Maxos LED

4MX850 491 LED40S/830 PSU DA20 WH

Maxos Led Industry, LED module, system flux 4000 lm, 830 warm white, Power supply unit (On/Off), Double asymmetric optic 20°, 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	LED40S [LED module, system flux 4000 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.
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

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EU RoHS compliant	Yes		**Fixation material**	Steel
			Housing Color	White
Light Technical			**Optical cover finish**	Clear
Luminous Flux	4,000 lm		**Overall length**	1,478 mm
Correlated Color Temperature (Nom)	3000 K		**Overall width**	63 mm
Luminous Efficacy (rated) (Nom)	148 lm/W		**Overall height**	50 mm
Color rendering index (CRI)	≥80		**Dimensions (Height x Width x Depth)**	50 x 63 x 1478 mm
Number of light sources	1			
Beam angle of light source	120 degree(s)		**Approval and Application**	
Light source color	830 warm white		**Ingress protection code**	IP20 [Finger-protected]
Optic type	Double asymmetric optic 20°		**Mech. impact protection code**	IK02 [0.2 J standard]
Optical cover type	Polymethyl methacrylate bowl/cover		**Protection class IEC**	Safety class I
Luminaire light beam spread	20°			
Unified glare rating CEN	Not applicable		**Initial Performance (IEC Compliant)**	
			Luminous flux tolerance	+/-10%
Operating and Electrical			**Initial chromaticity**	(0.43, 0.40) SDCM <3.5
Input Voltage	220-240 V		**Power consumption tolerance**	+/-10%
Line Frequency	50 to 60 Hz			
Inrush current	17.8 A		**Over Time Performance (IEC Compliant)**	
Inrush time	0.282 ms		**Control gear failure rate at median useful life 50000 h**	5 %
Power Consumption	27 W			
Power Factor (Fraction)	0.9		**Lumen maintenance at median useful life* 50000 h**	L80
Connection	Connection unit 3-pole			
Cable	–			
Number of products on MCB of 16 A type B	24		**Application Conditions**	
			Performance ambient temperature Tq	25 ℃
Temperature			**Suitable for random switching**	Not applicable
Ambient temperature range	–20 to +35 ℃			
			Product Data	
Controls and Dimming			**Order product name**	4MX850 491 LED40S/830 PSU DA20 WH
Dimmable	No		**Full product name**	4MX850 491 LED40S/830 PSU DA20 WH
Driver/power unit/transformer	Power supply unit (On/Off)		**Full product code**	403073266562499
Constant light output	No		**Order code**	910629154126
			Material Nr. (12NC)	910629154126
Mechanical and Housing			**Numerator – Quantity Per Pack**	1
Housing Material	Steel		**EAN/UPC – Product/Case**	4030732665624
Reflector material	–		**Numerator – Packs per outer box**	3
Optic material	Polymethyl methacrylate		**EAN/UPC – Case**	4030732263776
Optical cover material	Polymethyl methacrylate			

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Dimensional drawing

www.lighting.philips.com

2023, September 4 – data subject to change