwicel	
Operating and Electrical	220, 240 V
Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Inrush current	17.8 A
Inrush time	0.282 ms
Power Consumption	35 W
Power Factor (Fraction)	0.9
Connection	Connection unit 3-pole
Cable	-
Number of products on MCB of 16 A type	24
В	
Temperature	
Ambient temperature range	-20 to +35 °C
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Constant light output	No
Mechanical and Housing	
Housing material	Steel
Reflector material	-
Optic material	Polymethyl methacrylate
Optical cover/lens material	Polymethyl methacrylate
Fixation material	Steel
Housing Colour	White

Optical cover/lens finish  Overall length  1,478 mm  Overall width  63 mm  Overall height  50 mm  Dimensions (height x width x depth)  Approval and Application  Ingress protection code  IP20 [Finger-protected]  Mech. impact protection code  IKO2 [0.2 J standard]  Protection class IEC  Safety class I  Initial Performance (IEC Compliant)  Luminous flux tolerance  4/-10%  Initial chromaticity  Over Time Performance (IEC Compliant)  Control gear failure rate at median useful  Isfe 50,000 h  Lumen maintenance at median useful  L80  Isfe 50,000 h  Application Conditions  Performance ambient temperature Tq  Suitable for random switching  Not applicable  Product Data  Order product name  4MX850 491 LED55S/830 PSU NB WH  Full product name  4MX850 491 LED55S/830 PSU NB WH  Full EOC  403073266520499  Order code  66520499  Material no. (12 NC)  910629150126  SAP numerator – quantity per pack  I  EAN/UPC – Product/Case  4030732665204  Numerator – packs per outer box  3  EAN/UPC – Case  4030732263332		
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 (0.43, 0.40) SDCM <3.5 Power consumption tolerance +/-10%  Over Time Performance (IEC Compliant)  Control gear failure rate at median useful 15 % Iife 50,000 h  Lumen maintenance at median useful L80  Application Conditions  Performance ambient temperature Tq 25 °C  Suitable for random switching Not applicable  Product Data  Order product name 4MX850 491 LED55S/830 PSU NB WH Full product name 4MX850 491 LED55S/830 PSU NB WH Full EOC 403073266520499  Order code 66520499  Material no. (12 NC) 910629150126  SAP numerator – quantity per pack 1  EAN/UPC — Product/Case 4030732665204  Numerator – packs per outer box 3	Optical cover/lens finish	Clear
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<b>EAN/UPC - Case</b> 4030732263332	Numerator – packs per outer box	3
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#### **Maxos LED**

#### Dimensional drawing



