



CoreLine Trunking

LL121X LED80S/840 1x PSU WB 5 WH

CoreLine Trunking - 3 pcs - LED Module, system flux 8000 lm - Power supply unit - Wide beam - - - 5 conductors - - - Feed-through wiring 5-phase - Ceiling-mounting bracket - 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		Connection	
Number of light sources	3 pcs	Connection unit	5-pole
Lamp family code	LED80S [LED Module, system flux 8000 lm]	Cable	-
Beam angle of light source	120 °	Protection class IEC	Safety class I
Light source color	840 neutral white	Mounting	Ceiling-mounting bracket
Light source replaceable	No	Ready-to-install	-
Number of gear units	1 unit	Glow-wire test	Temperature 650 °C, duration 5 s
Driver/power unit/transformer	Power supply unit	Flammability mark	For mounting on normally flammable surfaces
Driver included	Yes	Accessories included	Mounting bracket for suspension wire
Optic type	Wide beam	CE mark	CE mark
Optical cover/lens type	-	ENEC mark	ENEC mark
Luminaire light beam spread	100° x 94°	Warranty period	3 years + 2 years upon registration
Emergency lighting	-	Mechanical accessories	-
Control interface	-	Remarks	*-Per Lighting Europe guidance paper "Evaluating performance of LED based luminaires - January 2018": statistically there is no relevant difference in lumen
Internal wiring	Standard		
Feed-through wiring	Feed-through wiring 5-phase		

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	maintenance between B50 and for example B10. Therefore the median useful life (B50) value also represents the B10 value.
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Constant light output	No
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Number of products on MCB of 16 A type B	24
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RoHS mark	RoHS mark
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Product family code	LL121X [CoreLine Trunking]
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Unified glare rating CEN	Not applicable
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Light Technical

Light Distribution	Direct lighting
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Operating and Electrical

Input Voltage	220 to 240 V
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Input Frequency	50 to 60 Hz
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Control signal voltage	0-16 V DC DALI
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Circuit	-
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Circuit option	5 conductors
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Initial CLO power consumption	- W
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Average CLO power consumption	- W
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Inrush current	19 A
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Inrush time	0.28 ms
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Power Factor (Min)	0.97
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Controls and Dimming

Dimmable	No
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Mechanical and Housing

Housing Material	Steel
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Reflector material	-
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Optic material	Acrylate
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Optical cover/lens material	Acrylate
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Fixation material	Steel
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Optical cover/lens finish	Frosted
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Overall length	1730 mm
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Overall width	95 mm
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Overall height	52 mm
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Height	52 mm
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Diameter	-
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Color	White
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Approval and Application

Ingress protection code	IP20 [Finger-protected]
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Mech. impact protection code	IK02 [0.2 J standard]
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Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	8000 lm
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Luminous flux tolerance	+/-1%
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Initial LED luminaire efficacy	148 lm/W
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Init. Corr. Color Temperature	4000 K
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Init. Color Rendering Index	≥80
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Initial chromaticity	(0.38, 0.38) SDCM <3
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Initial input power	54 W
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Power consumption tolerance	+/-10%
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Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50000 h	5 %
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Lumen maintenance at median useful life* 50000 h	L80
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Application Conditions

Ambient temperature range	-20 to +35 °C
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Performance ambient temperature Tq	25 °C
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Maximum dim level	Not applicable
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Suitable for random switching	No
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Product Data

Full product code	871869638094900
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Order product name	LL121X LED80S/840 1x PSU WB 5 WH
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EAN/UPC - Product	8718696380949
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Order code	910925863973
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Numerator - Quantity Per Pack	1
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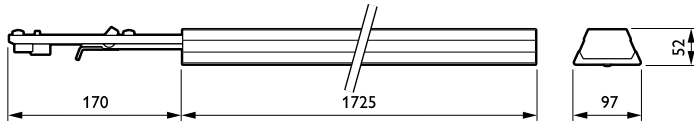
Numerator - Packs per outer box	1
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Material Nr. (12NC)	910925863973
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Net Weight (Piece)	3.690 kg
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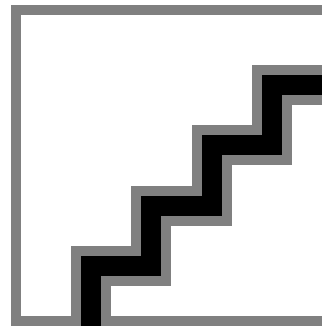
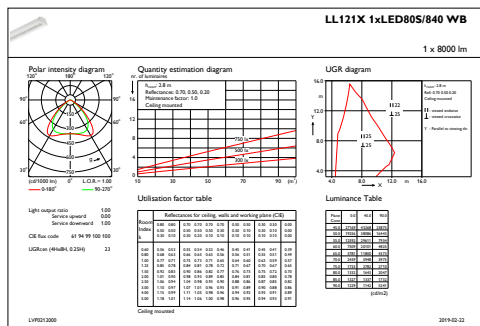
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Dimensional drawing



CoreLine electr. units LL120X-LL122X

Photometric data



IFGU1_LL121X1xLED80S840WB

IFPC1_LL121X1xLED80S840WB

