



# Maxos LED GreenWarehouse

LL850X 3LL 2BC 496 LED66S/840 NB ACW

Maxos LED Warehouse System, LED module, system flux 6600 lm, Narrow beam, ActiLume wireless

This dedicated system makes it easy for warehouse developers and facility managers to achieve maximum energy savings. It seamlessly integrates state-of-the-art LED lighting with an easy-to-use and reliable networked control solution. When the situation on the work floor changes, settings such as dimming levels and timing can be changed wirelessly by the end-users themselves. Luminaires can be combined in groups across the layout, and re-zoning them does not require a hardware change, thus minimizing commissioning costs. The system delivers savings over and above the actual efficiency of the LEDs and is future-proof. Easy to understand, easy to design-in, and easy to use, the GreenWarehouse is simplicity itself.

## Product data

General Information			
Lamp family code	LED66S [LED module, system flux 6600 lm]		the median useful life (B50) value also represents the B10 value.
Light source replaceable	No	Product family code	LL850X [Maxos LED Warehouse System]
Number of gear units	3 units	Lighting Technology	LED
Driver included	Yes	Embedded control	ActiLume wireless
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,	CE mark	Yes
		Warranty period	5 years
		Flammability mark	For mounting on easily flammable surfaces
		ENEC mark	ENEC mark
		Glow-wire test	Temperature 650 °C, duration 5 s

# Maxos LED GreenWarehouse

EU RoHS compliant	Yes
<b>Light Technical</b>	
Luminous Flux	19,800 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	144 lm/W
Color rendering index (CRI)	≥80
Beam angle of light source	120 degree(s)
Light source color	840 neutral white
Optic type	Narrow beam
Optical cover type	Polymethyl methacrylate bowl/cover
Luminaire light beam spread	50°
Unified glare rating CEN	Not applicable
<b>Operating and Electrical</b>	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	22 A
Inrush time	0.275 ms
Power Consumption	137 W
Power Factor (Fraction)	0.13
Connection	Connector with 2 additional wires for light regulation
Cable	-
Number of products on MCB of 16 A type B	24
<b>Temperature</b>	
Ambient temperature range	-15 to +35 °C
<b>Controls and Dimming</b>	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
Constant light output	No
<b>Mechanical and Housing</b>	
Housing Material	Steel

Reflector material	-
Optic material	Polymethyl methacrylate
Optical cover material	Polymethyl methacrylate
Fixation material	Steel
Housing Color	White
Optical cover finish	Clear
Overall length	8,856 mm
Overall width	63 mm
Overall height	50 mm
Dimensions (Height x Width x Depth)	50 x 63 x 8856 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%

## Application Conditions

Performance ambient temperature Tq	25 °C
Maximum dim level	1%
Suitable for random switching	Yes

## Product Data

Order product name	LL850X 3LL 2BC 496 LED66S/840 NB ACW
Full product name	LL850X 3LL 2BC 496 LED66S/840 NB ACW
Full product code	871869624981900
Order code	24981900
Material Nr. (12NC)	910500456560
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696249819
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696249819

## Dimensional drawing



