

CoreLine Trunking

LL120X LED160S/840 PSU NB 5 WH



LED Module, system flux 16,000 lm - 840 neutral white -
Power supply unit - Narrow beam - 5 conductors - White

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 [6 pcs]
Lamp family code	LED160S [LED Module, system flux 16,000 lm]
Light source colour	840 neutral white
Light source replaceable	No
Driver/power unit/transformer	PSU [Power supply unit]
Driver included	Yes
Optic type	NB [Narrow beam]
Optical cover/lens type	No [-]
Luminaire light beam spread	20° x 68°
Emergency lighting	No [-]
Internal wiring	Standard
Feed-through wiring	Feed-through wiring 5-phase
Connection	CU5 [Connection unit 5-pole]
Protection class IEC	Safety class I (I)
Mounting	SM1 [Suspension set 1-wire]
Standard RAL colour	Traffic white (9016)
Ready-to-install	-
Glow-wire test	650/5 [Temperature 650 °C, duration 5 s]
Flammability mark	F [For mounting on normally flammable surfaces]
Accessories included	MB-SW [Mounting bracket for suspension wire]
CE mark	CE mark
ENEC mark	ENEC mark
Mechanical accessories	No [-]
Product Family Code	LL120X

• Light Technical

Light distribution	DIR [Direct lighting]
Luminous flux tolerance	+/-2.5%

• Operating and Electrical

Input voltage	220 to 240 V
Input frequency	50-60 Hz
Control signal voltage	0-16 V DC DALI
Circuit	No [-]
Circuit option	5 [5 conductors]

• Controls and Dimming

Dimmable	No
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• Mechanical and Housing

Housing material	Steel
Optic material	Acrylate

• 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	16000 lm
Initial LED luminaire efficacy	129 lm/W
Init. Corr. colour temperature	4000 K

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Initial chromaticity (0.38, 0.38) SDCM <3
Initial input power 124 W

• Over Time Performance (IEC Compliant)

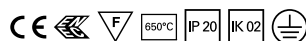
Median useful life L90B50 25000 h
Median useful life L80B50 50000 h
Median useful life L70B50 70000 h
Driver failure rate at 5,000 hours 1 %

• Application Conditions

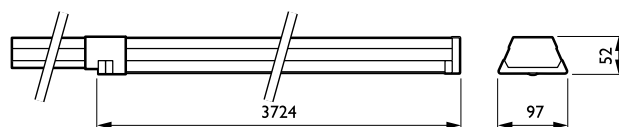
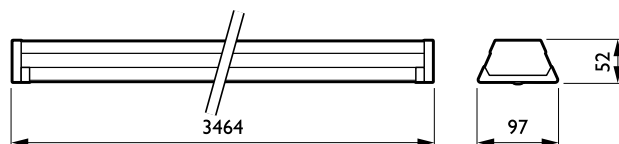
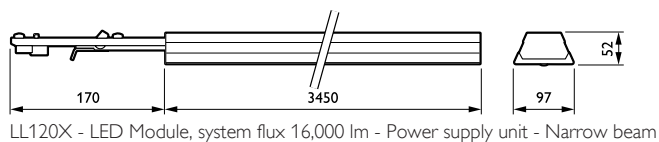
Ambient temperature range -20 to +35 °C
Suitable for random switching No

• Product Data

Full product code 871829188168100
Order product name LL120X LED160S/840 PSU NB 5 WH
EAN/UPC – product 8718291881681
Order code 88168100
Numerator – quantity per pack 1
Numerator – packs per outer box 1
Material no. (12NC) 910925682910
Net weight (piece) 6.990 kg



Dimensional drawing



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www.philips.com/lighting

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data subject to change