



CoreLine Trunking

LL121X LED80S/840 1x PSU MB 5 WH

CoreLine Trunking, 3, LED Module, system flux 8000 lm, Power supply unit (On/Off), Medium beam, Feed-through wiring 5-phase, 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	
Lamp family code	LED80S [LED Module, system flux 8000 lm]
Light source replaceable	No
Number of gear units	Unit
Driver included	Yes
Feed-through wiring	Feed-through wiring 5-phase
Remarks	*- According to the Lighting Europe guidance
	paper 'Evaluating performance of LED based
	luminaires – January 2018': statistically there
	is 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.
Product family code	LL121X [CoreLine Trunking]
Lighting Technology	LED
CE mark	Yes

Warranty period	3 years + 2 years upon registration
Flammability mark	For mounting on normally flammable
	surfaces
ENEC mark	ENEC mark
Glow-wire test	Temperature 650 °C, duration 5 s
EU RoHS compliant	Yes
Light Technical	
Luminous Flux	8,000 lm
Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	148 lm/W
Colour rendering index (CRI)	≥80
Number of light sources	3
Beam angle of light source	120 degree(s)
Light source colour	840 neutral white
Optic type	Medium beam
Optical cover type	-

Datasheet, 2023, April 29 data subject to change

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Unified Glare Rating (CEN) Not applicable Operating and Electrical Input Voltage 220 to 240 V Line Frequency 50 to 60 Hz Initial CLO power consumption - W Average CLO power consumption Inrush current 19 A Inrush time 0.28 ms Power Consumption 54 W Power Factor (Fraction) Connection Connection unit 5-pole Cable - Number of products on MCB of 16 A type B Temperature Ambient temperature range -20 to +35 °C Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit (On/Off) Constant light output No Mechanical and Housing Housing material Reflector material Optic material Optic acver/lens material Fixation material Steel Housing Colour White Optical cover/lens finish Frosted Overall length 1,730 mm Overall width	Luminaire light beam spread	76° x 74°
Input Voltage 220 to 240 V Line Frequency 50 to 60 Hz Initial CLO power consumption - W Average CLO power consumption - W Inrush current 19 A Inrush time 0.28 ms Power Consumption 54 W Power Factor (Fraction) 0.97 Connection Connection unit 5-pole Cable - Number of products on MCB of 16 A type 24 B Temperature Ambient temperature range -20 to +35 °C Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit (On/Off) Control interface - Constant light output No Mechanical and Housing Housing material Steel Reflector material - Optic material Acrylate Fixation material Steel Housing Colour White Optical cover/lens finish Frosted Overall length 1,730 mm	Unified Glare Rating (CEN)	Not applicable
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Inrush time 0.28 ms Power Consumption 54 W Power Factor (Fraction) 0.97 Connection Connection unit 5-pole Cable - Number of products on MCB of 16 A type 24 B Temperature Ambient temperature range -20 to +35 °C Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit (On/Off) Control interface - Constant light output No Mechanical and Housing Housing material Steel Reflector material - Optic material Acrylate Optical cover/lens material Steel Housing Colour White Optical cover/lens finish Frosted Overall length 1,730 mm	Average CLO power consumption	- W
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Power Factor (Fraction) Connection Connection unit 5-pole Cable - Number of products on MCB of 16 A type B Temperature Ambient temperature range -20 to +35 °C Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit (On/Off) Control interface - Constant light output No Mechanical and Housing Housing material Reflector material Optic material Optical cover/lens material Fixation material Steel Housing Colour White Optical cover/lens finish Frosted Overall length 1,730 mm	Inrush time	0.28 ms
Connection Connection unit 5-pole Cable - Number of products on MCB of 16 A type 24 B Temperature Ambient temperature range -20 to +35 °C Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit (On/Off) Control interface - Constant light output No Mechanical and Housing Housing material Steel Reflector material - Optic material Acrylate Optical cover/lens material Steel Housing Colour White Optical cover/lens finish Frosted Overall length 1,730 mm	Power Consumption	54 W
Cable Number of products on MCB of 16 A type 24 B Temperature Ambient temperature range -20 to +35 °C Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit (On/Off) Control interface - Constant light output No Mechanical and Housing Housing material Steel Reflector material - Optic material Acrylate Optical cover/lens material Steel Housing Colour White Optical cover/lens finish Frosted Overall length 1,730 mm	Power Factor (Fraction)	0.97
Number of products on MCB of 16 A type B Temperature Ambient temperature range -20 to +35 °C Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit (On/Off) Control interface - Constant light output No Mechanical and Housing Housing material Steel Reflector material - Optic material Acrylate Optical cover/lens material Steel Housing Colour White Optical cover/lens finish Frosted Overall length 1,730 mm	Connection	Connection unit 5-pole
Temperature Ambient temperature range -20 to +35 °C Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit (On/Off) Control interface - Constant light output No Mechanical and Housing Housing material Steel Reflector material - Optic material Acrylate Optical cover/lens material Steel Housing Colour White Optical cover/lens finish Frosted Overall length 1,730 mm	Cable	-
Temperature Ambient temperature range -20 to +35 °C Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit (On/Off) Control interface - Constant light output No Mechanical and Housing Housing material Steel Reflector material - Optic material Acrylate Optical cover/lens material Steel Housing Colour White Optical cover/lens finish Frosted Overall length 1,730 mm	Number of products on MCB of 16 A type	24
Ambient temperature range -20 to +35 °C Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit (On/Off) Control interface - Constant light output No Mechanical and Housing Housing material Steel Reflector material - Optic material Acrylate Optical cover/lens material Steel Housing Colour White Optical cover/lens finish Frosted Overall length 1,730 mm	В	
Ambient temperature range -20 to +35 °C Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit (On/Off) Control interface - Constant light output No Mechanical and Housing Housing material Steel Reflector material - Optic material Acrylate Optical cover/lens material Steel Housing Colour White Optical cover/lens finish Frosted Overall length 1,730 mm		
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Dimmable No Driver/power unit/transformer Power supply unit (On/Off) Control interface - Constant light output No Mechanical and Housing Housing material Steel Reflector material - Optic material Acrylate Optical cover/lens material Acrylate Fixation material Steel Housing Colour White Optical cover/lens finish Frosted Overall length 1,730 mm		
Driver/power unit/transformer Power supply unit (On/Off) Control interface - Constant light output No Mechanical and Housing Housing material Steel Reflector material - Optic material Acrylate Optical cover/lens material Steel Housing Colour White Optical cover/lens finish Frosted Overall length 1,730 mm	Controls and Dimming	
Control interface - Constant light output No Mechanical and Housing Housing material Steel Reflector material - Optic material Acrylate Optical cover/lens material Steel Housing Colour White Optical cover/lens finish Frosted Overall length 1,730 mm	Dimmable	No
Constant light output No Mechanical and Housing Housing material Reflector material Optic material Acrylate Optical cover/lens material Fixation material Housing Colour White Optical cover/lens finish Frosted Overall length 1,730 mm	Driver/power unit/transformer	Power supply unit (On/Off)
Mechanical and Housing Housing material Reflector material Optic material Optical cover/lens material Fixation material Housing Colour White Optical cover/lens finish Frosted Overall length 1,730 mm	Control interface	
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Housing material Steel Reflector material - Optic material Acrylate Optical cover/lens material Acrylate Fixation material Steel Housing Colour White Optical cover/lens finish Frosted Overall length 1,730 mm		
Reflector material - Optic material Acrylate Optical cover/lens material Acrylate Fixation material Steel Housing Colour White Optical cover/lens finish Frosted Overall length 1,730 mm	Mechanical and Housing	
Optic material Acrylate Optical cover/lens material Acrylate Fixation material Steel Housing Colour White Optical cover/lens finish Frosted Overall length 1,730 mm	Housing material	Steel
Optical cover/lens material Acrylate Fixation material Steel Housing Colour White Optical cover/lens finish Frosted Overall length 1,730 mm	Reflector material	-
Fixation material Steel Housing Colour White Optical cover/lens finish Frosted Overall length 1,730 mm	Optic material	Acrylate
Housing Colour White Optical cover/lens finish Frosted Overall length 1,730 mm	Optical cover/lens material	Acrylate
Optical cover/lens finish Frosted Overall length 1,730 mm	Fixation material	Steel
Overall length 1,730 mm	Housing Colour	White
	Optical cover/lens finish	Frosted
Overall width 95 mm	Overall length	1,730 mm
	Overall width	95 mm

