



CoreLine Trunking

LL121X LED45S/840 1x PSU NB 5 WH

CoreLine Trunking - LED Module, system flux 4500 lm - Power supply unit - Narrow beam

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			
Number of light sources	3 pcs	Mounting	Suspension set 1-wire
Lamp family code	LED45S [LED Module, system flux 4500 lm]	Ready-to-install	-
Beam angle of light source	120 °	Glow-wire test	Temperature 650 °C, duration 5 s
Light source color	840 neutral white	Flammability mark	For mounting on normally flammable surfaces
Light source replaceable	No	Accessories included	Mounting bracket for suspension wire
Number of gear units	1 unit	CE mark	CE mark
Driver/power unit/transformer	Power supply unit	ENEC mark	ENEC mark
Driver included	Yes	Warranty period	3 years
Optic type	Narrow beam	Mechanical accessories	-
Optical cover/lens type	-	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.
Luminaire light beam spread	20° x 68°	Constant light output	
Emergency lighting	-		
Internal wiring	Standard		
Feed-through wiring	Feed-through wiring 5-phase		
Connection	Connection unit 5-pole		
Cable	-		
Protection class IEC	Safety class I		

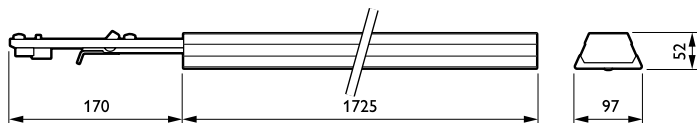
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Number of products on MCB of 16 A type B	24
RoHS mark	RoHS mark
Product family code	LL121X [CoreLine Trunking]
Unified glare rating CEN	Not applicable
Light Technical	
Light Distribution	Direct lighting
Operating and Electrical	
Input Voltage	220 to 240 V
Input Frequency	50 to 60 Hz
Control signal voltage	0-16 V DC DALI
Circuit	-
Circuit option	5 conductors
Inrush current	19 A
Inrush time	0.28 ms
Power Factor (Min)	0.95
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Housing Material	Steel
Reflector material	-
Optic material	Acrylate
Optical cover/lens material	Acrylate
Fixation material	Steel
Optical cover/lens finish	Clear
Overall length	1730 mm
Overall width	95 mm
Overall height	52 mm
Height	52 mm
Diameter	-
Color	White
Approval and Application	
Ingress protection code	IP20 [Finger-protected]

Mech. impact protection code	IK02 [0.2 J standard]
Initial Performance (IEC Compliant)	
Initial luminous flux (system flux)	4500 lm
Luminous flux tolerance	+/-7%
Initial LED luminaire efficacy	141 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	≥80
Initial chromaticity	(0.38, 0.38) SDCM <3
Initial input power	32 W
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	
Ambient temperature range	-20 to +35 °C
Performance ambient temperature Tq	25 °C
Suitable for random switching	No
Product Data	
Full product code	871829188435400
Order product name	LL121X LED45S/840 1x PSU NB 5 WH
EAN/UPC - Product	8718291884354
Order code	910925682955
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910925682955
Net Weight (Piece)	3.650 kg

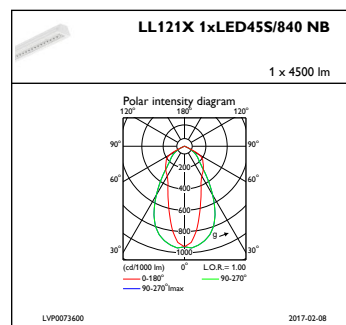
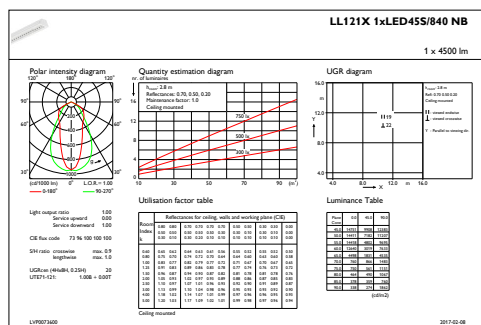
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Dimensional drawing



CoreLine electr. units LL120X-LL122X

Photometric data



IFGU1_LL121X1xLED45S840NB

IFPC1_LL121X1xLED45S840NB

