



# Maxos fusion

## LL515X 61S/840 PSD WB 7 HE WH

MAXOS FUSION PANEL - 840 neutral white - Power supply unit with DALI interface - 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		Protection class IEC	Safety class I
Beam angle of light source	120 °	Glow-wire test	Temperature 850 °C, duration 30 s
Light source color	840 neutral white	Flammability mark	For mounting on normally flammable surfaces
Light source replaceable	No	CE mark	CE mark
Number of gear units	1 unit	ENEC mark	ENEC mark
Driver/power unit/transformer	Power supply unit with DALI interface	Warranty period	5 years
Driver included	Yes	Constant light output	No
Optic type	Wide beam	Number of products on MCB of 16 A type B	24
Luminaire light beam spread	85° x 85°	EU RoHS compliant	Yes
Control interface	DALI	Product family code	LL515X [ MAXOS FUSION PANEL]
Connection	Connection unit 7-pole		
Cable	-		

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Unified glare rating CEN	22
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## Operating and electrical

Input Voltage	220-240 V
Input Frequency	50 to 60 Hz
Inrush current	21 A
Inrush time	0.28 ms
Power Factor (Min)	0.98

## Controls and dimming

Dimmable	Yes
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## Mechanical and housing

Housing Material	Steel
Reflector material	-
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Steel
Optical cover/lens finish	Textured
Overall length	1517 mm
Overall width	80 mm
Overall height	15 mm
Color	White
Dimensions (Height x Width x Depth)	15 x 80 x 1517 mm (0.6 x 3.1 x 59.7 in)

## Approval and application

Ingress protection code	IP20 [ Finger-protected]
Mech. impact protection code	IK02 [ 0.2 J standard]

## Initial performance (IEC compliant)

Initial luminous flux (system flux)	6100 lm
Luminous flux tolerance	+/-7%
Initial LED luminaire efficacy	165 lm/W

Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	>80
Initial chromaticity	(0.34, 0.35) SDCM <3
Initial input power	37 W
Power consumption tolerance	+/-11%

## Over time performance (IEC compliant)

Control gear failure rate at median useful life 50000 h	5 %
Control gear failure rate at median useful life 100000 h	10 %
Lumen maintenance at median useful life* 50000 h	L90

## Application conditions

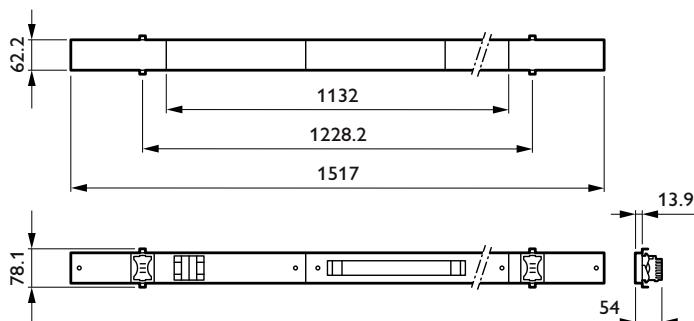
Ambient temperature range	-20 to +35 °C
Performance ambient temperature Tq	25 °C
Maximum dim level	1%
Suitable for random switching	Not applicable

## Product data

Full product code	871951474857699
Order product name	LL515X 61S/840 PSD WB 7 HE WH
EAN/UPC - Product	8719514748576
Order code	910925868648
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2
Material Nr. (12NC)	910925868648
Net Weight (Piece)	3.300 kg



## Dimensional drawing



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