



Maxos LED

4MX883 581 LED55S/840 PSD NB WH ELB3

4MX883 | MAXOS LED EM 3H3S – G4 | Generation 4 – 581 | 1 unit
for TL-D 58 W – LED55S | LED Module, system flux 5500 lm –
840 neutral white – Power supply unit with DALI interface –
Narrow beam – Connection unit 5-pole

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	LED55S [LED Module, system flux 5500 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.
Service tag	Yes
Product family code	4MX883 [MAXOS LED EM 3H3S]
Lighting Technology	LED
Value ladder	Performance

Maxos LED

Light Technical	
Luminous Flux	5,500 lumen
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	149 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/lens type	Polymethyl methacrylate bowl/cover
Luminaire light beam spread	50°
Unified glare rating CEN	Not applicable

Operating and Electrical	
Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Inrush current	21 A
Inrush time	0.280 ms
Power Consumption	37 W
Power Factor (Fraction)	0.9
Connection	Connection unit 5-pole
Cable	-
Number of products on MCB of 16 A type B	24

Temperature	
Ambient temperature range	-20 to +35 °C

Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
Constant light output	No

Mechanical and Housing	
Housing Material	Steel
Reflector material	-
Optic material	Polymethyl methacrylate
Optical cover/lens material	Polymethyl methacrylate
Fixation material	Steel
Housing Color	White
Optical cover/lens finish	Clear
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
Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	-
CE mark	Yes
ENEC mark	ENEC mark
Warranty period	5 years
EU RoHS compliant	Yes

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 life 50000 h	5 %
Lumen maintenance at median useful life* 50000 h	L80

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

Product Data	
Full product code	871869697545999
Order product name	4MX883 581 LED55S/840 PSD NB WH ELB3
Order code	910500460274
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	3
Material number (12NC)	910500460274
Full product name	4MX883 581 LED55S/840 PSD NB WH ELB3
EAN/UPC - Case	8718696975657



Maxos LED

Dimensional drawing

