PHILIPS Lighting



Maxos LED

4MX850 491 LED66S/840 PSD WB WH C-2R

Maxos Led Industry, LED module, system flux 6600 lm, 840 neutral white, Power supply unit with DALI interface, Wide beam, White, Connector with 2 additional wires for light regulation

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]
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	4MX850 [Maxos Led Industry]
Lighting Technology	LED
Value ladder	Performance
CE mark	Yes
Warranty period	5 years
Flammability mark	-

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ENEC mark	ENEC mark
Glow-wire test	Temperature 650 °C, duration 30 s
EU RoHS compliant	Yes

6,600 lm
4000 K
169 lm/W
≥80
1
120 degree(s)
840 neutral white
Wide beam
Polymethyl methacrylate bowl/cover
90°
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	39 W
Power Factor (Fraction)	0.97
Connection	Connector with 2 additional wires for light
	regulation
Cable	-
Number of products on MCB of 16 A type B 24	

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Ambient temperature range

	Dimming

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

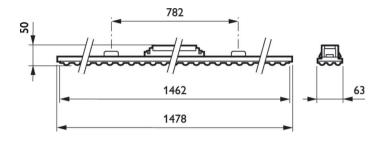
-20 to +35 °C

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	C2 man
	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]
Sustainability rating	-
Protection class IEC	Safety class I
Photobiological risk	Photobiological risk group 0 @200mm to
	EN62778
Initial Performance (IEC Compliant)	(10%
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38, 0.38) SDCM <3.5
Power consumption tolerance	+/-10%
Over Time Performance (IEC Complia	int)
Control gear failure rate at median useful	5 %
life 50000 h	
Control gear failure rate at median useful	10 %
life 100000 h	
Lumen maintenance at median useful life*	L90
50000 h	
Lumen maintenance at median useful life*	L80
100000 h	
Application Conditions	
Application Conditions	25 °C
Performance ambient temperature Tq	
Maximum dim level	1%
Suitable for random switching	Not applicable
Product Data	
Order product name	4MX850 491 LED66S/840 PSD WB WH
	C-2R
Full product name	4MX850 491 LED66S/840 PSD WB WH
	C-2R
Full product code	871869697430899
Order code	910500460218
Material Nr. (12NC)	910500460218
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696974308
Numerator - Packs per outer box	3
EAN/UPC - Case	8718696974612

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Dimensional drawing





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