# **PHILIPS** Lighting



# **Maxos fusion**

# LL512X LED61S/840 PSD XNB 7 WH XT

Maxos fusion Panel, 840 neutral white, Power supply unit with DALI interface, Extra narrow 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	
Light source replaceable	No
Number of gear units	Unit
Driver included	Yes
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
	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
Light Technical	
Luminous Flux	6,100 lm

### **Maxos fusion**

Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	137 lm/W
Colour rendering index (CRI)	>80
Flickering value (PstLM)	1
Stroboscopic effect	0.4
Beam angle of light source	120 degree(s)
Light source colour	840 neutral white
Optic type	Extra narrow beam
Luminaire light beam spread	18° x 35°
Unified Glare Rating (CEN)	22
Operating and Electrical	
Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Inrush current	4.5 A
Inrush time	1 ms
Power Consumption	45 W
Power Factor (Fraction)	0.97
Connection	Connection unit 7-pole
Cable	-
Number of products on MCB of 16 A type	18
В	
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
Machanical and Herrise	
Mechanical and Housing	
Housing material	Steel
Reflector material	-
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Steel

White

Textured

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]
Protection class IEC	Safety class I
Initial Deuferman et (IEC Compliant)	
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-7%
Initial chromaticity	(0.34. 0.35) SDCM <3
Power consumption tolerance	+/-11%
Over Time Performance (IEC Complia	ant)
Control gear failure rate at median useful	5%
life 50,000 h	5 %
Control gear failure rate at median useful	10 %
life 100,000 h	10 %
Lumen maintenance at median useful life*	195
50,000 h	
Lumen maintenance at median useful life*	1.85
100,000 h	
Application Conditions	
Performance ambient temperature Tq	25 °C
Maximum dim level	1%
Suitable for random switching	Not applicable
Product Data	
Product Data	
Order product name	LL512X LED61S/840 PSD XNB 7 WH XT LL512X LED61S/840 PSD XNB 7 WH XT
Full product name Full EOC	871869698727800
Order code	98727800
Material no. (12 NC)	910925864626
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8718696987278
Numerator – packs per outer box	1
EAN/UPC - Case	8718696987278

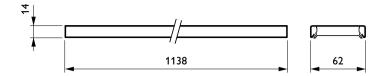
Housing Colour

Overall length

Optical cover/lens finish

## **Maxos fusion**

#### Dimensional drawing





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