



Guaranteed performance, thinking ahead

Maxos fusion

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.

Benefits

- Freedom of (re-)positioning enables you to direct the light where needed
- Family of fixtures to create the desired atmosphere; wide variety of beam shapes to suit diversity of applications
- With up to 13-wire track, emergency lighting and third-party hardware can be integrated to declutter ceilings

Features

- Track system inside the trunk with up to 13 wires
- High uniformity and artefact-free light distributions
- Linear fixtures, non-linear fixtures and spots can be easily installed onto the trunk
- Eight optics, including (double) asymmetric distributions and a frosted cover
- IP54 optional, silicone-free
- StoreWise, Indoor Positioning and GreenWarehouse-ready

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Application

- (Food) retail
- Industrial halls/areas
- Warehouses/distribution centers

Versions

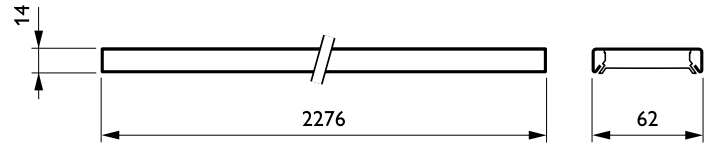
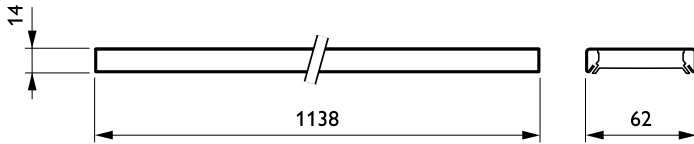


Maxos Fusion Panel-LL512X WB WH



Maxos Fusion Panel-LL523X WB WH

Dimensional drawing



Product details



Maxos_Fusion_Panel-LL512X_WH-DP01.tif



Maxos_Fusion_Panel-LL512X_WH-DP06.tif

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Product details

Maxos_Fusion_Panel-
LL512X_WH-DP07.tif



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General Information

CE mark	Yes
Driver included	Yes
ENEC mark	ENEC mark
Flammability mark	For mounting on normally flammable surfaces
Glow-wire test	Temperature 850 °C, duration 30 s
Light source replaceable	No
Number of gear units	1 unit

Light Technical

Beam angle of light source	120 degree(s)
Correlated Color Temperature (Nom)	4000 K
Color rendering index (CRI)	>80
Optic type	Medium beam
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	0.4

Operating and Electrical

Input Voltage	220-240 V
Line Frequency	50 to 60 Hz

Temperature

Ambient temperature range	-20 to +35 °C
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Controls and Dimming

Dimmable	Yes
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Mechanical and Housing

Housing Color	White
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Approval and Application

Protection class IEC	Safety class I
Mech. impact protection code	IK02
Ingress protection code	IP20

Initial Performance (IEC Compliant)

Initial chromaticity	(0.34, 0.35) SDCM <3
Luminous flux tolerance	+/-7%

Application Conditions

Maximum dim level	1%
Suitable for random switching	Not applicable

General Information

Order Code	Full Product Name	Product family code
910925864313	LL512X LED50S/840 PSD MB 7 WH	LL512X
910925864316	LL523X LED100S/840 PSD MB 7 WH	LL523X

Light Technical

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Order Code	Full Product Name	Luminous Efficacy (rated) (Nom)	Luminous Flux
910925864313	LL512X LED50S/840 PSD MB 7 WH	138 lm/W	5,000 lm

Order Code	Full Product Name	Luminous Efficacy (rated) (Nom)	Luminous Flux
910925864316	LL523X LED100S/840 PSD MB 7 WH	140 lm/W	10,100 lm

Operating and Electrical

Order Code	Full Product Name	Power Consumption
910925864313	LL512X LED50S/840 PSD MB 7 WH	36 W

Order Code	Full Product Name	Power Consumption
910925864316	LL523X LED100S/840 PSD MB 7 WH	71 W

