

CoreLine Trunking

LL120X LED90S/865 PSU WB 5 WH

CoreLine Trunking - LED Module, system flux 9000 lm - Power supply unit - Wide beam

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
Lamp family code	LED90S [LED Module, system flux 9000 lm]
Beam angle of light source	120 °
Light source color	865 cool daylight
Light source replaceable	No
Number of gear units	2 units
Driver/power unit/transformer	Power supply unit
Driver included	Yes
Optic type	Wide beam
Optical cover/lens type	-
Luminaire light beam spread	88° x 94°
Emergency lighting	-
Internal wiring	Standard
Feed-through wiring	Feed-through wiring 5-phase
Connection	Connection unit 5-pole
Cable	-
Protection class IEC	Safety class I

Mounting	Suspension set 1-wire
Standard RAL color	Traffic white
Ready-to-install	-
Glow-wire test	Temperature 650 °C, duration 5 s
Flammability mark	For mounting on normally flammable surfaces
Accessories included	Mounting bracket for suspension wire
CE mark	CE mark
ENEC mark	ENEC mark
Warranty period	3 years
Mechanical accessories	-
Constant light output	No
Number of products on MCB of 16 A type B	12
RoHS mark	RoHS mark
Product family code	LL120X [CoreLine Trunking]

Light Technical	
Light Distribution	Direct lighting

CoreLine Trunking

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

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]

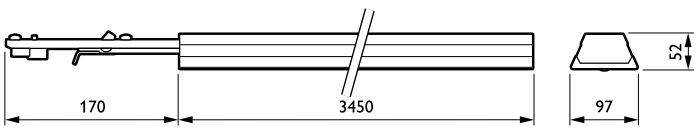
Initial Performance (IEC Compliant)	
Initial luminous flux (system flux)	9000 lm
Luminous flux tolerance	+/-7%
Initial LED luminaire efficacy	141 lm/W
Init. Corr. Color Temperature	6500 K
Init. Color Rendering Index	≥80
Initial chromaticy	(0.31, 0.33) SDCM <3
Initial input power	70 W
Power consumption tolerance	+/-11%

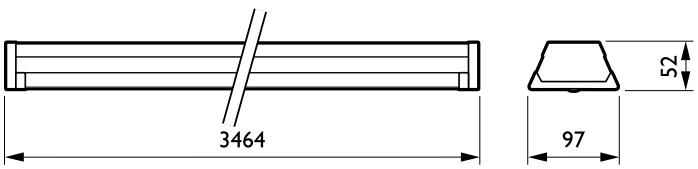
Over Time Performance (IEC Compliant)	
Driver failure rate at 5000 h	1 %
Median useful life L70B50	70000 h
Median useful life L80B50	50000 h
Median useful life L90B50	25000 h

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

Product Data	
Full product code	871829190714500
Order product name	LL120X LED90S/865 PSU WB 5 WH
EAN/UPC - Product	8718291907145
Order code	910925682988
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910925682988
Net Weight (Piece)	6.910 kg

Dimensional drawing



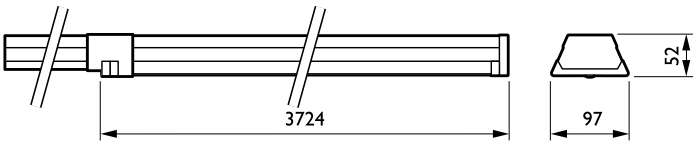


CoreLine electr. units LL120X-LL12X

CoreLine electr. units LL120X-LL12X

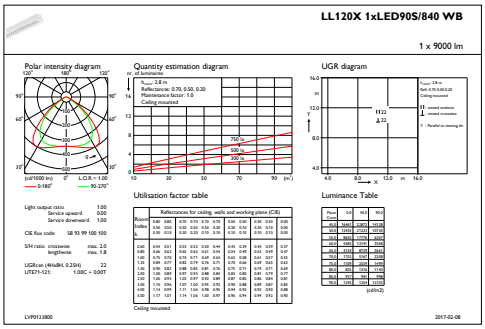
CoreLine Trunking

Dimensional drawing

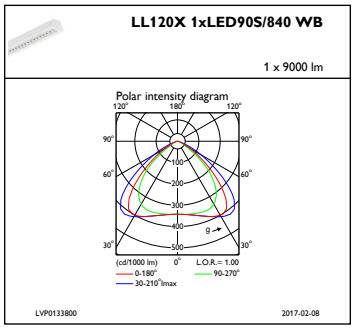


CoreLine electr. units LL120X-LL12X

Photometric data



IFGU1_LL120X1xLED90S840WB



IFPC1_LL120X1xLED90S840WB

© 2017 Philips Lighting Holding B.V. All rights reserved. Philips Lighting reserves the right to make changes in specifications and/or to discontinue any product at any timewithout notice or obligation and will not be liable for any consequences resulting from the use of this publication.