



CoreLine Trunking

LL120X LED90S/840 2x PSU VWB 5 WH

CoreLine Trunking, LED module, system flux 9000 lm, Power supply unit (On/Off), Very wide beam

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	LED90S [LED module, system flux 9000 lm]
Light source replaceable	No
Number of gear units	2 units
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	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	9,000 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	141 lm/W
Color rendering index (CRI)	≥80
Number of light sources	6
Beam angle of light source	120 degree(s)
Light source color	840 neutral white
Optic type	Very wide beam
Optical cover type	-
Luminaire light beam spread	130° x 88°
Unified glare rating CEN	Not applicable

Datasheet, 2023, September 4 data subject to change

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Cable - Number of products on MCB of 16 A type 12 B Temperature Ambient temperature range -20 to +3 Controls and Dimming Dimmable No	on unit 5-pole
Line Frequency 50 to 60 linrush current 38 A linrush time 0.28 ms Power Consumption 64 W Power Factor (Fraction) 0.95 Connection C	on unit 5-pole
Inrush current 38 A Inrush time 0.28 ms Power Consumption 64 W Power Factor (Fraction) 0.95 Connection Connection Cable - Number of products on MCB of 16 A type 12 B Temperature Ambient temperature range -20 to +33 Controls and Dimming Dimmable No Driver/power unit/transformer Power supports to the second support of the second	on unit 5-pole
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Power Factor (Fraction) Connection Cable Number of products on MCB of 16 A type B Temperature Ambient temperature range Controls and Dimming Dimmable No Driver/power unit/transformer Constant light output No	
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Cable - Number of products on MCB of 16 A type 12 B Temperature Ambient temperature range -20 to +33 Controls and Dimming Dimmable No Driver/power unit/transformer Power supports and Light output No	
Number of products on MCB of 16 A type 12 B Temperature Ambient temperature range -20 to +3: Controls and Dimming Dimmable No Driver/power unit/transformer Power sure Constant light output No	; °C
B Temperature Ambient temperature range -20 to +3: Controls and Dimming Dimmable No Driver/power unit/transformer Power sur Constant light output No	;°C
Temperature Ambient temperature range -20 to +3: Controls and Dimming Dimmable No Driver/power unit/transformer Power sur Constant light output No	5°C
Ambient temperature range -20 to +3: Controls and Dimming Dimmable No Driver/power unit/transformer Power sur Constant light output No	2 °C
Ambient temperature range -20 to +33 Controls and Dimming Dimmable No Driver/power unit/transformer Power support to the constant light output No	; °C
Controls and Dimming Dimmable No Driver/power unit/transformer Power sur Constant light output No	5 °C
Dimmable No Driver/power unit/transformer Power sur Constant light output No	
Dimmable No Driver/power unit/transformer Power sur Constant light output No	
Driver/power unit/transformer Power sult Constant light output No	
Constant light output No	
	oply unit (On/Off)
Mechanical and Housing	
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 3,450 mm	
Overall width 95 mm	
Overall height 52 mm	
Dimensions (Height x Width x Depth) 52 x 95 x	

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	+/-7%		
Initial chromaticity	(0.38, 0.38) SDCM <3		
Power consumption tolerance	+/-11%		
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		
Suitable for random switching	No		
Product Data			
Order product name	LL120X LED90S/840 2x PSU VWB 5 WH		
Full product name	LL120X LED90S/840 2x PSU VWB 5 WH		
Full product code	871829190694000		
Order code	910925682968		
Material Nr. (12NC)	910925682968		
Numerator - Quantity Per Pack	1		
	•		
EAN/UPC - Product/Case	8718291906940		

8718291906940

Dimensional drawing





EAN/UPC - Case



CoreLine Trunking

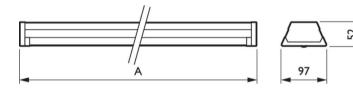
Dimensional drawing











LL120X LED90S/840 2x PSU VWB 5 WH 3,	
LLI20X LED905/840 2X PSU VWB 5 WH 5,	464 mm





Product	Α
LL120X LED90S/840 2x PSU VWB 5 WH	3,724 mm



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