

# CoreLine Trunking



## LL120X LED160S/840 PSU NB 5 WH

LED Module, system flux 16,000 lm - 840 neutral white - Power supply unit - Narrow beam - 5 conductors - 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

|                               |  |
|-------------------------------|--|
| Number of light sources       | 6 [ 6 pcs]                                       |
| Lamp family code              | LED160S [ LED Module, system flux 16,000 lm]     |
| Light source colour           | 840 neutral white                                |
| Light source replaceable      | No   |
| Driver/power unit/transformer | PSU [ Power supply unit]                         |
| Driver included               | Yes  |
| Optic type                    | NB [ Narrow beam]                                |
| Optical cover/lens type       | No [ -]  |
| Luminaires light beam spread  | 20° x 68°  |
| Emergency lighting            | No [ -]  |
| Internal wiring               | Standard   |
| Feed-through wiring           | Feed-through wiring 5-phase                      |
| Connection                    | CU5 [ Connection unit 5-pole]                    |
| Protection class IEC          | Safety class I (I)                               |
| Mounting                      | SM1 [ Suspension set 1-wire]                     |
| Standard RAL colour           | Traffic white (9016)                             |
| Ready-to-install              | -  |
| Glow-wire test                | 650/5 [ Temperature 650 °C, duration 5 s]        |
| Flammability mark             | F [ For mounting on normally flammable surfaces] |
| Accessories included          | MB-SW [ Mounting bracket for suspension wire]    |
| CE mark                       | CE mark  |
| ENEC mark                     | ENEC mark  |
| Mechanical accessories        | No [ -]  |
| Product Family Code           | LL120X   |

### • Light Technical

|                         |                        |
|-------------------------|------------------------|
| Light distribution      | DIR [ Direct lighting] |
| Luminous flux tolerance | +/-2.5%                |

### • Operating and Electrical

|                        |                   |
|------------------------|-------------------|
| Input voltage          | 220 to 240 V      |
| Input frequency        | 50-60 Hz          |
| Control signal voltage | 0-16 V DC DALI    |
| Circuit                | No [ -]           |
| Circuit option         | 5 [ 5 conductors] |

### • Controls and Dimming

|          |    |
|----------|----|
| Dimmable | No |
|----------|----|

### • Mechanical and Housing

|                  |          |
|------------------|----------|
| Housing material | Steel    |
| Optic material   | Acrylate |

### • 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          | 16000 lm |
| Initial LED luminaire efficacy | 129 lm/W |
| Init. Corr. colour temperature | 4000 K   |

**PHILIPS**

# CoreLine Trunking

Initial chromaticity (0.38, 0.38) SDCM <3  
Initial input power 124 W

## • Over Time Performance (IEC Compliant)

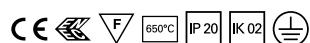
Median useful life 25000 h  
L90B50  
Median useful life 50000 h  
L80B50  
Median useful life 70000 h  
L70B50  
Driver failure rate at 1 %  
5,000 hours

## • Product Data

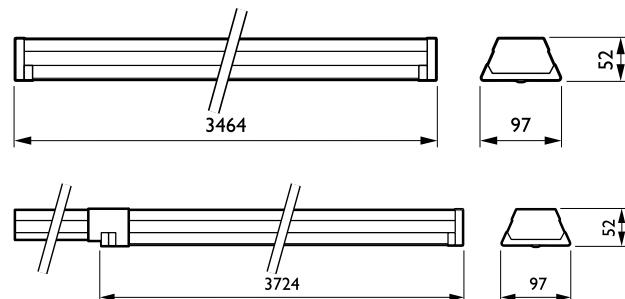
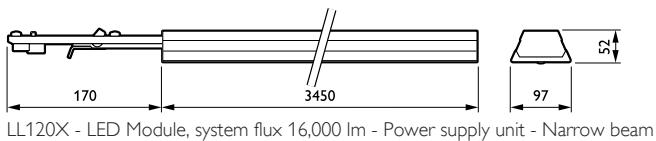
|                                 |                                |
|---------------------------------|--------------------------------|
| Full product code               | 871829188168100                |
| Order product name              | LL120X LED160S/840 PSU NB 5 WH |
| EAN/UPC – product               | 8718291881681                  |
| Order code                      | 88168100                       |
| Numerator – quantity per pack   | 1                              |
| Numerator – packs per outer box | 1                              |
| Material no. (12NC)             | 910925682910                   |
| Net weight (piece)              | 6.990 kg                       |

## • Application Conditions

Ambient temperature -20 to +35 °C  
range  
Suitable for random switching No



## Dimensional drawing



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[www.philips.com/lighting](http://www.philips.com/lighting)

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data subject to change