



CoreLine Trunking

LL121X LED42S/840 1x PSU O 5 WH

CoreLine Trunking - LED Module, system flux 4200 lm - 840 neutral white - Power supply unit - Opal - 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		Light Technical	
Number of light sources	3 pcs	Mounting	Suspension set 1-wire
Lamp family code	LED42S [LED Module, system flux 4200 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 850 °C, duration 5 s
Light source replaceable	No	Flammability mark	For mounting on normally flammable surfaces
Number of gear units	1 unit	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	-	Warranty period	3 years + 2 years upon registration
Optical cover/lens type	Opal	Mechanical accessories	-
Luminaire light beam spread	120°	Constant light output	No
Emergency lighting	-	Number of products on MCB of 16 A type B	24
Internal wiring	Standard	RoHS mark	RoHS mark
Feed-through wiring	Feed-through wiring 5-phase	Product family code	LL121X [CoreLine Trunking]
Connection	Connection unit 5-pole		
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	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Steel
Optical cover/lens finish	Opal
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)	4200 lm
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Luminous flux tolerance	+/-7%
Initial LED luminaire efficacy	131 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

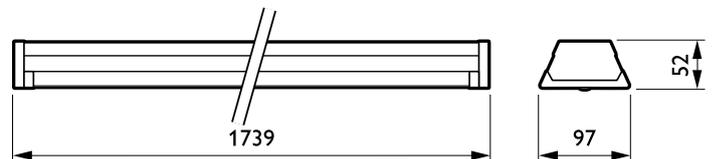
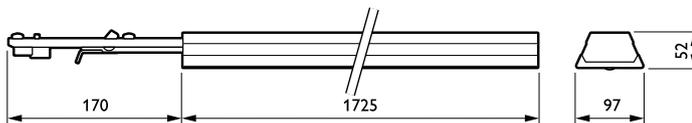
Ambient temperature range	-20 to +35 °C
Average ambient temperature	25 °C
Suitable for random switching	No

Product Data

Full product code	871829190731200
Order product name	LL121X LED42S/840 1x PSU O 5 WH
EAN/UPC - Product	8718291907312
Order code	910925683005
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910925683005
Net Weight (Piece)	3.650 kg



Dimensional drawing

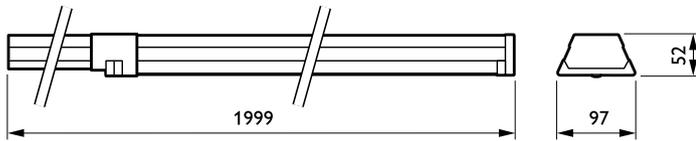


CoreLine electr. units LL120X-LL12X

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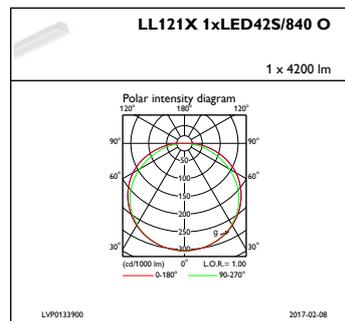
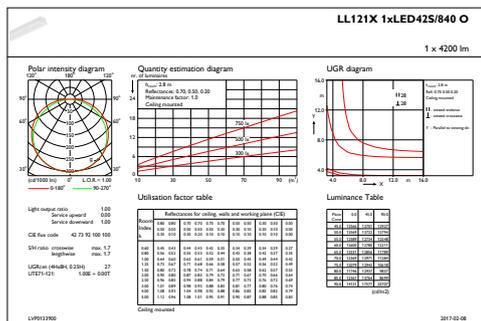
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Dimensional drawing



CoreLine electr. units LL120X-LL12X

Photometric data



IFGU1_LL121X1xLED42S8400

IFPC1_LL121X1xLED42S8400

