



CoreLine Trunking

LL120X LED84S/865 1x PSU O 5 WH

CoreLine Trunking - 6 pcs - LED Module, system flux 8400 lm -
Power supply unit - - - Opal - 5 conductors - - - Feed-through
wiring 5-phase - Ceiling-mounting bracket - 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		Protection class IEC	Safety class I
Number of light sources	6 pcs	Mounting	Ceiling-mounting bracket
Lamp family code	LED84S [LED Module, system flux 8400 lm]	Ready-to-install	-
Beam angle of light source	120 °	Glow-wire test	Temperature 850 °C, duration 5 s
Light source color	865 cool daylight	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 + 2 years upon registration
Optic type	-	Mechanical accessories	-
Optical cover/lens type	Opal	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
Luminaire light beam spread	117°		
Emergency lighting	-		
Internal wiring	Standard		
Feed-through wiring	Feed-through wiring 5-phase		
Connection	Connection unit 5-pole		
Cable	-		

CoreLine Trunking

	B10. Therefore the median useful life (B50) value also represents the B10 value.
Constant light output	No
Number of products on MCB of 16 A type B	24
RoHS mark	RoHS mark
Product family code	LL120X [CoreLine Trunking]
Unified glare rating CEN	Not applicable

Light Technical

Light Distribution	Direct lighting
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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
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Mechanical and Housing

Housing Material	Steel
Reflector material	-
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Steel
Optical cover/lens finish	Opal
Overall length	3450 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)	8400 lm
Luminous flux tolerance	+/-7%
Initial LED luminaire efficacy	131 lm/W
Init. Corr. Color Temperature	6500 K
Init. Color Rendering Index	≥80
Initial chromaticity	(0.31, 0.33) SDCM <3
Initial input power	64 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

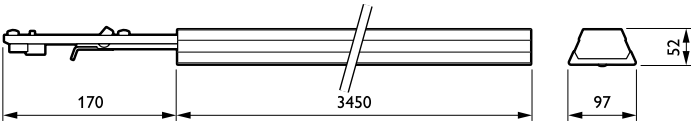
Ambient temperature range	-20 to +35 °C
Performance ambient temperature Tq	25 °C
Suitable for random switching	No

Product Data

Full product code	871869634751500
Order product name	LL120X LED84S/865 1x PSU O 5 WH
EAN/UPC - Product	8718696347515
Order code	910925863340
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910925863340
Net Weight (Piece)	6.910 kg

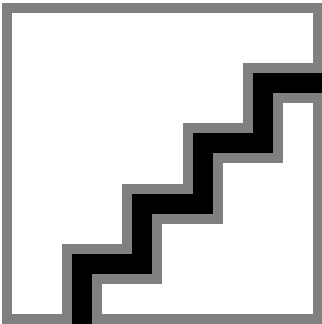
CoreLine Trunking

Dimensional drawing

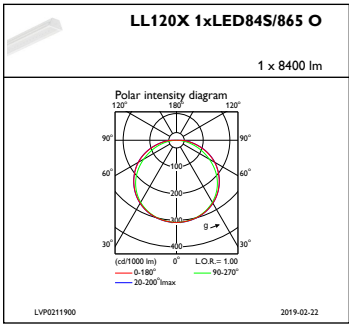


CoreLine electr. units LL120X-LL122X

Photometric data



IFGU1_LL120X1xLED84S865O



IFPC1_LL120X1xLED84S865O

