



CoreLine Trunking

LL121X LED45S/840 1x PSD DA20 9 WH

CoreLine Trunking, LED Module, system flux 4500 lm, Power supply unit with DALI interface, Double asymmetric optic 20°

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		Flammability mark	
Lamp family code	LED45S [LED Module, system flux 4500 lm]	For mounting on normally flammable surfaces	
Light source replaceable	No	ENEC mark	
Number of gear units	1 unit	Glow-wire test	
Driver included	Yes	Temperature 650 °C, duration 5 s	
Feed-through wiring	Feed-through wiring 9-phase	EU RoHS compliant	
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.	Yes	
Light Technical			
Product family code	LL121X [CoreLine Trunking]	Luminous Flux	
Lighting Technology	LED	4,500 lm	
CE mark	Yes	Correlated Color Temperature (Nom)	
Warranty period	3 years	4000 K	
		Luminous Efficacy (rated) (Nom)	
		141 lm/W	
		Color rendering index (CRI)	
		≥80	
		Number of light sources	
		3	
		Beam angle of light source	
		120 degree(s)	
		Light source color	
		840 neutral white	
		Optic type	
		Double asymmetric optic 20°	
		Optical cover type	
		-	
		Luminaire light beam spread	
		86° x 80°	

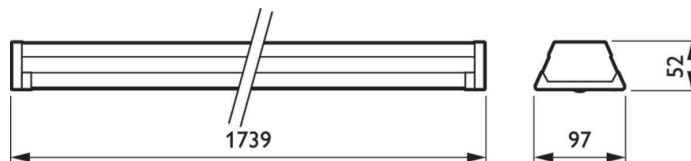
CoreLine Trunking

Unified glare rating CEN	Not applicable
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	22 A
Inrush time	0.275 ms
Power Consumption	32 W
Power Factor (Fraction)	0.95
Connection	Connection unit 9-pole
Cable	-
Number of products on MCB of 16 A type B	24
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	Steel
Reflector material	-
Optic material	Acrylate
Optical cover material	Acrylate
Fixation material	Steel
Housing Color	White
Optical cover finish	Clear
Overall length	1,730 mm
Overall width	95 mm
Overall height	52 mm
Dimensions (Height x Width x Depth)	52 x 95 x 1730 mm

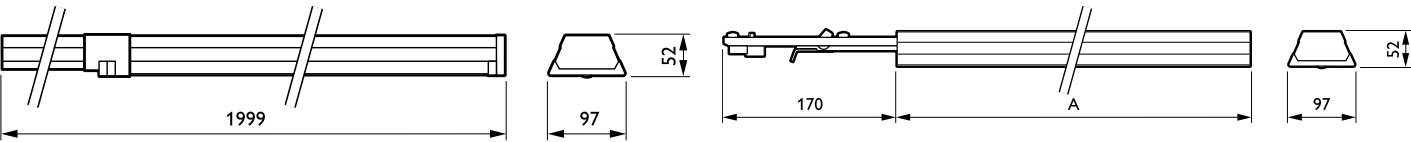
Dimensional drawing



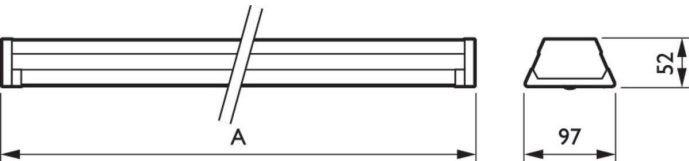
Approval and Application	
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Protection class IEC	Safety class I
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-7%
Initial chromaticity	(0.38, 0.38) SDCM <3
Power consumption tolerance	+/-11%
Over Time Performance (IEC Compliant)	
Control gear failure rate at median useful life 50000 h	5 %
Lumen maintenance at median useful life* 50000 h	L80
Application Conditions	
Performance ambient temperature Tq	25 °C
Maximum dim level	1%
Suitable for random switching	No
Product Data	
Order product name	LL121X LED45S/840 1x PSD DA20 9 WH
Full product name	LL121X LED45S/840 1x PSD DA20 9 WH
Full product code	871829190737400
Order code	90737400
Material Nr. (12NC)	910925683011
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291907374
Numerator - Packs per outer box	1
EAN/UPC - Case	8718291907374



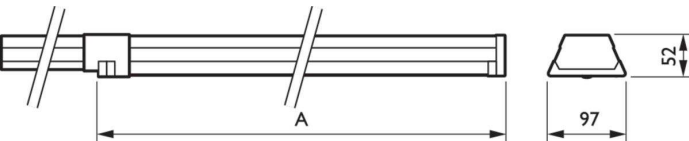
Dimensional drawing



Product	A
LL121X LED45S/840 1x PSD DA20 9 WH	1,725 mm



Product	A
LL121X LED45S/840 1x PSD DA20 9 WH	1,739 mm



Product	A
LL121X LED45S/840 1x PSD DA20 9 WH	1,999 mm

