



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 an 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 layout 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
- A family of fixtures to create the desired atmosphere; wide variety of beam shapes to suit diversity of applications
- With up to a 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

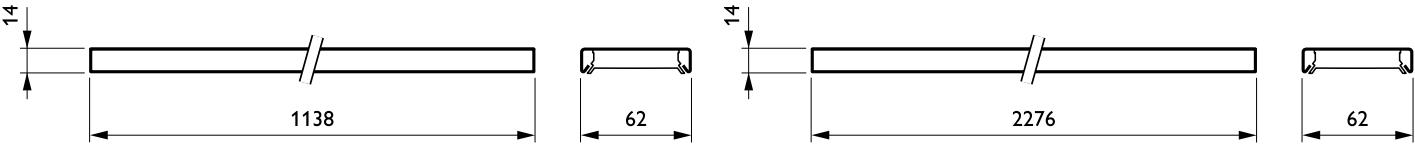
- (Food) retail
- Industrial halls/areas
- Warehouses/distribution centres

Versions



Maxos Fusion Panel-LL512X WB WH

Dimensional drawing



General Information	
Driver included	Yes
Light source replaceable	No
Number of gear units	Unit
Service Tag	Yes
Light Technical	
Beam angle of light source	120 degree(s)
Correlated Colour Temperature (Nom)	4000 K
Colour rendering index (CRI)	>80
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	
Housing Colour	White
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)	1
Stroboscopic effect	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)		Luminous Flux	Optic type
		(nom.)			
78919700	LL512X LED80S/840 PSD WB 7 WH HE	160 lm/W		8,000 lm	Wide beam
14505400	LL523X LED123S/840 PSD WB 7 WH XA	181 lm/W		12,300 lm	Wide beam
15038600	LL523X LED160S/840 PSD NB 7 WH XA	176 lm/W		16,000 lm	Narrow beam
78918000	LL523X LED160S/840 PSD WB 7 WH HE	165 lm/W		16,000 lm	Wide beam

Operating and Electrical

Order Code	Full Product Name	Power Consumption
78919700	LL512X LED80S/840 PSD WB 7 WH HE	50 W
14505400	LL523X LED123S/840 PSD WB 7 WH XA	68 W

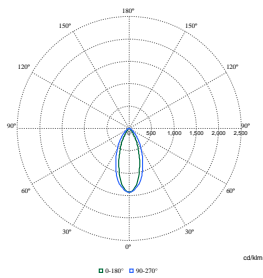
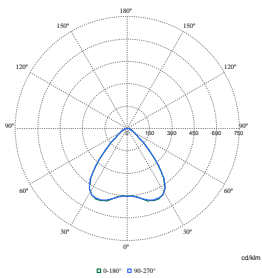
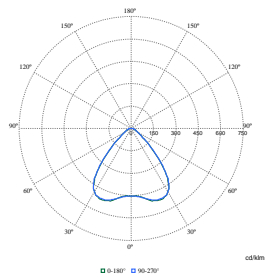
Order Code	Full Product Name	Power Consumption
15038600	LL523X LED160S/840 PSD NB 7 WH XA	91 W
78918000	LL523X LED160S/840 PSD WB 7 WH HE	97 W

Product Data

Order Code	Full Product Name	Product family code
78919700	LL512X LED80S/840 PSD WB 7 WH HE	LL512X
14505400	LL523X LED123S/840 PSD WB 7 WH XA	LL523X

Order Code	Full Product Name	Product family code
15038600	LL523X LED160S/840 PSD NB 7 WH XA	LL523X
78918000	LL523X LED160S/840 PSD WB 7 WH HE	LL523X

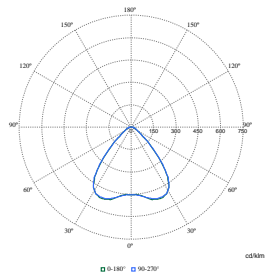
Polar Wide Diagrams



Polar Normal (separate) - LL500XI - 910925869742

Polar Normal (separate) - LL500XI - 910925867816

Polar Normal (separate) - LL500XI - 910925867855



Polar Normal (separate) - LL500XI - 910925869743

