PHILIPS Lighting



Maxos LED

4MX850 581 LED66S/840 PSD WB WH

Maxos Led Industry, LED module, system flux 6600 lm, 840 neutral white, Power supply unit with DALI interface, Wide beam, 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	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
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
	165
Light Technical	
Light Technical	
Luminous Flux	6,600 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	169 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	Wide beam
Optical cover type	Polymethyl methacrylate bowl/cover
Luminaire light beam spread	90°
Unified glare rating CEN	Not applicable
Operating and Electrical	
Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Inrush current	21 A
Inrush time	0.280 ms
Power Consumption	39 W

0.97

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Connection unit 5-pole

-20 to +35 °C

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 Complia	int)
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	
	25.00

63 mm

50 mm

50 x 63 x 1528 mm

Performance ambient temperature Tq	25 °C
Maximum dim level	1%
Suitable for random switching	Not applicable

Product Data

Overall width

Overall height

Dimensions (Height x Width x Depth)

Approval and Application

Order product name	4MX850 581 LED66S/840 PSD WB WH
Full product name	4MX850 581 LED66S/840 PSD WB WH
Full product code	403073266695999
Order code	66695999
Material Nr. (12NC)	910629160326
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	4030732666959
Numerator - Packs per outer box	3
EAN/UPC - Case	4030732265398

Temperature	
Ambient temperature range	

Power Factor (Fraction)

Number of products on MCB of 16 A type B 24

Connection

Cable

Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI

Mechanical and Housing

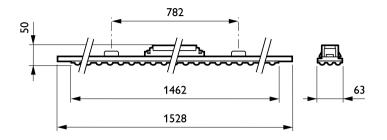
Constant light output

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Housing Material	Steel
Reflector material	-
Optic material	Polymethyl methacrylate
Optical cover material	Polymethyl methacrylate
Fixation material	Steel
Housing Color	White
Optical cover finish	Clear
Overall length	1,528 mm

No

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Dimensional drawing





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