# **PHILIPS** Lighting



## **Maxos LED**

### 4MX883 581 LED66S/840 PSU WB WH

MAXOS LED EM 3H3S, Generation 4, LED module, system flux 6600 lm, 840 neutral white, Power supply unit (On/Off), Wide beam, Connection unit 5-pole, 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]
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	4MX883 [MAXOS LED EM 3H3S]
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

#### **Maxos LED**

EU RoHS compliant	Yes	Fixation material
		Housing Color
Light Technical		Optical cover finish
Luminous Flux	6,600 lm	Overall length
Correlated Color Temperature (Nom)	4000 K	Overall width
Luminous Efficacy (rated) (Nom)	147 lm/W	Overall height
Color rendering index (CRI)	≥80	Dimensions (Height x Width x Depth)
Number of light sources	1	
Beam angle of light source	120 degree(s)	Approval and Application
Light source color	840 neutral white	Ingress protection code
Optic type	Wide beam	Mech. impact protection code
Optical cover type	Polymethyl methacrylate bowl/cover	Protection class IEC
Luminaire light beam spread	90°	
Unified glare rating CEN	Not applicable	Initial Performance (IEC Compliant)
		Luminous flux tolerance
Operating and Electrical		Initial chromaticity
Input Voltage	220-240 V	Power consumption tolerance
Line Frequency	50 to 60 Hz	
Inrush current	17.8 A	Over Time Performance (IEC Complia
Inrush time	0.282 ms	Control gear failure rate at median useful
Power Consumption	45 W	life 50000 h
Power Factor (Fraction)	0.9	Lumen maintenance at median useful
Connection	Connection unit 5-pole	life* 50000 h
Cable	-	
Number of products on MCB of 16 A type	24	Application Conditions
В		Performance ambient temperature Tq
		Suitable for random switching
Temperature		
Ambient temperature range	-20 to +35 °C	Product Data
		Order product name
Controls and Dimming		Full product name
Dimmable	No	Full product code
Driver/power unit/transformer	Power supply unit (On/Off)	Order code
Constant light output	No	Material Nr. (12NC)
		Numerator - Quantity Per Pack
Mechanical and Housing		EAN/UPC - Product/Case
Housing Material	Steel	Numerator - Packs per outer box

Luminous flux tolerance	+/-10%	
Initial chromaticity	(0.38, 0.38) SDCM <3.5	
Power consumption tolerance	+/-10%	
Over Time Performance (IEC Compliant)		
ontrol gear failure rate at median useful 5 %		
life 50000 h		
Lumen maintenance at median useful	L80	
life* 50000 h		
Application Conditions		
Performance ambient temperature Tq	25 °C	
Suitable for random switching	Not applicable	
Product Data		
Order product name	4MX883 581 LED66S/840 PSU WB WH	
Full product name	4MX883 581 LED66S/840 PSU WB WH	
Full product code	871869697549799	
Order code	910500460278	
Material Nr. (12NC)	910500460278	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8718696975497	
Numerator - Packs per outer box	3	
EAN/UPC - Case	8718696975695	

Steel

White

Clear

1,528 mm

63 mm

50 mm

50 x 63 x 1528 mm

IP20 [Finger-protected]

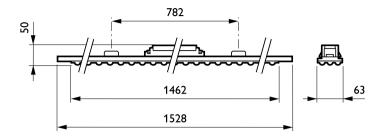
IK02 [0.2 J standard]

Safety class I

Housing Material	Steel
Reflector material	-
Optic material	Polymethyl methacrylate
Optical cover material	Polymethyl methacrylate

#### **Maxos LED**

#### Dimensional drawing





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