



CoreLine Trunking

LL120X LED150S/840 1x PSD PCO 7 WH

CoreLine Trunking - Power supply unit with DALI interface - - - 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		Warranty period	
Beam angle of light source	120 °	Remarks	3 years + 2 years upon registration
Light source color	840 neutral white		*-Per Lighting Europe guidance paper "Evaluating performance of LED based luminaires - January 2018": statistically there 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.
Light source replaceable	No	Constant light output	No
Number of gear units	1 unit	Number of products on MCB of 16 A type B	12
Driver/power unit/transformer	Power supply unit with DALI interface	EU RoHS compliant	Yes
Driver included	Yes	Service tag	Yes
Optic type	-	Product family code	LL120X [CoreLine Trunking]
Luminaire light beam spread	114° x 108°	Unified glare rating CEN	Not applicable
Control interface	DALI		
Connection	Connection unit 7-pole	Operating and Electrical	
Cable	-	Input Voltage	220 to 240 V
Protection class IEC	Safety class I		
Glow-wire test	Temperature 650 °C, duration 5 s		
Flammability mark	For mounting on normally flammable surfaces		
CE mark	CE mark		
ENEC mark	ENEC mark		

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Input Frequency	50 to 60 Hz
Initial CLO power consumption	- W
Average CLO power consumption	- W
Inrush current	4.8 A
Inrush time	2.3 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	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Steel
Optical cover/lens finish	Opal
Overall length	3450 mm
Overall width	95 mm
Overall height	58 mm
Color	white
Dimensions (Height x Width x Depth)	58 x 95 x 3450 mm (2.3 x 3.7 x 135.8 in)

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	120 lm/W

Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	≥80
Initial chromaticity	(0.38, 0.38) SDCM <3
Initial input power	126 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

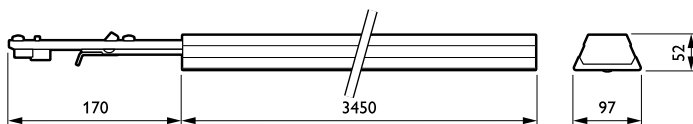
Ambient temperature range	+20 to +35 °C
Performance ambient temperature Tq	25 °C
Maximum dim level	1%
Suitable for random switching	No

Product Data

Full product code	871869698765000
Order product name	LL120X LED150S/840 1x PSD PCO 7 WH
EAN/UPC - Product	8718696987650
Order code	910925864540
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910925864540
Net Weight (Piece)	7.130 kg



Dimensional drawing



CoreLine electr. units LL120X-LL122X

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