



CoreLine Trunking

LL121X LED45S/840 PSU NB 5 WH

CoreLine Trunking - LED Module, system flux 4500 lm - Power supply unit - Narrow 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		Mounting	
Number of light sources	3 pcs	Standard RAL color	Suspension set 1-wire
Lamp family code	LED45S [LED Module, system flux 4500 lm]	Ready-to-install	Traffic white
Beam angle of light source	120 °	Glow-wire test	-
Light source color	840 neutral white	Flammability mark	Temperature 650 °C, duration 5 s
Light source replaceable	No	Accessories included	For mounting on normally flammable surfaces
Number of gear units	1 unit	CE mark	Mounting bracket for suspension wire
Driver/power unit/transformer	Power supply unit	ENEC mark	CE mark
Driver included	Yes	Warranty period	ENEC mark
Optic type	Narrow beam	Mechanical accessories	3 years
Optical cover/lens type	-	Constant light output	-
Luminaire light beam spread	20° x 68°	Number of products on MCB of 16 A type B	No
Emergency lighting	-	RoHS mark	24
Internal wiring	Standard	Product family code	RoHS mark
Feed-through wiring	Feed-through wiring 5-phase		LL121X [CoreLine Trunking]
Connection	Connection unit 5-pole	Light Technical	
Cable	-	Light Distribution	Direct lighting
Protection class IEC	Safety class I		

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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	19 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	1730 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)	4500 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	35 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

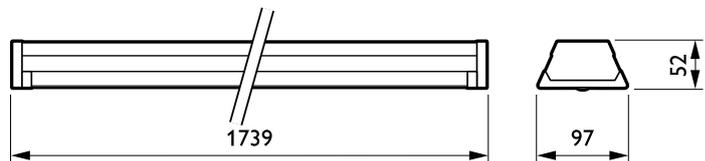
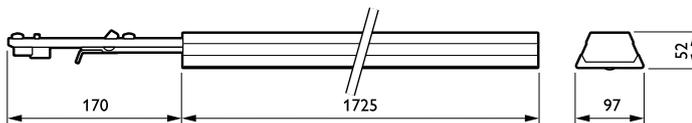
Ambient temperature range	-20 to +35 °C
Average ambient temperature	25 °C
Suitable for random switching	No

Product Data

Full product code	871829188435400
Order product name	LL121X LED45S/840 PSU NB 5 WH
EAN/UPC - Product	8718291884354
Order code	910925682955
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910925682955
Net Weight (Piece)	3.650 kg



Dimensional drawing

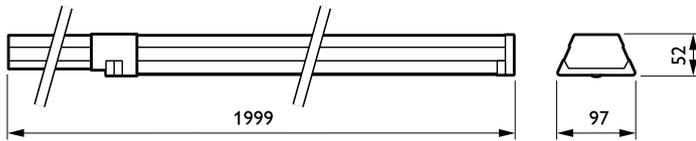


CoreLine electr. units LL120X-LL12X

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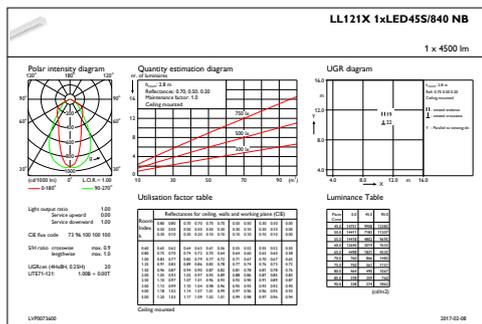
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Dimensional drawing

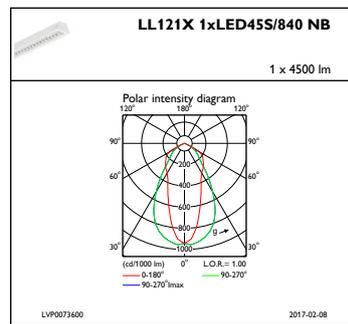


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Photometric data



IFGU1_LL121X1xLED45S840NB



IFPC1_LL121X1xLED45S840NB

