PHILIPS Lighting



Maxos fusion

LL512X LED61S/840 PSD DA25W 7 WH

Maxos fusion Panel, 840 neutral white, Power supply unit with DALI interface, Double asymmetric optic 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
Lighting reeniotogy	

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

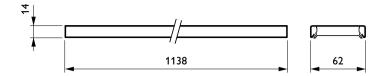
Maxos fusion

Lumineure Efferenzi (nekod) (Neme)	12C las /M/
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)	
Beam angle of light source	120 degree(s)
Light source color	840 neutral white
Optic type	Double asymmetric optic wide beam
Luminaire light beam spread	86° x 92°
Unified glare rating CEN	25
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	
	-20 to +35 °C
-	-20 to +35 °C
Ambient temperature range	-20 to +35 °C
Ambient temperature range Controls and Dimming	-20 to +35 °C
Temperature Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer	Yes
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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 Complia	int)
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 DA25W 7 WH
Full product name	LL512X LED61S/840 PSD DA25W 7 WH
Full product code	871869638449700
Order code	910925864332
Material Nr. (12NC)	910925864332
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696384497
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696384497
LANY OF C - Case	0/10090304497

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Dimensional drawing





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