



CoreLine Trunking

LL120X LED160S/840 2x PSD VWB 7 WH

CoreLine Trunking - 6 pcs - LED Module, system flux 16,000 lm -
Power supply unit with DALI interface - Very wide beam - - - 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	6 pcs	Feed-through wiring	Feed-through wiring 7-phase
Lamp family code	LED160S [LED Module, system flux 16,000 lm]	Connection	Connection unit 7-pole
Beam angle of light source	120 °	Cable	-
Light source color	840 neutral white	Protection class IEC	Safety class I
Light source replaceable	No	Mounting	Ceiling-mounting bracket
Number of gear units	2 units	Standard RAL color	Traffic white
Driver/power unit/transformer	Power supply unit with DALI interface	Ready-to-install	-
Driver included	Yes	Glow-wire test	Temperature 650 °C, duration 5 s
Optic type	Very wide beam	Flammability mark	For mounting on normally flammable surfaces
Optical cover/lens type	-	Accessories included	Mounting bracket for suspension wire
Luminaire light beam spread	140° x 94°	CE mark	CE mark
Emergency lighting	-	ENEC mark	ENEC mark
Control interface	DALI	Warranty period	3 years + 2 years upon registration
Internal wiring	Standard	Mechanical accessories	-
		Constant light output	No

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Number of products on MCB of 16 A type B	24
RoHS mark	RoHS mark
Product family code	LL120X [CoreLine Trunking]

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	Frosted
Overall length	3450 mm
Overall width	95 mm
Overall height	52 mm
Height	52 mm
Diameter	-

Approval and Application

Ingress protection code	IP20 [Finger-protected]
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Mech. impact protection code	IK02 [0.2 J standard]
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Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	16000 lm
Luminous flux tolerance	+/-2%
Initial LED luminaire efficacy	148 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)

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
Maximum dim level	1%
Suitable for random switching	No

Product Data

Full product code	871869638105200
Order product name	LL120X LED160S/840 2x PSD VWB 7 WH
EAN/UPC - Product	8718696381052
Order code	910925863984
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910925863984
Net Weight (Piece)	7.310 kg

