



# CoreLine Trunking

## LL120X LED90S/840 PSU A 5 WH

CoreLine Trunking - LED Module, system flux 9000 lm - Power supply unit - Asymmetrical mirror

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.

### Product data

General Information			
Number of light sources	6 pcs	Mounting	Suspension set 1-wire
Lamp family code	LED90S [ LED Module, system flux 9000 lm]	Standard RAL color	Traffic white
Beam angle of light source	120 °	Ready-to-install	-
Light source color	840 neutral white	Glow-wire test	Temperature 650 °C, duration 5 s
Light source replaceable	No	Flammability mark	For mounting on normally flammable surfaces
Number of gear units	2 units	Accessories included	Mounting bracket for suspension wire
Driver/power unit/transformer	Power supply unit	CE mark	CE mark
Driver included	Yes	ENEC mark	ENEC mark
Optic type	Asymmetrical mirror	Warranty period	3 years
Optical cover/lens type	-	Mechanical accessories	-
Luminaire light beam spread	60° x 24°	Constant light output	No
Emergency lighting	-	Number of products on MCB of 16 A type B	12
Internal wiring	Standard	RoHS mark	RoHS mark
Feed-through wiring	Feed-through wiring 5-phase	Product family code	LL120X [ CoreLine Trunking]
Connection	Connection unit 5-pole		
Cable	-	Light Technical	
Protection class IEC	Safety class I	Light Distribution	Direct lighting

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## Operating and Electrical

Input Voltage	220 to 240 V
Input Frequency	50 to 60 Hz
Control signal voltage	0-16 V DC DALI
Circuit	-
Circuit option	5 conductors
Inrush current	38 A
Inrush time	0.28 ms
Power Factor (Min)	0.95

## Controls and Dimming

Dimmable	No
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## Mechanical and Housing

Housing Material	Steel
Reflector material	-
Optic material	Acrylate
Optical cover/lens material	Acrylate
Fixation material	Steel
Optical cover/lens finish	Clear
Overall length	3450 mm
Overall width	95 mm
Overall height	52 mm
Height	52 mm
Diameter	-

## Approval and Application

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

## Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	9000 lm
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Luminous flux tolerance	+/-7%
Initial LED luminaire efficacy	141 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	≥80
Initial chromaticity	(0.38, 0.38) SDCM <3
Initial input power	70 W
Power consumption tolerance	+/-11%

## Over Time Performance (IEC Compliant)

Driver failure rate at 5000 h	1 %
Median useful life L70B50	70000 h
Median useful life L80B50	50000 h
Median useful life L90B50	25000 h

## Application Conditions

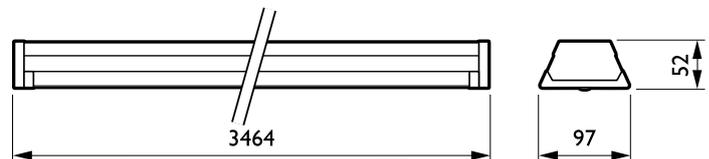
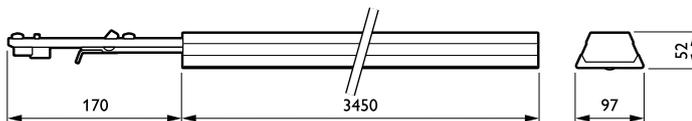
Ambient temperature range	-20 to +35 °C
Average ambient temperature	25 °C
Suitable for random switching	No

## Product Data

Full product code	871829190693300
Order product name	LL120X LED90S/840 PSU A 5 WH
EAN/UPC - Product	8718291906933
Order code	910925682967
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910925682967
Net Weight (Piece)	6.910 kg



## Dimensional drawing

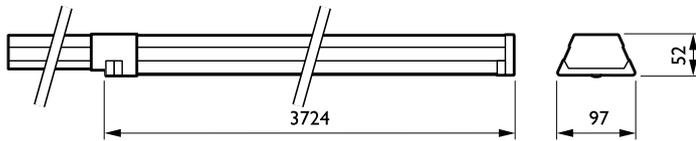


CoreLine electr. units LL120X-LL12X

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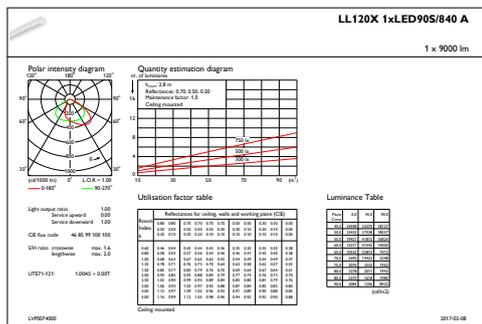
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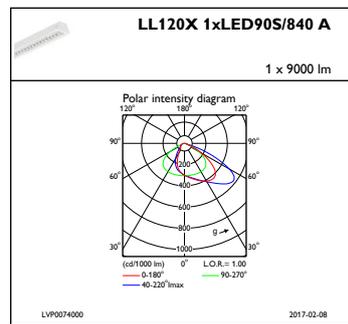


## CoreLine electr. units LL120X-LL12X

## Photometric data



## IFGU1\_LL120X1xLED90S840A



## IFPC1\_LL120X1xLED90S840A

