



# CoreLine Trunking

## LL121X LED80S/840 PSD WB WH KIT

CoreLine Trunking, Power supply unit with DALI interface, Wide beam, 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		ENEC mark	
Light source replaceable	No	Warranty period	5 years
Number of gear units	1 unit	EU RoHS compliant	Yes
Driver included	Yes	Light Technical	
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.	Luminous Flux	8,000 lm
Service tag	Yes	Correlated Color Temperature (Nom)	4000 K
Product family code	LL121X [CoreLine Trunking]	Luminous Efficacy (rated) (Nom)	148 lm/W
Lighting Technology	LED	Color rendering index (CRI)	≥80
Glow-wire test	Temperature 650 °C, duration 5 s	Beam angle of light source	120 degree(s)
Flammability mark	For mounting on normally flammable surfaces	Light source color	840 neutral white
CE mark	Yes	Optic type	Wide beam
		Luminaire light beam spread	41° - 80°
		Unified glare rating CEN	25
		Operating and Electrical	
		Input Voltage	220 to 240 V
		Line Frequency	50 to 60 Hz

## CoreLine Trunking

Inrush current	22 A
Inrush time	0.275 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 B	24

### Temperature

Ambient temperature range	-20 to +35 °C
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### Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
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	Clear
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]
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Mech. impact protection code	IK02 [0.2 J standard]
Protection class IEC	Safety class I

### Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-7%
Initial chromaticity	(0.38, 0.38) SDCM <lt/>3
Power consumption tolerance	+/-10%

### Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50000 h	5 %
Lumen maintenance at median useful life* 50000 h	L80

### Application Conditions

Performance ambient temperature Tq	25 °C
Maximum dim level	1%
Suitable for random switching	No

### Product Data

Order product name	LL121X LED80S/840 PSD WB WH KIT
Full product name	LL121X LED80S/840 PSD WB WH KIT
Full product code	871869698668400
Order code	910925864646
Material Nr. (12NC)	910925864646
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696986684
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696986684

## Dimensional drawing



