



Maxos fusion

LL512X LED61S/840 PSD MB 7 WH HE

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

No
Yes
1 unit
Yes
For mounting on normally flammable
surfaces
Temperature 850 °C, duration 30 s
5 years
LL512X [Maxos fusion Panel]
LED
ENEC mark

EU RoHS compliant	Yes
Value ladder	Specification
Application Conditions	
Maximum dim level	1%
Performance ambient temperature Tq	25 ℃
Suitable for random switching	Not applicable
Suitable for random switching	Not applicable
Suitable for random switching Light Technical	Not applicable
	Not applicable 6,100 lumen
Light Technical	

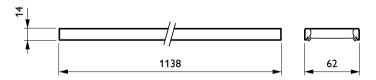
Datasheet, 2023, September 5 data subject to change

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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	Medium beam
Luminaire light beam spread	66° x 80°
Unified glare rating CEN	25
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 ℃
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
	51001
Housing Color	White
Housing Color Optical cover/lens finish	

Overall length	1,138 mm
Overall width	62 mm
Overall height	14 mm
Dimensions (Height x Width x Depth)	14 x 62 x 1138 mm
Approval and Application	
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Sustainability rating	Lighting for circularity
Protection class IEC	Safety class I
Initial Performance (IEC Compliant)	
Initial chromaticity	(0.34. 0.35) SDCM <3
Luminous flux tolerance	+/-7%
Power consumption tolerance	+/-11%
Over Time Performance (IEC Compliant)
Control gear failure rate at median useful life	5 %
50000 h	
Control gear failure rate at median useful life	10 %
100000 h	
Lumen maintenance at median useful life*	L95
50000 h	
Lumen maintenance at median useful life*	L85
100000 h	
Product Data	074054473760300
Full product code	871951473769300
Order product name	LL512X LED61S/840 PSD MB 7 WH HE
Order code	910925868963
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910925868963
Full product name	LL512X LED61S/840 PSD MB 7 WH HE

Dimensional drawing



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