



# CoreLine Trunking

## LL120X LED160S/840 2x PSD DA20 7 VLC WH

CoreLine Trunking, 6, LED module, system flux 16000 lm, Power supply unit with DALI interface, Double asymmetric optic 20°, 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		Warranty period	
Lamp family code	LED160S [LED module, system flux 16000 lm]	Warranty period	3 years + 2 years upon registration
Light source replaceable	No	Flammability mark	For mounting on normally flammable surfaces
Number of gear units	2 units	ENEC mark	ENEC mark
Driver included	Yes	Glow-wire test	Temperature 650 °C, duration 5 s
Feed-through wiring	Feed-through wiring 7-phase	EU RoHS compliant	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.	<b>Light Technical</b>	
Service tag	Yes	Luminous Flux	16,000 lm
Product family code	LL120X [CoreLine Trunking]	Correlated Color Temperature (Nom)	4000 K
Lighting Technology	LED	Luminous Efficacy (rated) (Nom)	148 lm/W
CE mark	Yes	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	Double asymmetric optic 20°
		Optical cover type	-

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Luminaire light beam spread	98° x 104°
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	22 A
Inrush time	0.275 ms
Power Consumption	108 W
Power Factor (Fraction)	0.97
Connection	Connection unit 7-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	Frosted
Overall length	3,450 mm
Overall width	95 mm
Overall height	52 mm

Dimensions (Height x Width x Depth)	52 x 95 x 3450 mm
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## 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	+/-2%
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	5 %
Lumen maintenance at median useful life* 50000 h	L80

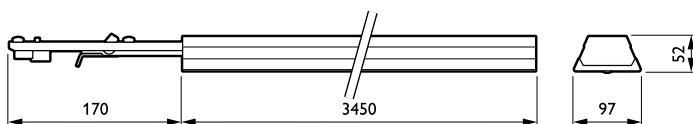
## Application Conditions

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

## Product Data

Order product name	LL120X LED160S/840 2x PSD DA20 7 VLC WH
Full product name	LL120X LED160S/840 2x PSD DA20 7 VLC WH
Full product code	871869638136600
Order code	910925864016
Material Nr. (12NC)	910925864016
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696381366
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696381366

## Dimensional drawing



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