PHILIPS Lighting



Maxos LED

4MX866 491 LED66S/840 PSD DA20 WH

MAXOS LED EM 1H6S, Generation 4, LED module, system flux 6600 lm, 840 neutral white, Power supply unit with DALI interface, Double asymmetric optic 20°, 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
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	4MX866 [MAXOS LED EM 1H6S]
Lighting Technology	LED
Value ladder	Performance
CE mark	Yes
Warranty period	5 years

Maxos LED

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Flammability mark	
ENEC mark	ENEC mark
Glow-wire test	Temperature 650 °C, duration 30 s
EU RoHS compliant	Yes
Light Tochnicol	
Light Technical	C C00 ha
Luminous Flux	6,600 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	147 lm/W
Color rendering index (CRI)	≥80
Number of light sources	1
Beam angle of light source	120 degree(s)
Light source color	840 neutral white
Optic type	Double asymmetric optic 20°
Optical cover type	Polymethyl methacrylate bowl/cover
Luminaire light beam spread	20°
Unified glare rating CEN	Not applicable
Operating and Electrical	
Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Inrush current	21 A
Inrush time	0.280 ms
Power Consumption	45 W
Power Factor (Fraction)	0.9
Connection	Connection unit 5-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	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
Constant light output	No
Mechanical and Housing	
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	1,478 mm
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	(0.38, 0.38) SDCM <3.5
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful	
life 50000 h	
Lumen maintenance at median useful	
life* 50000 h	

Application Conditions

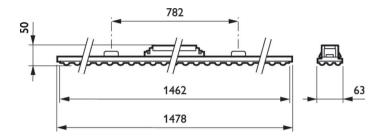
Performance ambient temperature Tq	25 ℃
Maximum dim level	1%
Suitable for random switching	Not applicable

Product Data

Order product name	4MX866 491 LED66S/840 PSD DA20 WH
Full product name	4MX866 491 LED66S/840 PSD DA20 WH
Full product code	871869697447699
Order code	910500460235
Material Nr. (12NC)	910500460235
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696974476
Numerator - Packs per outer box	3
EAN/UPC - Case	8718696974780

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Dimensional drawing





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