



# CoreLine Trunking

## LL121X LED75S/840 1x PSD O 7 WH

CoreLine Trunking – 3 pcs – LED Module, system flux 7500 lm –  
Power supply unit with DALI interface – – – Opal – 7 conductors  
– – – Feed-through wiring 7-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			
Number of light sources	3 pcs	Connection	Connection unit 7-pole
Lamp family code	LED75S [ LED Module, system flux 7500 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 with DALI interface	Flammability mark	For mounting on normally flammable surfaces
Driver included	Yes	Accessories included	Mounting bracket for suspension wire
Optic type	-	CE mark	CE mark
Optical cover/lens type	Opal	ENEC mark	ENEC mark
Luminaire light beam spread	126° x 116°	Warranty period	5 years
Emergency lighting	-	Mechanical accessories	-
Control interface	DALI	Remarks	* -Per Lighting Europe guidance paper "Evaluating performance of LED based luminaires – January 2018": statistically there
Internal wiring	Standard		
Feed-through wiring	Feed-through wiring 7-phase		

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

### Light Technical

Light Distribution	Direct lighting
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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	7 conductors
Initial CLO power consumption	- W
Average CLO power consumption	- W
Inrush current	22 A
Inrush time	0.275 ms
Power Factor (Min)	0.97

### Controls and Dimming

Dimmable	Yes
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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	Opal
Overall length	1730 mm
Overall width	95 mm
Overall height	52 mm
Height	52 mm
Diameter	-

Color	White
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### 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)	7500 lm
Luminous flux tolerance	+/-1%
Initial LED luminaire efficacy	139 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	≥80
Initial chromaticity	(0.38, 0.38) SDCM <3
Initial input power	54 W
Power consumption tolerance	+/-10%

### Over Time Performance (IEC Compliant)

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

### Application Conditions

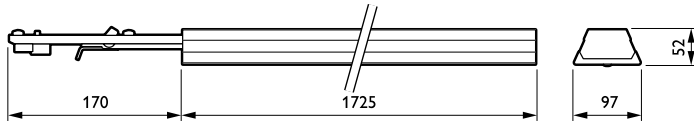
Ambient temperature range	-20 to +35 °C
Performance ambient temperature Tq	25 °C
Maximum dim level	1%
Suitable for random switching	No

### Product Data

Full product code	871869638102100
Order product name	LL121X LED75S/840 1x PSD O 7 WH
EAN/UPC - Product	8718696381021
Order code	910925863981
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910925863981
Net Weight (Piece)	3.850 kg

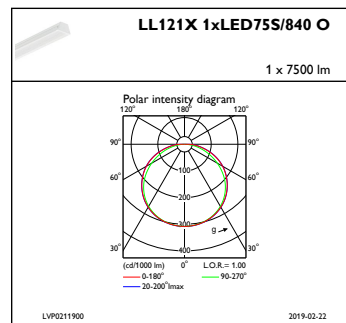
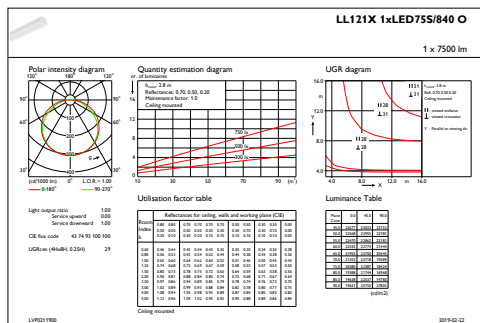
## CoreLine Trunking

### Dimensional drawing



### CoreLine electr. units LL120X-LL122X

### Photometric data



### IFGU1\_LL121X1xLED75S8400

### IFPC1\_LL121X1xLED75S8400