	50
Overall height	52 mm
Dimensions (height x width x depth)	52 x 95 x 1730 mm
Approval and Application	
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Protection class IEC	Safety class I
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-1%
Initial chromaticity	(0.38, 0.38) SDCM <3
Power consumption tolerance	+/-10%
Over Time Performance (IEC Compl	iant)
Control gear failure rate at median useful	5 %
life 50,000 h	
Lumen maintenance at median useful	L80
life* 50,000 h	
Application Conditions	
Performance ambient temperature Tq	25℃
Maximum dim level	Not applicable
Suitable for random switching	No
Product Data	
Product Data Order product name	LL121X LED80S/840 1x PSU MB 5 WH
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Order product name	·
Order product name Full product name	LL121X LED80S/840 1x PSU MB 5 WH
Order product name Full product name Full EOC	LL121X LED80S/840 1x PSU MB 5 WH 871869638103800
Order product name Full product name Full EOC Order code	LL121X LED80S/840 1x PSU MB 5 WH 871869638103800 38103800
Order product name Full product name Full EOC Order code Material no. (12 NC)	LL121X LED80S/840 1x PSU MB 5 WH 871869638103800 38103800 910925863982
Order product name Full product name Full EOC Order code Material no. (12 NC) SAP numerator – quantity per pack	LL121X LED80S/840 1x PSU MB 5 WH 871869638103800 38103800 910925863982
Order product name Full product name Full EOC Order code Material no. (12 NC) SAP numerator – quantity per pack EAN/UPC — Product/Case	LL121X LED80S/840 1x PSU MB 5 WH 871869638103800 38103800 910925863982 1 8718696381038

Dimensional drawing



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