



# CoreLine Trunking – the clear choice for LED

## CoreLine Trunking

Whether for a new facility or renovation of an existing space, customers want lighting solutions that provide quality of light and substantial energy and maintenance savings. The new CoreLine Trunking range of LED products can be used to replace general lighting. The process of selecting, installing and maintaining is so easy – it's a simple switch.

### Benefits

- High efficiency enables energy savings of more than 50% compared to fluorescent-based luminaires; attractive investment level and fast payback
- Good quality of light with high output to meet the requirements of demanding applications
- Easy to order and install, thus requiring less time and reducing packaging waste and complexity

### Features

- Philips Fortimo LED Line 1R for high efficiency and reliability
- Advanced optics enable precise and energy-saving beam shapes
- Simplicity: only two 12 NC codes needed to make a light line
- Requires much less packaging than fluorescent, reducing total installation time

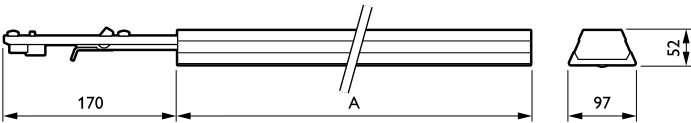
### Application

- Supermarkets
- Warehouses
- Production facilities

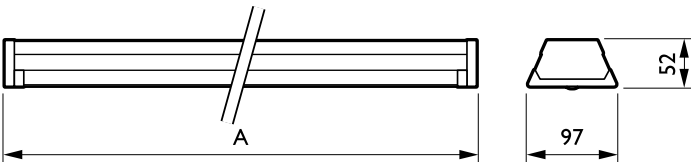
Versions



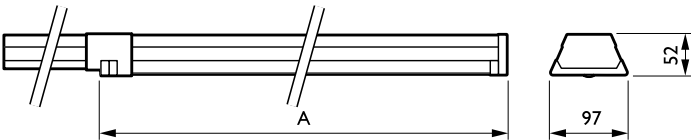
Dimensional drawing



Product	A
LL120X LED90S/840 PSD DA20 7 WH	3450 mm
LL120X LED90S/840 PSD NB 7 WH	3450 mm



Product	A
LL120X LED90S/840 PSD DA20 7 WH	3464 mm
LL120X LED90S/840 PSD NB 7 WH	3464 mm



Product	A
LL120X LED90S/840 PSD DA20 7 WH	3724 mm
LL120X LED90S/840 PSD NB 7 WH	3724 mm

Product details



## Application Conditions

Ambient temperature range	-20 to +35 °C
Average ambient temperature	25 °C
Maximum dim level	1%
Suitable for random switching	No

## Approval and Application

Mech. impact protection code	IK02
Ingress protection code	IP20

## Controls and Dimming

Dimmable	Yes
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## Operating and Electrical

Circuit	No
Input Voltage	220 to 240 V

## General Information

Accessories included	MB-SW
Beam angle of light source	120 °
CE mark	CE mark
Protection class IEC	Safety class I (I)
Optical cover/lens type	No
Driver included	Yes
Emergency lighting	No
ENEC mark	ENEC mark
Flammability mark	F
Glow-wire test	650/5
Lamp family code	LED90S
Light source replaceable	No
Mechanical accessories	No
Number of gear units	2 units
Number of light sources	6
Product Family Code	LL120X
Standard RAL colour	Traffic white (9016)
Internal wiring	Standard

## Initial Performance (IEC Compliant)

Initial chromaticity	(0.38, 0.38) SDCM <3
Init. Corr. Colour Temperature	4000 K
Init. Colour Rendering Index	≥80
Initial LED luminaire efficacy	141 lm/W
Initial luminous flux	9000 lm
Luminous flux tolerance	+/-7%
Initial input power	64 W

## Mechanical and Housing

Colour	White
Diameter	-

## Over Time Performance (IEC Compliant)

Driver failure rate at 5000 h	1 %
Median useful life L80B50	50000 h
Median useful life L90B50	25000 h

## General Information

Order Code	Full Product Name	Optic type
910925682933	LL120X LED90S/840 PSD NB 7 WH	NB
910925682947	LL120X LED90S/840 PSD DA20 7 WH	DA20
910925772904	LL120X LED90S/840 PSD WB 7 WH	WB

