



Maxos fusion

LL512X LED61S/840 PSD WB 7 WH

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

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 an 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 layout 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			
Beam angle of light source	120 °	Protection class IEC	Safety class I (I)
Light source colour	840 neutral white	Glow-wire test	850/30 [Temperature 850 °C, duration 30 s]
Light source replaceable	No	Flammability mark	F [For mounting on normally flammable surfaces]
Number of gear units	1 unit	CE mark	CE mark
Driver/power unit/transformer	PSD [Power supply unit with DALI interface]	ENEC mark	ENEC mark
Driver included	Yes	Warranty period	5 years
Optic type	WB [Wide beam]	Remarks	* - According to the Lighting Europe guidance paper 'Evaluating performance of LED based luminaires - January 2018': statistically there is no relevant difference in lumen maintenance between the B50 and, for example, the B10. Therefore, the median
Luminaire light beam spread	85° x 85°		
Control interface	DALI		
Connection	CU7 [Connection unit 7-pole]		
Cable	-		

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	useful life (B50) value also represents the B10 value.
Constant light output	No
Number of products on MCB (16 A type B)	24
EU RoHS compliant	Yes
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	Steel
Reflector material	-
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Steel
Optical cover/lens finish	Textured
Overall length	1138 mm
Overall width	80 mm
Overall height	15 mm
Height	15 mm
Colour	White
Dimensions (height x width x depth)	15 x 80 x 1138 mm (0.6 x 3.1 x 44.8 in)

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. Colour Temperature	4000 K
Init. Colour 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 50,000 h	5 %
Lumen maintenance at median useful life* 50,000 h	L90
Lumen maintenance at median useful life* 100,000 h	-

Application Conditions

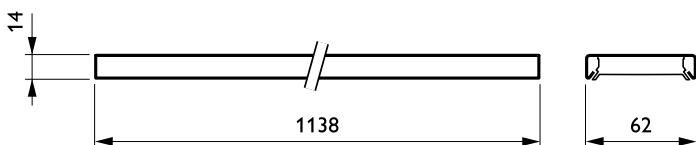
Ambient temperature range	-20 to +35 °C
Performance ambient temperature Tq	25 °C
Maximum dimming level	1%
Suitable for random switching	Not applicable

Product Data

Full product code	871869638422000
Order product name	LL512X LED61S/840 PSD WB 7 WH
EAN/UPC – product	8718696384220
Order code	38422000
SAP numerator – quantity per pack	1
Numerator – packs per outer box	1
SAP material	910925864305
SAP net weight (piece)	1.300 kg



Dimensional drawing



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