CoreLine Trunking

LL120X LED150S/840 2x PSU O 5 WH

CoreLine Trunking - 6 pcs - LED Module, system flux 15,000 lm -
Power supply unit - - - Opal - 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
Lamp family code	LED150S [LED Module, system flux 15,000 lm]
Beam angle of light source	120 °
Light source color	840 neutral white
Light source replaceable	No
Number of gear units	2 units
Driver/power unit/transformer	Power supply unit
Driver included	Yes
Optic type	-
Optical cover/lens type	Opal
Luminaire light beam spread	126° x 116°
Emergency lighting	-
Control interface	-
Internal wiring	Standard
Feed-through wiring	Feed-through wiring 5-phase
Connection	Connection unit 5-pole

Cable	-
Protection class IEC	Safety class I
Mounting	Ceiling-mounting bracket
Standard RAL color	Traffic white
Ready-to-install	-
Glow-wire test	Temperature 650 °C, duration 5 s
Flammability mark	For mounting on normally flammable surfaces
Accessories included	Mounting bracket for suspension wire
CE mark	CE mark
ENEC mark	ENEC mark
Warranty period	3 years + 2 years upon registration
Mechanical accessories	-
Constant light output	No
Number of products on MCB of 16 A type B	24
RoHS mark	RoHS mark
Product family code	LL120X [CoreLine Trunking]

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Light Technical

Light Distribution	Direct lighting

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

Mechanical and Housing

Housing Material	Steel
Reflector material	-
Optic material	Acrylate
Optical cover/lens material	Acrylate
Fixation material	Steel
Optical cover/lens finish	Opal
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)	15000 lm
Luminous flux tolerance	+/-2%
Initial LED luminaire efficacy	139 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	Not applicable
Suitable for random switching	No

Product Data

Full product code	871869638100700
Order product name	LL120X LED150S/840 2x PSU O 5 WH
EAN/UPC - Product	8718696381007
Order code	910925863979
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910925863979
Net Weight (Piece)	6.990 kg

F 650°C IP 20 IK 02

www.lighting.philips.com

2017, April 26 - data subject to change