



# **Maxos fusion**

## **LL512X LED61S/840 PSD NB 7 WH HE**

LL512X | Maxos fusion Panel - 840 neutral white - Power supply unit with DALI interface - Narrow beam

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	
Light source replaceable	No
CE mark	Yes
Number of gear units	1 unit
Driver included	Yes
Flammability mark	For mounting on normally flammable
	surfaces
Glow-wire test	surfaces Temperature 850 °C, duration 30 s
Glow-wire test Warranty period	
	Temperature 850 °C, duration 30 s
Warranty period	Temperature 850 °C, duration 30 s 5 years
Warranty period Product family code	Temperature 850 °C, duration 30 s 5 years LL512X [Maxos fusion Panel]

EU RoHS compliant	Yes
Value ladder	Specification
Application Conditions	
Maximum dim level	1%
Performance ambient temperature Tq	25 °C
Suitable for random switching	Not applicable
Light Technical	
Luminous Flux	6,100 lumen
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	165 lm/W

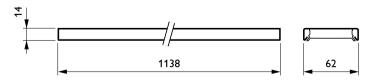
Datasheet, 2023, September 5 data subject to change

### **Maxos fusion**

Color rendering index (CRI)	>80
Flickering value (PstLM)	1
Stroboscopic effect value (SVM)	0.4
Beam angle of light source	120 degree(s)
Light source color	840 neutral white
Optic type	Narrow beam
Luminaire light beam spread	37° x 49°
Unified glare rating CEN	22
Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Voltage	220-240 V
Inrush current	21 A
Inrush time	0.28 ms
Power Consumption	37 W
Power Factor (Fraction)	0.98
Connection	Connection unit 7-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	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Steel
Housing Color	White
Optical cover/lens finish	Textured

verall height 14  vimensions (Height x Width x Depth) 14  spproval and Application ngress protection code IP	2 mm 4 mm 4 x 62 x 1138 mm  220 [Finger-protected]
Approval and Application ngress protection code  IP	4 x 62 x 1138 mm  P20 [Finger-protected]
approval and Application agress protection code IP	P20 [Finger-protected]
ngress protection code IP	
ngress protection code IP	
lech. impact protection code	(00.10.0.1.1.1.1)
	(02 [0.2 J standard]
ustainability rating Li	ighting for circularity
rotection class IEC Sa	afety class I
nitial Performance (IEC Compliant)	
nitial chromaticity (0	0.34. 0.35) SDCM <3
uminous flux tolerance +/	/-7%
ower consumption tolerance +/	/-11%
Over Time Performance (IEC Compliant)	
ontrol gear failure rate at median useful life 5	%
0000 h	
ontrol gear failure rate at median useful life 10	0 %
00000 h	
umen maintenance at median useful life* LS	95
0000 h	
umen maintenance at median useful life* L8	85
00000 h	
Product Data	
ull product code 87	71951473768600
order product name	L512X LED61S/840 PSD NB 7 WH HE
Order code 91	10925868962
lumerator - Quantity Per Pack 1	
lumerator - Packs per outer box 1	
Material Nr. (12NC) 91	10925868962
ull product name	L512X LED61S/840 PSD NB 7 WH HE
AN/UPC - Case 87	719514737686

### Dimensional drawing



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