PHILIPS Lighting



Maxos fusion

LL512X LED61S/840 PSD DA35W 7 WH

Maxos fusion Panel, 840 neutral white, Power supply unit with DALI interface, Double asymmetric optic 35° 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
Light Technical	
Luminous Flux	6,100 lm
Correlated Color Temperature (Nom)	4000 K

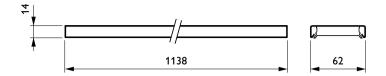
Maxos fusion

Luminous Efficacy (rated) (Nom)	136 lm/W	Overall he
Color rendering index (CRI)	>80	Dimensior
Flickering value (PstLM) - Flickering value	1	
as per EN 61000-3-3		Approva
Stroboscopic effect visibility measure	0.4	Ingress pro
(SVM)		Mech. imp
Beam angle of light source	120 degree(s)	Sustainab
Light source color	840 neutral white	Protection
Optic type	Double asymmetric optic 35° wide beam	
Luminaire light beam spread	104° x 98°	Initial Pe
Unified glare rating CEN	28	Luminous
		Initial chro
Operating and Electrical		Power cor
Input Voltage	220-240 V	
Line Frequency	50 to 60 Hz	Over Tim
Inrush current	21 A	Control ge
Inrush time	0.28 ms	life 50000
Power Consumption	45 W	Control ge
Power Factor (Fraction)	0.98	life 10000
Connection	Connection unit 7-pole	Lumen ma
Cable	-	50000 h
Number of products on MCB of 16 A type B	24	Lumen ma
		100000 h
Temperature		
Ambient temperature range	-20 to +35 °C	Applicat
		Performar
Controls and Dimming		Maximum
Dimmable	Yes	Suitable f
Driver/power unit/transformer	Power supply unit with DALI interface	
Control interface	DALI	Product
Constant light output	No	Order pro
		Full produ
Mechanical and Housing		Full produ
Housing Material	Steel	Order cod
Reflector material		Material N
Optic material	Polycarbonate	Numerato
Optical cover material	Polycarbonate	EAN/UPC
Fixation material	Steel	Numerato
Fixation material Housing Color		Numerato
Fixation material	Steel White	EAN/UPC Numerato EAN/UPC

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 ℃
Maximum dim level	1%
Suitable for random switching	Not applicable
Product Data	
Order product name	LL512X LED61S/840 PSD DA35W 7 WH
Full product name	LL512X LED61S/840 PSD DA35W 7 WH
Full product code	871869638443500
Order code	910925864326
Material Nr. (12NC)	910925864326
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696384435
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696384435

Maxos fusion

Dimensional drawing





© 2024 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.

www.lighting.philips.com 2024, March 14 - data subject to change