# **PHILIPS** Lighting



# **CoreLine Trunking**

## LL120X LED84S/840 2x PSD O 9 WH

CoreLine Trunking, LED Module, system flux 8400 lm, 840 neutral white, Power supply unit with DALI interface, Opal, 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	LED84S [LED Module, system flux 8400 lm]
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
Glow-wire test	Temperature 850 °C, duration 5 s

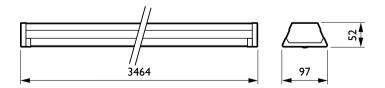
Flammability mark	For mounting on normally flammable
	surfaces
CE mark	Yes
ENEC mark	ENEC mark
Warranty period	3 years + 2 years upon registration
EU RoHS compliant	Yes
Light Technical	
Luminous Flux	8,400 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	131 lm/W
Color rendering index (CRI)	≥80
Number of light sources	6
Beam angle of light source	120 degree(s)
Light source color	840 neutral white
Optic type	-
Optical cover type	Opal

#### **CoreLine Trunking**

Luminaire light beam spread117°Unified glare rating CENNot applicableOperating and Electrical220 to 240 VInput Voltage220 to 60 HzInrush current44 AInrush current0.275 msPower Consumption64 WPower Factor (Fraction)0.95ConnectionConnection unit 9-poleCable-Number of products on MCB of 16 Atype12B-Temperature-Controls and Dimming-20 to +35 °CDimmableYesDimmableNoOutrol InterfaceDALIControl Interface-Mechanical and HousingSteelRelector materialSteelRelector materialSteelPolycarbonatePolycarbonateOptical cover materialSteelHousing ColorWhiteOptical cover finishOpalOptical cover finishSteelFustion materialSteelFustion materialSteelOptical cover finishSteelOptical cover finishOpalOptical cover finishOpalOptical cover finishStemOptical cover finishStemStemOptical		
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Number of products on MCB of 16 A type12BIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	Connection	Connection unit 9-pole
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-     Temperature     Ambient temperature range   -20 to +35 °C     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     Reflector material   -     Optic al cover material   Polycarbonate     Optical cover finish   Opal     Overall length   3,450 mm     Overall width   95 mm	Number of products on MCB of 16 A type	12
Ambient temperature range   -20 to +35 °C     Controls and Dimming   Ves     Dimmable   Yes     Driver/power unit/transformer   Power supply unit with DALI interface     Control interface   DALI     Constant light output   No     Mechanical and Housing   Housing Material     Housing Material   Steel     Reflector material   -     Optic al cover material   Polycarbonate     Fixation material   Steel     Housing Color   White     Optical cover finish   Opal     Overall length   3,450 mm     Overall width   95 mm	В	
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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     Reflector material   Steel     Optic material   Polycarbonate     Optical cover material   Steel     Housing Color   White     Optical cover finish   Opal     Overall length   3,450 mm     Overall width   95 mm	Temperature	
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Mechanical and Housing     Housing Material   Steel     Reflector material   -     Optic material   Polycarbonate     Optical cover material   Polycarbonate     Housing Color   White     Optical cover finish   Opal     Overall length   3,450 mm     Overall width   95 mm	Control interface	DALI
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Housing MaterialSteelReflector material-Optic materialPolycarbonateOptical cover materialPolycarbonateFixation materialSteelHousing ColorWhiteOptical cover finishOpalOverall length3,450 mmOverall width95 mm		
Reflector material   -     Optic material   Polycarbonate     Optical cover material   Polycarbonate     Fixation material   Steel     Housing Color   White     Optical cover finish   Opal     Overall length   3,450 mm     Overall width   95 mm	Mechanical and Housing	
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Optical cover material Polycarbonate   Fixation material Steel   Housing Color White   Optical cover finish Opal   Overall length 3,450 mm   Overall width 95 mm	Reflector material	-
Fixation material Steel   Housing Color White   Optical cover finish Opal   Overall length 3,450 mm   Overall width 95 mm	Optic material	Polycarbonate
Housing ColorWhiteOptical cover finishOpalOverall length3,450 mmOverall width95 mm	Optical cover material	Polycarbonate
Optical cover finish Opal   Overall length 3,450 mm   Overall width 95 mm	Fixation material	Steel
Overall length 3,450 mm   Overall width 95 mm	Housing Color	White
Overall width 95 mm	Optical cover finish	Opal
	Overall length	3,450 mm
Overall height 52 mm	Overall width	95 mm
	Overall height	52 mm

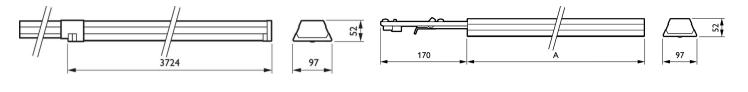
Dimensions (Height x Width x Depth)	52 x 95 x 3450 mm	
Approval and Application		
Ingress protection code	IP20 [Finger-protected]	
Mech. impact protection code	IK02 [0.2 J standard]	
Protection class IEC	Safety class I	
Initial Performance (IEC Compliant)		
Luminous flux tolerance	+/-7%	
Initial chromaticity	(0.38, 0.38) SDCM <3	
Power consumption tolerance	+/-11%	
Over Time Performance (IEC Compliant)		
Control gear failure rate at median useful	5 %	
life 50000 h		
Lumen maintenance at median useful	L80	
life* 50000 h		
Application Conditions		
Performance ambient temperature Tq	25 ℃	
Maximum dim level	1%	
Suitable for random switching	No	
Product Data		
Order product name	LL120X LED84S/840 2x PSD O 9 WH	
Full product name	LL120X LED84S/840 2x PSD O 9 WH	
Full product code	871829190736700	
Order code	910925683010	
Material Nr. (12NC)	910925683010	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8718291907367	
Numerator - Packs per outer box	1	

#### Dimensional drawing



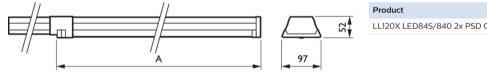
### **CoreLine Trunking**

#### Dimensional drawing



Product	А
LL120X LED84S/840 2x PSD O 9 WH	3,450 mm

Product	Α
LL120X LED84S/840 2x PSD O 9 WH	3,464 mm



Product	А
LL120X LED84S/840 2x PSD O 9 WH	3,724 mm



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