



CoreLine Trunking

LL120X LED160S/865 2x PSU WB 5 WH

CoreLine Trunking - 6 pcs - LED Module, system flux 16,000 lm -
Power supply unit - Wide beam - - - 5 conductors - - - Feed-through
wiring 5-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	Cable	-
Lamp family code	LED160S [LED Module, system flux 16,000 lm]	Protection class IEC	Safety class I
Beam angle of light source	120 °	Mounting	Ceiling-mounting bracket
Light source color	865 cool daylight	Standard RAL color	Traffic white
Light source replaceable	No	Ready-to-install	-
Number of gear units	2 units	Glow-wire test	Temperature 650 °C, duration 5 s
Driver/power unit/transformer	Power supply unit	Flammability mark	For mounting on normally flammable surfaces
Driver included	Yes	Accessories included	Mounting bracket for suspension wire
Optic type	Wide beam	CE mark	CE mark
Optical cover/lens type	-	ENEC mark	ENEC mark
Luminaire light beam spread	100° x 94°	Warranty period	3 years + 2 years upon registration
Emergency lighting	-	Mechanical accessories	-
Control interface	-	Constant light output	No
Internal wiring	Standard	Number of products on MCB of 16 A type B	24
Feed-through wiring	Feed-through wiring 5-phase	RoHS mark	RoHS mark
Connection	Connection unit 5-pole	Product family code	LL120X [CoreLine Trunking]

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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	5 conductors
Initial CLO power consumption	- W
Average CLO power consumption	- W
Inrush current	19 A
Inrush time	0.28 ms
Power Factor (Min)	0.97

Controls and Dimming

Dimmable	No
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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]
Mech. impact protection code	IK02 [0.2 J standard]

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	6500 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	Not applicable
Suitable for random switching	No

Product Data

Full product code	871869638148900
Order product name	LL120X LED160S/865 2x PSU WB 5 WH
EAN/UPC - Product	8718696381489
Order code	910925864028
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910925864028
Net Weight (Piece)	6.990 kg

