



Guaranteed performance, thinking ahead

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
- 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

Applications

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

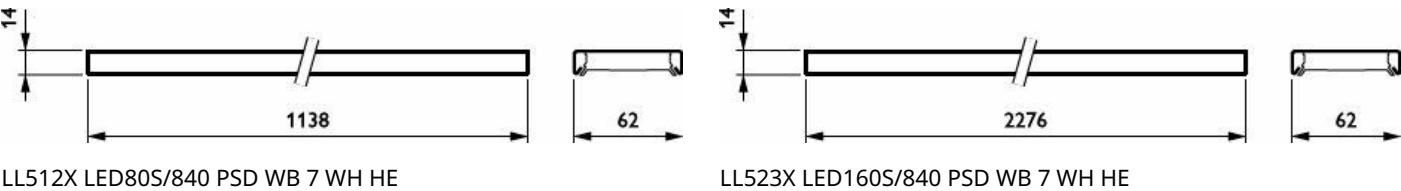
Features

- 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

Versions



Dimensional drawing



General Information	
Light source replaceable	No
Number of gear units	Unit
Driver included	Yes
Service Tag	Yes
Light Technical	
Correlated Colour Temperature (Nom)	4000 K
Colour rendering index (CRI)	>80
Beam angle of light source	120 degree(s)
Operating and Electrical	
Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Suitable for random switching	Not applicable
Protection class IEC	Safety class I
Controls and Dimming	
Dimmable	Yes
Maximum dim level	1%

Mechanical and Housing

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

Approval and Application

Glow-wire test	Temperature 850 °C, duration 30 s
Flammability mark	For mounting on normally flammable surfaces
CE mark	Yes
ENEC mark	ENEC mark
Flickering value (PstLM)	1
Stroboscopic effect	0.4
Ambient temperature range	-20 to +35 °C

Initial Performance (IEC Compliant)

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

Light Technical

Order Code	Full Product Name	Luminous Flux	Luminous efficacy (rated) (nom.)	Optic type
910925869743	LL512X LED80S/840 PSD WB 7 WH HE	8,000 lm	160 lm/W	Wide beam
910925867816	LL523X LED123S/840 PSD WB 7 WH XA	12,300 lm	181 lm/W	Wide beam
910925867855	LL523X LED160S/840 PSD NB 7 WH XA	16,000 lm	176 lm/W	Narrow beam
910925869742	LL523X LED160S/840 PSD WB 7 WH HE	16,000 lm	165 lm/W	Wide beam

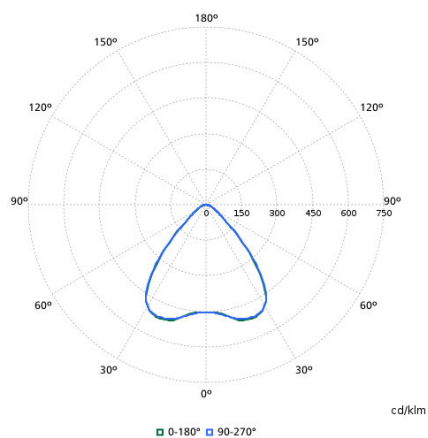
Operating and Electrical

Order Code	Full Product Name	Power Consumption
910925869743	LL512X LED80S/840 PSD WB 7 WH HE	50 W
910925867816	LL523X LED123S/840 PSD WB 7 WH XA	68 W
910925867855	LL523X LED160S/840 PSD NB 7 WH XA	91 W
910925869742	LL523X LED160S/840 PSD WB 7 WH HE	97 W

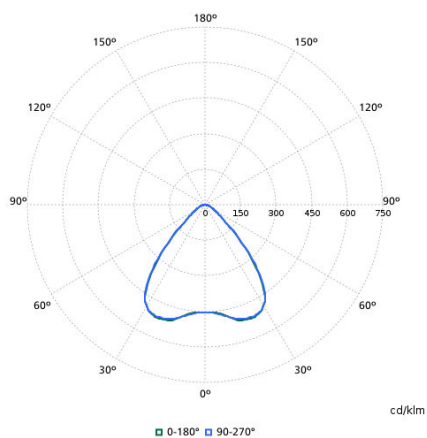
Product Data

Order Code	Full Product Name	Product family code
910925869743	LL512X LED80S/840 PSD WB 7 WH HE	LL512X
910925867816	LL523X LED123S/840 PSD WB 7 WH XA	LL523X
910925867855	LL523X LED160S/840 PSD NB 7 WH XA	LL523X
910925869742	LL523X LED160S/840 PSD WB 7 WH HE	LL523X

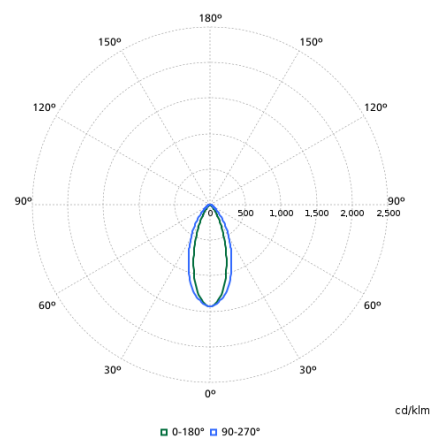
Polar normal diagrams



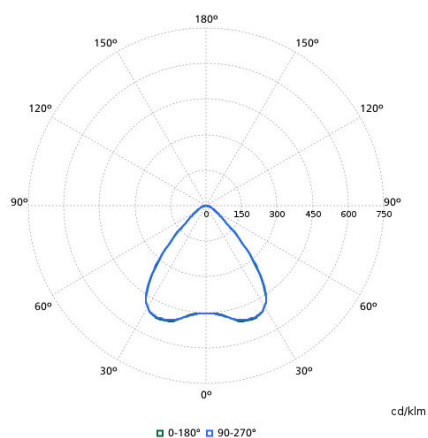
LL500XI - 910925869742



LL500XI - 910925867816



LL500XI - 910925867855



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