# **PHILIPS** Lighting



# **Maxos LED**

# 4MX850 491 LED40S/840 PSU NB SI

Maxos Led Industry, LED module, system flux 4000 lm, 840 neutral white, Power supply unit (On/Off), 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	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
EU RoHS compliant	Yes

## Maxos LED

**Operating and Electrical** 

Input Voltage

Line Frequency

Inrush current

Power Factor (Fraction)

Number of products on MCB of 16 A type 24

Inrush time Power Consumption

Connection

Cable

Light Technical	
Luminous Flux	4,000 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	160 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	Narrow beam
Optical cover type	Polymethyl methacrylate bowl/cover
Luminaire light beam spread	50°
Unified glare rating CEN	Not applicable

220-240 V

50 to 60 Hz

Connection unit 3-pole

17.8 A 0.282 ms

25 W

0.9

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]
Protection class IEC	Safety class I
Initial Performance (IEC Compliant	)
Luminous flux tolerance	+/-10%

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38, 0.38) SDCM <3.5
Power consumption tolerance	+/-10%

	Over Time Performance (IEC Compli	ant)
Control gear failure rate at median useful		5 %
	life 50000 h	
	Lumen maintenance at median useful	L80
	life* 50000 h	

Application	Conditions
Application	Conditions

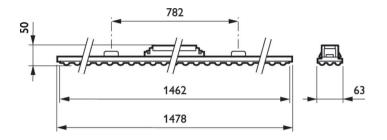
Performance ambient temperature Tq	25 °C
Suitable for random switching	Not applicable

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Product Data	
Order product name	4MX850 491 LED40S/840 PSU NB SI
Full product name	4MX850 491 LED40S/840 PSU NB SI
Full product code	403073266545799
Order code	910629152626
Material Nr. (12NC)	910629152626
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	4030732665457
Numerator - Packs per outer box	3
EAN/UPC - Case	4030732263585

В	
Temperature	
Ambient temperature range	-20 to +35 °C
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Control interface	-
Constant light output	No
Mechanical and Housing	
Housing Material	Steel
Reflector material	-
Optic material	Polymethyl methacrylate
Optical cover material	Polymethyl methacrylate
Fixation material	Steel

### **Maxos LED**

#### Dimensional drawing





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