PHILIPS Lighting



Maxos LED

4MX850 491 LED55S/830 PSD NB SI

Maxos Led Industry, LED Module, system flux 5500 lm, 830 warm white, Power supply unit with DALI interface, Narrow beam, Silver

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	LED55S [LED Module, system flux 5500
	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	-

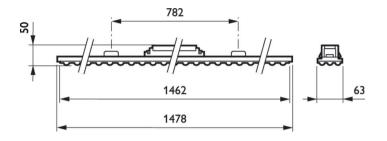
Maxos LED

EU RoHS compliant Yes sight Technical 5,200 lm Correlated Color Temperature (Nom) 3000 K Source color 3000 K Sumber of light sources 1 Beam angle of light source 120 degree(s) Light source color 830 warm white Dytic type Narrow beam Optical cover type Polymethyl methacrylate bowl/cove Luminaire light beam spread 50° Dytical cover type Store color Dytical cover type Polymethyl methacrylate bowl/cove Luminaire light beam spread 50° Dyteating and Electrical number of products nput Voltage 220-240 V Jine Frequency 50 to 60 Hz nrush current 21 A nrush current 21 A nrush current 32.5 W Power Consumption 32.5 W Power Factor (Fraction) 0.97 Connection unit 5-pole So Cable - Number of products on MCB of 16 A type B 24 Femperature Yes Controls and Dimming Yes	ENEC mark	ENEC mark
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Fixation material Steel Housing Color Silver	Optic material	
Housing Color Silver	Optical cover material	Polymethyl methacrylate
	Fixation material	Steel
Optical cover finish Clear	Housing Color	Silver
	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]
Sustainability rating	-
Protection class IEC	Safety class I
Photobiological risk	Photobiological risk group 0 @200mm to
	EN62778
Initial Performance (IEC Compliant)	4.400/
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.43, 0.40) SDCM <3.5
Power consumption tolerance	+/-10%
Over Time Performance (IEC Complia	nt)
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	
Performance ambient temperature Tq	25 °C
Maximum dim level	1%
Suitable for random switching	Not applicable
Product Data	
Order product name	4MX850 491 LED55S/830 PSD NB SI
Full product name	4MX850 491 LED55S/830 PSD NB SI
Full product code	403073266125199
Full product code Order code	66125199
Order code	66125199
Order code Material Nr. (12NC)	66125199 910629120826
Order code Material Nr. (12NC) Numerator - Quantity Per Pack	66125199 910629120826 1

Maxos LED

Dimensional drawing





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