



# 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

### Specifications

## CoreLine Trunking

<b>Type</b>	LL120X (3.4 m version)
	LL120X (3.4 m standalone version: ready-to-install (KIT) with ceiling-mounting bracket (SMB))
	LL121X (1.7 m version)
	LL121X (1.7 m standalone version: ready-to-install (KIT) with ceiling-mounting bracket (SMB))
	LL122X (3.4 m half blind version)
	LL123X (3C track version)
<b>Light source</b>	Philips Fortimo LED Line 1R
<b>Power</b>	LL120X: 69 or 124 W
	LL121X: 34.5 or 62 W
<b>Beam angle</b>	2 x 20, 2 x 25, 2 x 30, 2 x 45, 2 x 50, 2 x 80, 1 x 30°
<b>Luminous flux</b>	LL120X: 9,000 or 16,000 lm for 4,000 and 6,500 K, 15,200 lm for 3,000 K
	LL121X: 4,500 or 8,000 lm for 4,000 and 6,500 K, 7,600 lm for 3,000 K
<b>Correlated Colour Temperature</b>	3,000, 4,000 and 6,500 K
<b>Colour Rendering Index</b>	>80
<b>Lumen maintenance at median useful life*</b>	L80
<b>50,000 h</b>	
<b>Control gear failure rate at median useful life</b>	5%
<b>50,000 h</b>	
<b>Performance Ambient Temperature Tq</b>	+25 °C

<b>Operating temperature range</b>	-20 to +35 °C
<b>Driver</b>	Built-in (Philips Xitanium)
<b>Mains voltage</b>	230 or 240 V/50-60 Hz
<b>Dimming</b>	DALI dimmer
<b>Control system input</b>	0-16 V
<b>Material</b>	Housing: steel
	Lenses: PMMA or polycarbonate (for emergency lighting versions)
<b>Colour</b>	White
<b>Optic</b>	Narrow, medium, wide beam, asymmetric, double asymmetric and opal optic
<b>Optical cover</b>	PMMA or polycarbonate
<b>Connection</b>	Integral male/female connectors
<b>Maintenance</b>	No internal cleaning required
<b>Installation</b>	Suspended with brackets and wire (standard)
	Surface-mounted with caddy clip or bracket (additional accessories required)
	Through-wiring standard
<b>Accessories</b>	Blind covers, chain brackets, profile brackets, mounting brackets for suspension wire and ceiling mounting brackets, suspension wire, electrical connectors (LL120Z)
<b>Remarks</b>	Emergency lighting versions, battery-based (3 hours, EL3) or centrally driven emergency

## Accessories



Ordercode 910925255036



Závěsné lanko Ø 2 mm, délka 5 m

Ordercode 910925255040

# CoreLine Trunking

## Application Conditions

Ambient temperature range	-20 to +35 °C
Suitable for random switching	No

## Approval and Application

Mech. impact protection code	IK02
Ingress protection code	IP20

## 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	LED80S
Light source replaceable	No
Mechanical accessories	No
Number of gear units	1 unit
Number of light sources	3
Product family code	LL121X
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	148 lm/W
Initial luminous flux	8000 lm
Luminous flux tolerance	+/-1%
Initial input power	54 W

## Mechanical and Housing

Colour	White
Diameter	-

## Application Conditions

Order Code	Full Product Name	Maximum dimming level
910925863971	LL121X LED80S/840 1x PSD WB 7 WH	1%
910925864019	LL121X LED80S/840 1x PSU A 5 WH	Not applicable

## Controls and Dimming

Order Code	Full Product Name	Dimmable	Order Code	Full Product Name	Dimmable
910925863971	LL121X LED80S/840 1x PSD WB 7 WH	Yes	910925864019	LL121X LED80S/840 1x PSU A 5 WH	No

## General Information

## CoreLine Trunking

Order Code	Full Product Name	Optic type	Order Code	Full Product Name	Optic type
910925863971	LL121X LED80S/840 1x PSD WB 7 WH	WB	910925864019	LL121X LED80S/840 1x PSU A 5 WH	A

