



# **CoreLine Trunking**

### LL121X LED80S/840 1x PSU DA20 7 EL3 WH

CoreLine Trunking, 3, LED Module, system flux 8000 lm, Power supply unit (On/Off), Double asymmetric optic 20°, Emergency lighting 3 hours duration, Feed-through wiring 7-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 7-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	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 850 °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)	143 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	Double asymmetric optic 20°
Optical cover type	-
Luminaire light beam spread	98° x 104°

Datasheet, 2023, September 4 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	- W
Inrush current	19 A
Inrush time	0.28 ms
Power Consumption	56 W
Power Factor (Fraction)	0.97
Connection	Connector with 2 additional wires for
	addressable emergency lighting
Cable	-
Number of products on MCB of 16 A type	24
В	
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	Acrylate
Fixation material	Steel
Housing Color	White
Optical cover finish	Frosted
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		
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 Compliant)  Control gear failure rate at median useful life 50000 h  Lumen maintenance at median useful L80  Iife* 50000 h  Application Conditions  Performance ambient temperature Tq 25 °C  Maximum dim level Not applicable  Suitable for random switching No  Product Data  Order product name LL121X LED80S/840 1x PSU DA20 7 EL3 WH  Full product code 910925864005  Material Nr. (12NC) 910925864045  Numerator - Quantity Per Pack 1  EAN/UPC - Product/Case 8718696381656  Numerator - Packs per outer box 1	Overall height	52 mm
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 Compliant)  Control gear failure rate at median useful  life 50000 h  Lumen maintenance at median useful  life* 50000 h  Application Conditions  Performance ambient temperature Tq 25 °C  Maximum dim level  Not applicable  Suitable for random switching  No  Product Data  Order product name  LL121X LED80S/840 1x PSU DA20 7 EL3 WH  Full product code  910925864045  Material Nr. (12NC)  910925864045  Numerator - Quantity Per Pack  I  EAN/UPC - Product/Case  Namerator - Packs per outer box  1	Dimensions (Height x Width x Depth)	52 x 95 x 1730 mm
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Mech. impact protection code IKO2 [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 Compliant)  Control gear failure rate at median useful 5 %  life 50000 h  Lumen maintenance at median useful life* 50000 h  Application Conditions  Performance ambient temperature Tq 25 °C  Maximum dim level Not applicable  Suitable for random switching No  Product Data  Order product name LL121X LED80S/840 1x PSU DA20 7 EL3 WH  Full product code 871869638165600  Order code 910925864045  Material Nr. (12NC) 910925864045  Numerator - Quantity Per Pack 1  EAN/UPC - Product/Case 8718696381656  Numerator - Packs per outer box 1	Approval and Application	
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 Compliant)  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 °C  Maximum dim level Not applicable  Suitable for random switching No  Product Data  Order product name LL121X LED80S/840 1x PSU DA20 7 EL3 WH  Full product code 871869638165600  Order code 910925864045  Material Nr. (12NC) 910925864045  Numerator - Quantity Per Pack 1  EAN/UPC - Product/Case 8718696381656  Numerator - Packs per outer box 1	Ingress protection code	IP20 [Finger-protected]
Initial Performance (IEC Compliant)  Luminous flux tolerance +/-1%  Initial chromaticity (0.38, 0.38) SDCM <3  Power consumption tolerance +/-10%  Over Time Performance (IEC Compliant)  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 °C  Maximum dim level Not applicable  Suitable for random switching No  Product Data  Order product name LL121X LED805/840 1x PSU DA20 7 EL3 WH  Full product code 871869638165600  Order code 910925864045  Material Nr. (12NC) 910925864045  Numerator - Quantity Per Pack 1  EAN/UPC - Product/Case 8718696381656  Numerator - Packs per outer box 1	Mech. impact protection code	IK02 [0.2 J standard]
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Power consumption tolerance +/-10%  Over Time Performance (IEC Compliant)  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 °C  Maximum dim level Not applicable  Suitable for random switching No  Product Data  Order product name LL121X LED80S/840 1x PSU DA20 7 EL3 WH  Full product code 871869638165600  Order code 910925864045  Material Nr. (12NC) 910925864045  Numerator - Quantity Per Pack 1  EAN/UPC - Product/Case 8718696381656  Numerator - Packs per outer box 1	Luminous flux tolerance	+/-1%
Over Time Performance (IEC Compliant)  Control gear failure rate at median useful 15 % life 50000 h  Lumen maintenance at median useful L80 life* 50000 h  Application Conditions  Performance ambient temperature Tq 25 °C  Maximum dim level Not applicable  Suitable for random switching No  Product Data  Order product name LL121X LED80S/840 1x PSU DA20 7 EL3 WH Full product name LL121X LED80S/840 1x PSU DA20 7 EL3 WH Full product code 871869638165600  Order code 910925864045  Material Nr. (12NC) 910925864045  Numerator - Quantity Per Pack 1  EAN/UPC - Product/Case 8718696381656  Numerator - Packs per outer box 1	Initial chromaticity	(0.38, 0.38) SDCM <3
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Life 50000 h  Lumen maintenance at median useful L80  life* 50000 h  Application Conditions  Performance ambient temperature Tq 25 °C  Maximum dim level Not applicable  Suitable for random switching No  Product Data  Order product name LL121X LED80S/840 1x PSU DA20 7 EL3 WH  Full product code 871869638165600  Order code 910925864045  Material Nr. (12NC) 910925864045  Numerator - Quantity Per Pack 1  EAN/UPC - Product/Case 8718696381656  Numerator - Packs per outer box 1	Over Time Performance (IEC Comp	oliant)
Lumen maintenance at median useful life* 50000 h  Application Conditions  Performance ambient temperature Tq 25 °C  Maximum dim level Not applicable  Suitable for random switching No  Product Data  Order product name LL121X LED80S/840 1x PSU DA20 7 EL3 WH  Full product name LL121X LED80S/840 1x PSU DA20 7 EL3 WH  Full product code 871869638165600  Order code 910925864045  Material Nr. (12NC) 910925864045  Numerator - Quantity Per Pack 1  EAN/UPC - Product/Case 8718696381656  Numerator - Packs per outer box 1	Control gear failure rate at median usefu	ul 5 %
Application Conditions  Performance ambient temperature Tq 25 °C  Maximum dim level Not applicable  Suitable for random switching No  Product Data  Order product name LL121X LED80S/840 1x PSU DA20 7 EL3 WH  Full product name LL121X LED80S/840 1x PSU DA20 7 EL3 WH  Full product code 871869638165600  Order code 910925864045  Material Nr. (12NC) 910925864045  Numerator - Quantity Per Pack 1  EAN/UPC - Product/Case 8718696381656  Numerator - Packs per outer box 1	life 50000 h	
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Performance ambient temperature Tq 25 °C  Maximum dim level Not applicable  Suitable for random switching No  Product Data  Order product name LL121X LED80S/840 1x PSU DA20 7 EL3 WH  Full product name LL121X LED80S/840 1x PSU DA20 7 EL3 WH  Full product code 871869638165600  Order code 910925864045  Material Nr. (12NC) 910925864045  Numerator - Quantity Per Pack 1  EAN/UPC - Product/Case 8718696381656  Numerator - Packs per outer box 1	life* 50000 h	
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•	EAN/UPC - Product/Case	8718696381656
<b>EAN/UPC - Case</b> 8718696381656	Numerator - Packs per outer box	1
	EAN/UPC - Case	8718696381656

#### Dimensional drawing



## **CoreLine Trunking**



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