



Maxos fusion

LL512X LED61S/840 PSED WB 7 WH

Maxos fusion Panel, 840 neutral white, Power supply unit with DALI interface, DC compatible for central emergency lighting, external. 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 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
Number of gear units	1 unit
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.

Product family code	LL512X [Maxos fusion Panel]
Lighting Technology	LED
Value ladder	Specification
CE mark	Yes
Warranty period	5 years
Flammability mark	For mounting on normally flammable
	surfaces
ENEC mark	ENEC mark
Glow-wire test	Temperature 850 °C, duration 30 s
EU RoHS compliant	Yes

Datasheet, 2024, March 14 data subject to change

Maxos fusion

Light Tochnical	
Light Technical	6 100 lm
Luminous Flux Correlated Color Temporature (Nem)	6,100 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	136 lm/W
Color rendering index (CRI)	>80
Flickering value (PstLM) - Flickering value	1
as per EN 61000-3-3	
Stroboscopic effect visibility measure	0.4
(SVM)	120 de ma (a)
Beam angle of light source	120 degree(s)
Light source color	840 neutral white
Optic type	Wide beam
Luminaire light beam spread	85° x 85°
Unified glare rating CEN	22
Operating and Electrical	
Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Inrush current	21 A
Inrush time	0.28 ms
Power Consumption	45 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, DC
	compatible for central emergency lighting,
	external
Control interface	DALI
Constant light output	No
Mechanical and Housing	
Mechanical and Housing	Stool
Housing Material	Steel
Reflector material	-
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	Steel
Housing Color	White

Optical cover finish Overall length 1.138 mm Overall width Overall width 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 IKO2 [0.2 J standard] Sustainability rating Initial Performance (IEC Compliant) Luminous flux tolerance Initial chromaticity Over Time Performance (IEC Compliant) Control gear failure rate at median useful life 50000 h Control gear failure rate at median useful life 100000 h Lumen maintenance at median useful life 50000 h Lumen maintenance at median useful life 100000 h Application Conditions Performance ambient temperature Tq Application Conditions Performance ambient temperature Tq Suitable for random switching Not applicable Product Data Order product name LL512X LED615/840 PSED WB 7 WH Full product code 910925864311 Material Nr. (12NC) Punch Conduct Cose BY18696384282		
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) Luminous flux tolerance +/-7% Initial chromaticity (0.34 . 0.35) SDCM <3 Power consumption tolerance +/-11% Over Time Performance (IEC Compliant) Control gear failure rate at median useful life 50000 h Control gear failure rate at median useful life 100000 h Lumen maintenance at median useful life 50000 h Lumen maintenance at median useful life 100000 h Lumen maintenance at median useful life 100000 h Application Conditions Performance ambient temperature Tq 25 °C Maximum dim level 1% Suitable for random switching Not applicable Product Data Order product name LL512X LED615/840 PSED WB 7 WH Full product name LL512X LED615/840 PSED WB 7 WH Full product code 910925864311 Material Nr. (12NC) 910925864311 Numerator - Quantity Per Pack 1 EAN/UPC - Product/Case 8718696384282	Optical cover finish	Textured
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Dimensional drawing



