# **PHILIPS** Lighting



# **CoreLine Trunking**

# LL120X LED160S/840 2x PSU WB 5 WH

CoreLine Trunking, 6, LED module, system flux 16000 lm, Power supply unit (On/Off), Wide beam, Feed-through wiring 5-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 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
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	Wide beam	
Optical cover type	-	

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Luminaire light beam spread	100° 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	19 A	Initial Performance (IEC Compliant)	
Inrush time	0.28 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 5-pole		
Cable	-	Over Time Performance (IEC Compliant)	
Number of products on MCB of 16 A ty	<b>pe</b> 24	Control gear failure rate at median usef	al 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 ℃
Dimmable	No	Maximum dim level	Not applicable
Driver/power unit/transformer	Power supply unit (On/Off)	Suitable for random switching	No
Control interface	-		
Constant light output	No	Product Data	
		Order product name	LL120X LED160S/840 2x PSU WB 5 W
Mechanical and Housing		Full product name	LL120X LED160S/840 2x PSU WB 5 W
Housing Material	Steel	Full product code	871869638088800
Reflector material	-	Order code	38088800
Optic material	Acrylate	Material Nr. (12NC)	910925863967
Optical cover material	Acrylate	Numerator - Quantity Per Pack	1
Fixation material	Steel	EAN/UPC - Product/Case	8718696380888
Housing Color	White	Numerator - Packs per outer box	1
Optical cover finish	Frosted	EAN/UPC - Case	8718696380888
Overall length	3,450 mm		
Overall width	95 mm		

#### Dimensional drawing



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