



# Maxos fusion

## LL512X LED61S/840 PSD WB 7 SI

Maxos fusion Panel - 840 neutral white - Power supply unit with DALI interface - Wide beam - Silver

Maxos fusion is an adaptable LED trunking system that offers an excellent quality of light while more than halving energy costs compared to fluorescent lamps. For retail applications, a family of linear panels, non-linear modules and a spot portfolio can be smoothly integrated into the track backbone to let your merchandise sparkle and stand out. For industrial applications, the focus is on reducing installation and maintenance cost by using fewer linear panels. With the electrical set-up of up to 13 wires, the freedom to position these fixtures as required and the integration of other services/third-party hardware, the system allows you to reduce ceiling clutter. It can also be easily re-configured to accommodate future lay-out changes. The infrastructure is enabled to integrate sensors for data collection, giving you the opportunity to use insightful granular information to support your business.

### Product data

General Information		Protection class IEC	Safety class I
Beam angle of light source	120 °	Glow-wire test	Temperature 850 °C, duration 30 s
Light source color	840 neutral white	Flammability mark	For mounting on normally flammable surfaces
Light source replaceable	No	CE mark	CE mark
Number of gear units	1 unit	ENEC mark	ENEC mark
Driver/power unit/transformer	Power supply unit with DALI interface	Warranty period	5 years
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
Optic type	Wide beam		
Luminaire light beam spread	85° x 85°		
Control interface	DALI		
Connection	Connection unit 7-pole		
Cable	-		

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	B10. Therefore the median useful life (B50) value also represents the B10 value.
Constant light output	No
Number of products on MCB of 16 A type B	24
RoHS mark	RoHS mark
Product family code	LL512X [ Maxos fusion Panel]
Unified glare rating CEN	22

### Operating and Electrical

Input Voltage	220–240 V
Input Frequency	50 to 60 Hz
Inrush current	21 A
Inrush time	0.28 ms
Power Factor (Min)	0.97

### Controls and Dimming

Dimmable	Yes
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### Mechanical and Housing

Housing Material	Stainless steel
Reflector material	-
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Stainless steel
Optical cover/lens finish	Textured
Overall length	1138 mm
Overall width	80 mm
Overall height	15 mm
Height	15 mm

### Approval and Application

Ingress protection code	IP20 [ Finger-protected]
Mech. impact protection code	IK02 [ 0.2 J standard]

### Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	6100 lm
Luminous flux tolerance	+/-7%
Initial LED luminaire efficacy	135 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	>80
Initial chromaticity	(0.34, 0.35) SDCM <3
Initial input power	45 W
Power consumption tolerance	+/-11%

### Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50000 h	5 %
Lumen maintenance at median useful life* L80	50000 h

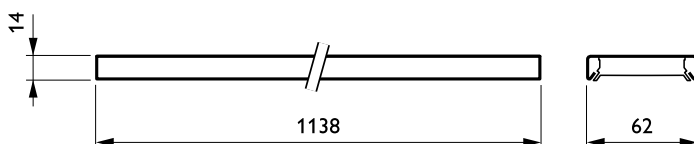
### Application Conditions

Ambient temperature range	-20 to +35 °C
Performance ambient temperature Tq	25 °C
Maximum dim level	1%
Suitable for random switching	Not applicable

### Product Data

Full product code	871869638467100
Order product name	LL512X LED61S/840 PSD WB 7 SI
EAN/UPC - Product	8718696384671
Order code	910925864350
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910925864350
Net Weight (Piece)	1.350 kg

## Dimensional drawing



Maxos Fusion Panel LL512X-LL623X

