# **PHILIPS** Lighting



# **CoreLine Trunking**

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

CoreLine Trunking, 6, LED module, system flux 16000 lm, Power supply unit with DALI interface, Narrow 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 Im]     Light source replaceable   No     Number of gear units   2 units     Driver included   Yes     Feed-through wiring   Feed-through wiring 9-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			
Im]     Light source replaceable   No     Number of gear units   2 units     Driver included   Yes     Feed-through wiring   Feed-through wiring 9-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	General Information		
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Service tag Yes   Product family code LL120X [CoreLine Trunking]		B10. Therefore, the median useful life (B50)	
Product family code LL120X [CoreLine Trunking]		value also represents the B10 value.	
	Service tag	Yes	
Lighting Technology LED	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	Narrow beam	

## **CoreLine Trunking**

Optical cover type	-	Overall height	52 mm
Luminaire light beam spread	48° x 66°	Dimensions (Height x Width x Depth)	52 x 95 x 3450 mm
Unified glare rating CEN	Not applicable		
		Approval and Application	
Operating and Electrical		Ingress protection code	IP20 [Finger-protected]
Input Voltage	220 to 240 V	Mech. impact protection code	IK02 [0.2 J standard]
Line Frequency	50 to 60 Hz	Protection class IEC	Safety class I
Initial CLO power consumption	- W		
Average CLO power consumption	- W	Initial Performance (IEC Compliant)	
Inrush current	22 A	Luminous flux tolerance	+/-2%
Inrush time	0.275 ms	Initial chromaticity	(0.38, 0.38) SDCM <3
Power Consumption	108 W	Power consumption tolerance	+/-10%
Power Factor (Fraction)	0.97		
Connection	Connection unit 9-pole	Over Time Performance (IEC Compliant)	
Cable	-	Control gear failure rate at median useful 5 %	
Number of products on MCB of 16 A type	24	life 50000 h	
В		Lumen maintenance at median useful	L80
		life* 50000 h	
Temperature			
Ambient temperature range	-20 to +35 °C	Application Conditions	
		Performance ambient temperature Tq	25 ℃
Controls and Dimming		Maximum dim level	1%
Dimmable	Yes	Suitable for random switching	No
Driver/power unit/transformer	Power supply unit with DALI interface		
Control interface	DALI	Product Data	
Constant light output	No	Order product name	LL120X LED160S/840 2x PSD NB 9 VLC WH
		Full product name	LL120X LED160S/840 2x PSD NB 9 VLC WH
Mechanical and Housing		Full product code	871869638110600
Housing Material	Steel	Order code	910925863989
Reflector material	-	Material Nr. (12NC)	910925863989
Optic material	Acrylate	Numerator - Quantity Per Pack	1
Optical cover material	Acrylate	EAN/UPC - Product/Case	8718696381106
Fixation material	Steel	Numerator - Packs per outer box	1
Housing Color	White	EAN/UPC - Case	8718696381106
Optical cover finish	Clear		
Overall length	3,450 mm	_	
Overall width	95 mm	_	

#### Dimensional drawing



### **CoreLine Trunking**



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