



CoreLine Trunking

LL120X LED150S/840 2x PSD O 7 VLC WH

CoreLine Trunking - 6 pcs - LED module, system flux 15000 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		Connection	Connection unit 7-pole
Number of light sources	6 pcs	Cable	-
Lamp family code	LED150S [LED module, system flux 15000 lm]	Protection class IEC	Safety class I
Beam angle of light source	120 °	Mounting	Ceiling-mounting bracket
Light source color	840 neutral white	Ready-to-install	-
Light source replaceable	No	Glow-wire test	Temperature 650 °C, duration 5 s
Number of gear units	2 units	Flammability mark	For mounting on normally flammable surfaces
Driver/power unit/transformer	Power supply unit with DALI interface	Accessories included	Mounting bracket for suspension wire
Driver included	Yes	CE mark	CE mark
Optic type	-	ENEC mark	ENEC mark
Optical cover/lens type	Opal	Warranty period	3 years + 2 years upon registration
Luminaire light beam spread	126° x 116°	Mechanical accessories	-
Emergency lighting	-	Remarks	*-Per Lighting Europe guidance paper "Evaluating performance of LED based luminaires - January 2018": statistically there is no relevant difference in lumen
Control interface	DALI		
Internal wiring	Standard		
Feed-through wiring	Feed-through wiring 7-phase		

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	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	LL120X [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	3450 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)	15000 lm
Luminous flux tolerance	+/-2%
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	108 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

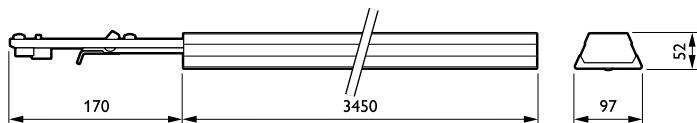
Ambient temperature range	-20 to +35 °C
Performance ambient temperature Tq	25 °C
Maximum dim level	1%
Suitable for random switching	No

Product Data

Full product code	871869638089500
Order product name	LL120X LED150S/840 2x PSD O 7 VLC WH
EAN/UPC - Product	8718696380895
Order code	910925863968
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910925863968
Net Weight (Piece)	7.310 kg

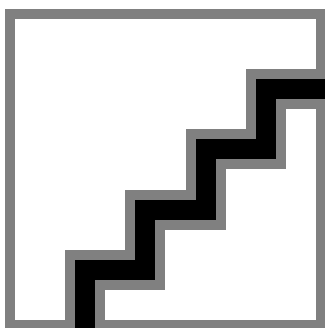
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Dimensional drawing

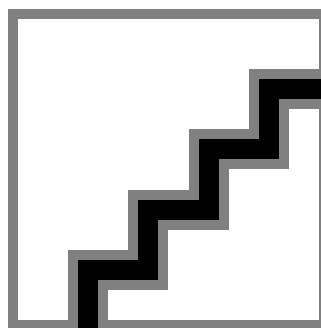


CoreLine electr. units LL120X-LL122X

Photometric data



IFPC1_LL120X1xLED150S8400



IFGU1_LL120X1xLED150S8400

