



CoreLine Trunking

LL120X LED160S/840 2x PSD DA20 7 WH

CoreLine Trunking - 6 pcs - LED Module, system flux 16,000 lm -
Power supply unit with DALI interface - Double asymmetric optic 20°
- - - 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		Feed-through wiring	Feed-through wiring 7-phase
Number of light sources	6 pcs	Connection	Connection unit 7-pole
Lamp family code	LED160S [LED Module, system flux 16,000 lm]	Cable	-
Beam angle of light source	120 °	Protection class IEC	Safety class I
Light source color	840 neutral white	Mounting	Ceiling-mounting bracket
Light source replaceable	No	Standard RAL color	Traffic white
Number of gear units	2 units	Ready-to-install	-
Driver/power unit/transformer	Power supply unit with DALI interface	Glow-wire test	Temperature 650 °C, duration 5 s
Driver included	Yes	Flammability mark	For mounting on normally flammable surfaces
Optic type	Double asymmetric optic 20°	Accessories included	Mounting bracket for suspension wire
Optical cover/lens type	-	CE mark	CE mark
Luminaire light beam spread	98° x 104°	ENEC mark	ENEC mark
Emergency lighting	-	Warranty period	3 years + 2 years upon registration
Control interface	DALI	Mechanical accessories	-
Internal wiring	Standard	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	871869638136600
Order product name	LL120X LED160S/840 2x PSD DA20 7 WH
EAN/UPC - Product	8718696381366
Order code	910925864016
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910925864016
Net Weight (Piece)	7.310 kg

