



# **CoreLine Trunking**

## LL120X LED150S/840 1x PSD PCO 7 WH

CoreLine Trunking, Power supply unit with DALI interface, 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	
Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
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	LL120X [CoreLine Trunking]
Lighting Technology	LED
Glow-wire test	Temperature 650 °C, duration 5 s
Flammability mark	For mounting on normally flammable
	surfaces
CE mark	Yes
ENEC mark	ENEC mark
Warranty period	3 years + 2 years upon registration

EU RoHS compliant	Yes
Light Technical	
Luminous Flux	15,000 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	120 lm/W
Color rendering index (CRI)	≥80
Beam angle of light source	120 degree(s)
Light source color	840 neutral white
Optic type	-
Luminaire light beam spread	114° x 108°
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	4.8 A
Inrush time	2.3 ms

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Power Consumption	126 W	Mech. impact protection code	IK02 [0.2 J standard]
Power Factor (Fraction)	0.97	Protection class IEC	Safety class I
Connection	Connection unit 7-pole		
Cable	-	Initial Performance (IEC Compliant)	
Number of products on MCB of 16 A type	<b>e</b> 12	Luminous flux tolerance	+/-2%
В		Initial chromaticity	(0.38, 0.38) SDCM <3
		Power consumption tolerance	+/-10%
Temperature			
Ambient temperature range	+20 to +35 °C	Over Time Performance (IEC Compliant)	
		Control gear failure rate at median usef	<b>ul</b> 5%
Controls and Dimming		life 50000 h	
Dimmable	Yes	Lumen maintenance at median useful	L80
Driver/power unit/transformer	Power supply unit with DALI interface	life* 50000 h	
Control interface	DALI		
Constant light output	No	Application Conditions	
		Performance ambient temperature Tq	25 ℃
Mechanical and Housing		Maximum dim level	1%
Housing Material	Steel	Suitable for random switching	No
Reflector material	-		
Optic material	Polycarbonate	Product Data	
Optical cover material	Polycarbonate	Order product name	LL120X LED150S/840
Fixation material	Steel	Full product name	LL120X LED150S/840
Housing Color	White	Full product code	871869698765000
Optical cover finish	Opal	Order code	910925864540
Overall length	3,450 mm	Material Nr. (12NC)	910925864540
Overall width	95 mm	Numerator - Quantity Per Pack	1
Overall height	58 mm	EAN/UPC - Product/Case	8718696987650
Dimensions (Height x Width x Depth)	58 x 95 x 3450 mm	Numerator - Packs per outer box	1
		EAN/UPC - Case	8718696987650

#### Approval and Application

Ingress protection code

Dimensional drawing



IP20 [Finger-protected]

Protection class IEC	Safety class I	
Initial Performance (IEC Compliant	)	
Luminous flux tolerance	+/-2%	
Initial chromaticity	(0.38, 0.38) SDCM <3	
Power consumption tolerance	+/-10%	
Over Time Performance (IEC Compliant)		
Control gear failure rate at median usefu	l 5%	
life 50000 h		
Lumen maintenance at median useful	L80	
life* 50000 h		
Application Conditions		
Performance ambient temperature Tq	25 °C	
Maximum dim level	1%	
Suitable for random switching	No	
Product Data		
Order product name	LL120X LED150S/840 1x PSD PCO 7 WH	
Full product name	LL120X LED150S/840 1x PSD PCO 7 WH	
Full product code	871869698765000	
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