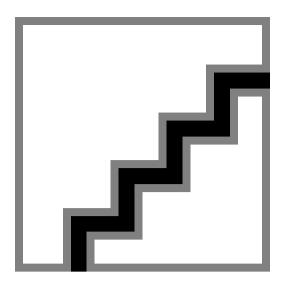
# **PHILIPS** Lighting



# **CoreLine Trunking**

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

CoreLine Trunking, 6, LED module, system flux 16000 lm, Power supply unit with DALI interface, Very wide beam, 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		
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 7-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	
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 Color Temperature (Nom)	4000 K	
Luminous Efficacy (rated) (Nom)	148 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	-	

## **CoreLine Trunking**

Luminaire light beam spread	140° x 94°	Overall height	52 mm
Unified glare rating CEN	Not applicable	Dimensions (Height x Width x Depth)	52 x 95 x 3450 mm
Operating and Electrical		Approval and Application	
Input Voltage	220 to 240 V	Ingress protection code	IP20 [Finger-protected]
Line Frequency	50 to 60 Hz	Mech. impact protection code	IK02 [0.2 J standard]
Initial CLO power consumption	- W	Protection class IEC	Safety class I
Average CLO power consumption	- W		
Inrush current	22 A	Initial Performance (IEC Compliant)	
Inrush time	0.275 ms	Luminous flux tolerance	+/-2%
Power Consumption	108 W	Initial chromaticity	(0.38, 0.38) SDCM <3
Power Factor (Fraction)	0.97	Power consumption tolerance	+/-10%
Connection	Connection unit 7-pole		
Cable	-	Over Time Performance (IEC Compl	ant)
Number of products on MCB of 16 A type	24	Control gear failure rate at median useful	5 %
В		life 50000 h	
		Lumen maintenance at median useful	L80
Temperature		life* 50000 h	
Ambient temperature range	-20 to +35 °C		
		Application Conditions	
Controls and Dimming		Performance ambient temperature Tq	25 °C
Dimmable	Yes	Maximum dim level	1%
Driver/power unit/transformer	Power supply unit with DALI interface	Suitable for random switching	No
Control interface	DALI		
Constant light output	No	Product Data	
		Order product name	LL120X LED160S/840 2x PSD VWB 7 VLC WH
Mechanical and Housing		Full product name	LL120X LED160S/840 2x PSD VWB 7 VLC WH
Housing Material	Steel	Full product code	871869638105200
Reflector material	-	Order code	910925863984
Optic material	Acrylate	Material Nr. (12NC)	910925863984
Optical cover material	Acrylate	Numerator - Quantity Per Pack	1
Fixation material	Steel	EAN/UPC - Product/Case	8718696381052
Housing Color	White	Numerator - Packs per outer box	1
Optical cover finish	Frosted	EAN/UPC - Case	8718696381052
Overall length	3,450 mm		
Overall width	95 mm	_	

#### Dimensional drawing



### **CoreLine Trunking**



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www.lighting.philips.com 2023, September 4 - data subject to change