# **PHILIPS** Lighting



## **Maxos LED**

### 4MX850 581 LED66S/840 PSD NB WH C-2R

Maxos Led Industry, LED module, system flux 6600 lm, 840 neutral white, Power supply unit with DALI interface, Narrow 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

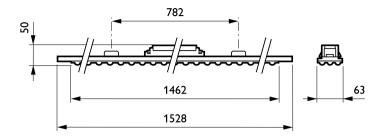
#### **Maxos LED**

5 years
5 years
ENEC mark
Temperature 650 °C, duration 30 s
Yes
6 600 lm
6,600 lm
4000 K
169 lm/W ≥80
1
·
120 degree(s)
840 neutral white
Narrow beam
Polymethyl methacrylate bowl/cover
50°
Not applicable
220.240.4
220-240 V
50 to 60 Hz
21 A
0.280 ms
39 W
0.97
Connector with 2 additional wires for light
Connector with 2 additional wires for light regulation
regulation -
regulation - 24
regulation -
regulation - 24
regulation - 24 -20 to +35 °C
regulation - 24 -20 to +35 °C Yes
regulation - 24 24 -20 to +35 °C Yes Power supply unit with DALI interface
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Overall length	1,528 mm
Overall width	63 mm
Overall height	50 mm
Dimensions (Height x Width x Depth)	50 x 63 x 1528 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)	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38, 0.38) SDCM <3.5
Power consumption tolerance	+/-10%
Over Time Performance (IEC Compliant)	
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 ℃
Maximum dim level	1%
Suitable for random switching	Not applicable
Product Data	
Order product name	4MX850 581 LED66S/840 PSD NB WH
	C-2R
Full product name	4MX850 581 LED66S/840 PSD NB WH
	C-2R
Full product code	871869688107199
Order code	910500460009
Material Nr. (12NC)	910500460009
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696881071
Numerator - Packs per outer box	3
EAN/UPC - Case	8718696881125

#### **Maxos LED**

#### Dimensional drawing





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