PHILIPS Lighting



Maxos fusion

LL512X LED61S/840 PSD PCO 7 WH

Maxos fusion Panel, 840 neutral white, Power supply unit with DALI interface, Opal, 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		Lighting Tec
Light source replaceable	No	Value ladder
Number of gear units	1 unit	CE mark
Driver included	Yes	Warranty pe
Remarks	*-Per Lighting Europe guidance paper	Flammabilit
	"Evaluating performance of LED based	
	luminaires - January 2018": statistically	ENEC mark
	there is no relevant difference in lumen	Glow-wire te
	maintenance between B50 and for	EU RoHS cor
	example B10. Therefore, the median useful	
	life (B50) value also represents the B10	Light Tech
	value.	Luminous Fl
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	5,300 lm

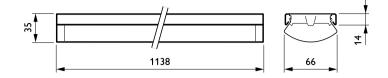
Maxos fusion

Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	118 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	Opal
Luminaire light beam spread	180°
Unified glare rating CEN	28
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	
Driver / new or unit / transformer	Yes
Driver/power unit/transformer	Yes Power supply unit with DALI interface
Control interface	
	Power supply unit with DALI interface
Control interface	Power supply unit with DALI interface
Control interface Constant light output	Power supply unit with DALI interface
Control interface Constant light output Mechanical and Housing	Power supply unit with DALI interface DALI No
Control interface Constant light output Mechanical and Housing Housing Material	Power supply unit with DALI interface DALI No
Control interface Constant light output Mechanical and Housing Housing Material Reflector material	Power supply unit with DALI interface DALI No Steel -
Control interface Constant light output Mechanical and Housing Housing Material Reflector material Optic material	Power supply unit with DALI interface DALI No Steel - Polycarbonate
Control interface Constant light output Mechanical and Housing Housing Material Reflector material Optic material Optic active material	Power supply unit with DALI interface DALI No Steel - Polycarbonate Polycarbonate
Control interface Constant light output Mechanical and Housing Housing Material Reflector material Optic material Optical cover material Fixation material	Power supply unit with DALI interface DALI No Steel - Polycarbonate Polycarbonate Steel

Overall width	66 mm
Overall height	35 mm
Dimensions (Height x Width x Depth)	35 x 66 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	
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 PCO 7 WH
order product name	LESIZA LEDOIS/040 F30 FC0 / WH
Full product name	
Full product name	
Full product code	871869638413800
Full product code Order code	871869638413800 910925864295
Full product code Order code Material Nr. (12NC)	871869638413800 910925864295 910925864295
Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack	871869638413800 910925864295 910925864295 1
Full product code Order code Material Nr. (12NC)	910925864295 910925864295

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