# **PHILIPS** Lighting



# **CoreLine Trunking**

# LL120X LED160S/840 2x PSD WB 9 VLC WH

CoreLine Trunking, 6, LED module, system flux 16000 lm, Power supply unit with DALI interface, Wide beam, Feed-through wiring 9-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	LED160S [LED module, system flux 16000 lm]
Light source replaceable	No
Number of gear units	2 units
Driver included	Yes
Feed-through wiring	Feed-through wiring 9-phase
Remarks	*- According to the Lighting Europe guidance
	paper 'Evaluating performance of LED based
	luminaires – January 2018': statistically there
	is no relevant difference in lumen
	maintenance between the B50 and, for
	example, the B10. Therefore, the median
	useful life (B50) value also represents the B10
	value.
Product family code	LL120X [CoreLine Trunking]
Lighting Technology	LED
CE mark	Yes

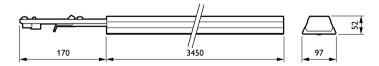
Warranty period	3 years + 2 years upon registration
Flammability mark	For mounting on normally flammable surfaces
ENEC mark	ENEC mark
Glow-wire test	Temperature 650 °C, duration 5 s
EU RoHS compliant	Yes
Light Technical	
Luminous Flux	16,000 lm
Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	148 lm/W
Colour rendering index (CRI)	≥80
Number of light sources	6
Beam angle of light source	120 degree(s)
Light source colour	840 neutral white
Optic type	Wide beam
Optical cover type	-
Luminaire light beam spread	100° x 94°

## **CoreLine Trunking**

Unified Glare Rating (CEN)	Not applicable	Dimens
Operating and Electrical		Approv
Input Voltage	220 to 240 V	Ingress
Line Frequency	50 to 60 Hz	Mech. ii
Initial CLO power consumption	- W	Protect
Average CLO power consumption	- W	
Inrush current	22 A	Initial
Inrush time	0.275 ms	Lumino
Power Consumption	108 W	Initial c
Power Factor (Fraction)	0.97	Power of
Connection	Connection unit 9-pole	
Cable	-	Over T
Number of products on MCB of 16 A type	24	Control
В		useful li
		Lumen
Temperature		life* 50,
Ambient temperature range	-20 to +35 °C	
		Applic
Controls and Dimming		Perform
Dimmable	Yes	Maximu
Driver/power unit/transformer	Power supply unit with DALI interface	Suitable
Control interface	DALI	
Constant light output	No	Produc
		Order p
Mechanical and Housing		Full pro
Housing material	Steel	Full EO
Reflector material	-	Order c
Optic material	Acrylate	Materia
Optical cover/lens material	Acrylate	SAP nu
Fixation material	Steel	EAN/UF
Housing Colour	White	Numera
Optical cover/lens finish	Frosted	EAN/UF
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	
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	5 %	
useful life 50,000 h		
Lumen maintenance at median useful	L80	
life* 50,000 h		
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 WB 9 VLC WH	
Full product name	LL120X LED160S/840 2x PSD WB 9 VLC WH	
Full EOC	871869638099400	
Order code	38099400	
Material no. (12 NC)	910925863978	
SAP numerator – quantity per pack	1	
EAN/UPC — Product/Case	8718696380994	
Numerator – packs per outer box	1	
EAN/UPC - Case	8718696380994	

#### Dimensional drawing



### **CoreLine Trunking**



© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.

www.lighting.philips.com 2023, April 29 - data subject to change