



CoreLine Trunking

LL121X LED80S/840 1x PSD VWB 7X2.5 WH

CoreLine Trunking - 3 pcs - LED Module, system flux 8000 lm - Power supply unit with DALI interface - Very wide beam - - - 7 conductors cross-section 2.5 mm² - - - 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	
Number of light sources	3 [3 pcs]	Cable	-
Lamp family code	LED80S [LED Module, system flux 8000 lm]	Protection class IEC	Safety class I (I)
Beam angle of light source	120 °	Mounting	SMB [Ceiling-mounting bracket]
Light source colour	840 neutral white	Ready-to-install	-
Light source replaceable	No	Glow-wire test	650/5 [Temperature 650 °C, duration 5 s]
Number of gear units	1 unit	Flammability mark	F [For mounting on normally flammable surfaces]
Driver/power unit/transformer	PSD [Power supply unit with DALI interface]	Accessories included	MB-SW [Mounting bracket for suspension wire]
Driver included	Yes	CE mark	CE mark
Optic type	VWB [Very wide beam]	ENEC mark	ENEC mark
Optical cover/lens type	No [-]	Mechanical accessories	No [-]
Luminaire light beam spread	140° x 94°	Remarks	*- According to the Lighting Europe guidance paper 'Evaluating performance of LED based luminaires – January 2018': statistically there is
Emergency lighting	No [-]		
Control interface	DALI		
Internal wiring	Standard		
Feed-through wiring	Feed-through wiring 7-phase		

CoreLine Trunking

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

Light Technical

Light distribution	DIR [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	No [-]
Circuit option	7x2.5 [7 conductors cross-section 2.5 mm ²]
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	Frosted
Overall length	1730 mm
Overall width	95 mm
Overall height	52 mm
Height	52 mm
Diameter	-

Colour	White
Dimensions (height x width x depth)	52 x 95 x 1730 mm (2 x 3.7 x 68.1 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	8000 lm
Luminous flux tolerance	+/-1%
Initial LED luminaire efficacy	148 lm/W
Init. Corr. Colour Temperature	4000 K
Init. Colour 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 50,000 h	5 %
Lumen maintenance at median useful life* 50,000 h	L80

Application Conditions

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

Product Data

Full product code	871869638186100
Order product name	LL121X LED80S/840 1x PSD VWB 7X2.5 WH
EAN/UPC – product	8718696381861
Order code	38186100
SAP numerator – quantity per pack	1
Numerator – packs per outer box	1
SAP material	910925864066
SAP net weight (piece)	3.940 kg



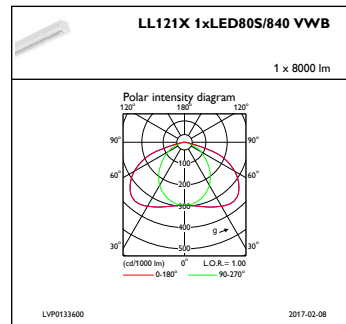
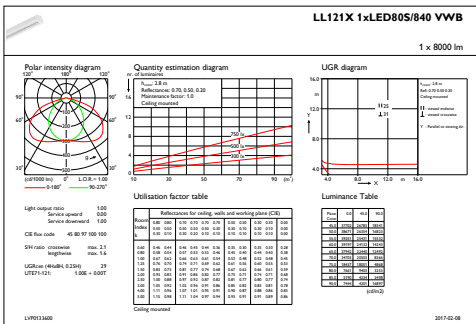
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Dimensional drawing

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CoreLine electr. units LL120X-LL122X

Photometric data



IFGU1_LL121X1xLED80S840VWB

IFPC1_LL121X1xLED80S840VWB

