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 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
Light Technical	
Luminous Flux	6,100 lm
Correlated Color Temperature (Nom)	4000 K

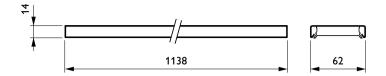
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Luminous Efficacy (rated) (Nom)	127 lm /\//	
Luminous Efficacy (rated) (Nom)	137 lm/W	Overall height
Color rendering index (CRI)	>80	Dimensions (Heigh
Flickering value (PstLM)	1	
Stroboscopic effect value (SVM)	0.4	Approval and A
Beam angle of light source	120 degree(s)	Ingress protection
Light source color	840 neutral white	Mech. impact prot
Optic type	Extra narrow beam	Protection class IE
Luminaire light beam spread	18° x 35°	
Unified glare rating CEN	22	Initial Performa
		Luminous flux tole
Operating and Electrical		Initial chromaticity
Input Voltage	220-240 V	Power consumption
Line Frequency	50 to 60 Hz	_
Inrush current	4.5 A	Over Time Perfo
Inrush time	1 ms	Control gear failur
Power Consumption	45 W	life 50000 h
Power Factor (Fraction)	0.97	Control gear failur
Connection	Connection unit 7-pole	life 100000 h
Cable	-	Lumen maintenan
Number of products on MCB of 16 A t	уре В 18	50000 h
		Lumen maintenan
Temperature		100000 h
Ambient temperature range	-20 to +35 ℃	
		Application Con
Controls and Dimming		Performance ambi
Dimmable	Yes	Maximum dim leve
Driver/power unit/transformer	Power supply unit with DALI interface	Suitable for rando
Control interface	DALI	_
Constant light output	No	Product Data
Constant Birt output		Order product nam
Mechanical and Housing		Full product name
Housing Material	Steel	Full product code
Reflector material	-	Order code
Optic material	Polycarbonate	Material Nr. (12NC
	Polycarbonate	Numerator - Quan
Optical cover material	-	EAN/UPC - Produc
Fixation material	Steel	
Housing Color	White	EAN/UPC - Case
Optical cover finish	Textured	EAN/OPC - Case
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]
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	5 %
life 50000 h	
Control gear failure rate at median useful	10 %
life 100000 h	
Lumen maintenance at median useful life*	L95
50000 h	
Lumen maintenance at median useful life*	L85
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 LED61S/840 PSD XNB 7 WH XT
Full product name	LL512X LED61S/840 PSD XNB 7 WH XT
Full product code	871869698727800
Order code	910925864626
Material Nr. (12NC)	910925864626
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696987278
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696987278

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Dimensional drawing





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