



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

Maxos fusion

Application

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

Versions

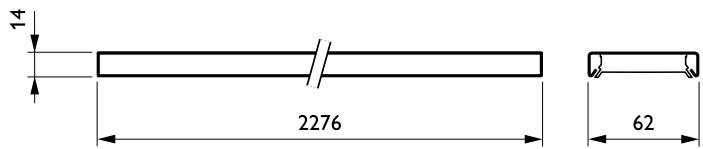
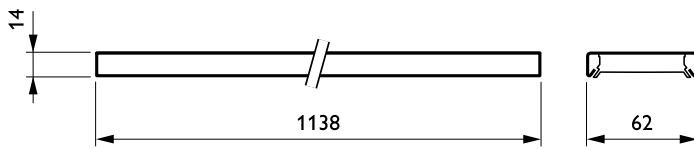


Maxos Fusion Panel-LL512X WB BK



Maxos Fusion Panel-LL523X WB WH

Dimensional drawing



Maxos fusion

General Information	
Driver included	Yes
Light source replaceable	No
Number of gear units	1 unit
Service tag	Yes
Light Technical	
Beam angle of light source	120 degree(s)
Correlated Color Temperature (Nom)	4000 K
Color rendering index (CRI)	>80
Optic type	Wide beam
Operating and Electrical	
Protection class IEC	Safety class I
Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Suitable for random switching	Not applicable
Controls and Dimming	
Dimmable	Yes
Maximum dim level	1%
Mechanical and Housing	
Mech. impact protection code	IK02
Ingress protection code	IP20
Approval and Application	
Ambient temperature range	-20 to +35 °C
CE mark	Yes
ENEC mark	ENEC mark
Flammability mark	For mounting on normally flammable surfaces
Glow-wire test	Temperature 850 °C, duration 30 s
Flickering value (PstLM) – Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	0.4
Initial Performance (IEC Compliant)	
Initial chromaticity	(0.34. 0.35) SDCM <3
Luminous flux tolerance	+/-7%

Light Technical

Order Code	Full Product Name	Luminous Efficacy (rated) (Nom)	Luminous Flux
910925868124	LL512X LED31S/840 PSED WB-OC 13 BK XA	175 lm/W	3,150 lm
910925868950	LL523X LED62S/840 PSD WB 7 WH HE	180 lm/W	6,200 lm

Operating and Electrical

Order Code	Full Product Name	Power Consumption
910925868124	LL512X LED31S/840 PSED WB-OC 13 BK XA	18 W

Order Code	Full Product Name	Power Consumption
910925868950	LL523X LED62S/840 PSD WB 7 WH HE	34.5 W

Mechanical and Housing

Maxos fusion

Order Code	Full Product Name	Housing Color
910925868124	LL512X LED31S/840 PSED WB-OC 13 BK XA	Black

Order Code	Full Product Name	Housing Color
910925868950	LL523X LED62S/840 PSD WB 7 WH HE	White

Emergency Operation

Order Code	Full Product Name	Central	
		Emergency	Emergency lighting
910925868124	LL512X LED31S/840 PSED WB-OC 13 BK XA	Yes	DC operated central emergency lighting

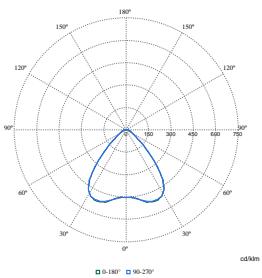
Order Code	Full Product Name	Central	
		Emergency	Emergency lighting
910925868950	LL523X LED62S/840 PSD WB 7 WH HE	-	-

Product Data

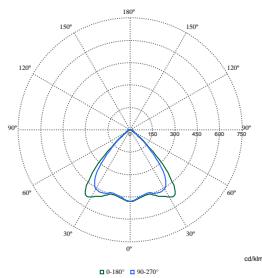
Order Code	Full Product Name	Product family code
910925868124	LL512X LED31S/840 PSED WB-OC 13 BK XA	LL512X

Order Code	Full Product Name	Product family code
910925868950	LL523X LED62S/840 PSD WB 7 WH HE	LL523X

Polar Wide Diagrams



Polar Normal (separate) - LL500XI -
910925868950



Polar Normal (separate) - LL500XI -
910925868124

