



# **CoreLine Trunking**

#### LL122X LED80S/840 1x PSU VWB 5X2.5 WH

CoreLine Trunking, 3, LED Module, system flux 8000 lm, Power supply unit (On/Off), Very wide 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	1 unit
Driver included	Yes
Feed-through wiring	Feed-through wiring 5-phase
Remarks	*-Per Lighting Europe guidance paper
	"Evaluating performance of LED based
	luminaires - January 2018": statistically there
	is no relevant difference in lumen
	maintenance between B50 and for example
	B10. Therefore, the median useful life (B50)
	value also represents the B10 value.
Service tag	Yes
Product family code	LL122X [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 Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	148 lm/W
Color rendering index (CRI)	≥80
Number of light sources	3
Beam angle of light source	120 degree(s)
Light source color	840 neutral white
Optic type	Very wide beam
Optical cover type	-

Datasheet, 2023, September 4 data subject to change

## **CoreLine Trunking**

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  - W  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)  Control interface  - Constant light output  No  Mechanical and Housing  Housing Material  Reflector material  Optic material  Optic acver material  Fixation material  Fixation material  Forested  Overall length  Overall length  Overall united  Overall length  Overall united  Power supply united  Prosted  Overall united  Prosted  Overall length  1,730 mm  Overall united  Dimmable  Power all posted  Overall united  Prosted  Overall united  Prosted  Overall united  Population  Prosted  Overall united  Prosted  Overall united  Prosted  Overall united  Prosted	Luminaire light beam spread	140° x 94°
Operating and Electrical  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 Color White  Optical cover finish Frosted  Overall length 1,730 mm		
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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 8 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 Cptical cover material Housing Color White Optical cover finish Frosted Overall length 1,730 mm		- W
Power Consumption 54 W Power Factor (Fraction) 0.97 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 Steel Reflector material - Optic material Acrylate Optical cover material Steel Housing Color White Optical cover finish Frosted Overall length 1,730 mm	Average CLO power consumption	- W
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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 material Steel  Housing Color White  Optical cover finish Frosted  Overall length 1,730 mm	Number of products on MCB of 16 A type	24
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Constant light output  Mechanical and Housing  Housing Material  Reflector material  Optic material  Acrylate  Optical cover material  Fixation material  Housing Color  White  Optical cover finish  Frosted  Overall length  No  Steel	Driver/power unit/transformer	Power supply unit (On/Off)
Mechanical and Housing Housing Material Steel Reflector material - Optic material Acrylate Optical cover material Acrylate Fixation material Steel Housing Color White Optical cover finish Frosted Overall length 1,730 mm	Control interface	
Housing Material Steel  Reflector material - Optic material Acrylate  Optical cover material Acrylate  Fixation material Steel  Housing Color White  Optical cover finish Frosted  Overall length 1,730 mm	Constant light output	No
Housing Material Steel  Reflector material - Optic material Acrylate  Optical cover material Acrylate  Fixation material Steel  Housing Color White  Optical cover finish Frosted  Overall length 1,730 mm		
Reflector material - Optic material Acrylate Optical cover material Acrylate Fixation material Steel Housing Color White Optical cover finish Frosted Overall length 1,730 mm	Mechanical and Housing	
Optic material Acrylate Optical cover material Acrylate Fixation material Steel Housing Color White Optical cover finish Frosted Overall length 1,730 mm	Housing Material	Steel
Optical cover material Acrylate  Fixation material Steel  Housing Color White  Optical cover finish Frosted  Overall length 1,730 mm	Reflector material	
Fixation material Steel Housing Color White Optical cover finish Frosted Overall length 1,730 mm	Optic material	Acrylate
Housing Color White  Optical cover finish Frosted  Overall length 1,730 mm	Optical cover material	Acrylate
Optical cover finish Frosted Overall length 1,730 mm	Fixation material	Steel
Overall length 1,730 mm	Housing Color	White
	Optical cover finish	Frosted
Overall width 95 mm	Overall length	1,730 mm
	Overall width	95 mm

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 50000 h	
Lumen maintenance at median useful	L80
life* 50000 h	
Application Conditions	
Performance ambient temperature Tq	25 ℃
Maximum dim level	Not applicable
Suitable for random switching	No
Product Data	
Order product name	LL122X LED80S/840 1x PSU VWB 5X2.5 WH
Full product name	LL122X LED80S/840 1x PSU VWB 5X2.5 WH
Full product code	871869638180900
Order code	910925864060
Material Nr. (12NC)	910925864060
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696381809
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696381809

#### Dimensional drawing



### **CoreLine Trunking**



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