# **PHILIPS** Lighting



# **Maxos LED**

# 4MX850 491 LED40S/840 PSU A20 WH

Maxos Led Industry, LED module, system flux 4000 lm, 840 neutral white, Power supply unit (On/Off), Asymmetrical mirror axis angle 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 colour 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**

LED40S [LED module, system flux 4000 lm]
- [-]
No
Unit
-
Yes
*- According to the Lighting Europe guidance
paper 'Evaluating performance of LED based
luminaires – January 2018': statistically there
is no relevant difference in lumen

	maintenance between the B50 and, for
	example, the 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

## **Maxos LED**

Glow-wire test	Temperature 650 °C, duration 30 s
EU RoHS compliant	Yes
Light Technical	
Luminous Flux	4,000 lm
Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	160 lm/W
Colour rendering index (CRI)	≥80
Beam angle of light source	120 degree(s)
Light source colour	840 neutral white
Optic type	Asymmetrical mirror axis angle 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	17.8 A
Inrush time	0.282 ms
Power Consumption	25 W
Power Factor (Fraction)	0.9
Connection	Connection unit 3-pole
Cable	-
Number of products on MCB of 16 A type	24
В	
Temperature	

Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Constant light output	No
Mechanical and Housing	
Housing material	Steel
Reflector material	-
Optic material	Polymethyl methacrylate

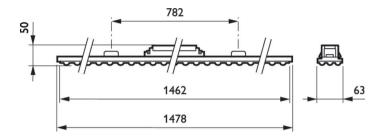
Polymethyl methacrylate

Steel
White
Clear
1,478 mm
63 mm
50 mm
50 x 63 x 1478 mm
IP20 [Finger-protected]
IK02 [0.2 J standard]
Safety class I
t)
+/-10%
(0.38, 0.38) SDCM <3.5
+/-10%
oliant)
al 5%
L80
25 ℃
Not applicable
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Optical cover/lens material

### **Maxos LED**

#### Dimensional drawing





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