



GreenPerform Trunking

LL120X LED70 L3000 NW PSD 7 OP ENG

LED Module, system flux 7600 lm - Neutral white - Power supply unit with DALI interface - Wide beam

With Philips GreenPerform Trunking, industry and supermarket owners have an innovative LED solution that intelligently combines high-performance lighting features with maximised energy savings. This solution is designed to boost productivity and enhance shopping experience without compromising performance and energy efficiency. Suitable for a wide range of applications, GreenPerform Trunking is safe, reliable, and versatile, the perfect direct replacement for conventional fluorescent trunking.

Product data

| General Information | | | |
|-------------------------------|--|---------------------------|---|
| Lamp family code | LED76S [LED Module, system flux 7600 lm] | Cable | - |
| Beam angle of light source | 90 x 90 ° | Protection class IEC | Safety class I (I) |
| Lamp colour code | Neutral white | Glow-wire test | 650/30 [Temperature 650 °C, duration 30 s] |
| Light source replaceable | No | Flammability mark | NO [-] |
| Number of gear units | 2 units | CE mark | CE mark |
| Gear | - | ENEC mark | - |
| Driver/power unit/transformer | PSD [Power supply unit with DALI interface] | UL mark | No |
| Driver included | Yes | Warranty period | 3 years |
| Optic type | WB [Wide beam] | Constant light output | Yes |
| Optical cover/lens type | O [Opal] | Spare parts available | No |
| Luminaire light beam spread | 120° | Number of products on MCB | 12 |
| Control interface | DALI | RoHS mark | RoHS mark |
| Connection | CI [Internal connector] | | |

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Operating and Electrical

| | |
|-------------------------------|-------------|
| Input voltage | 220-240 V |
| Input frequency | 50 to 60 Hz |
| Initial CLO power consumption | 72 W |
| Average CLO power consumption | 72 W |
| Inrush current | 44 A |
| Inrush time | 0.275 ms |
| Power factor (min.) | 0.9 |
| Power factor (nom.) | 0.9 |

Controls and Dimming

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|----------|-----|
| Dimmable | Yes |
|----------|-----|

Mechanical and Housing

| | |
|-----------------------------|-------------------|
| Housing material | Aluminum extruded |
| Reflector material | - |
| Optic material | Polycarbonate |
| Optical cover/lens material | Polycarbonate |
| Gear tray material | Steel |
| Fixation material | Stainless steel |
| Optical cover/lens finish | Opal |
| Overall length | 3000 mm |
| Overall width | 79 mm |
| Overall height | 83 mm |
| Colour | 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 | 7600 lm |
|-----------------------|---------|

| | |
|--------------------------------|----------------------|
| Luminous flux tolerance | +/-7.5% |
| Initial LED luminaire efficacy | 108.571 lm/W |
| Lamp colour temperature | 4000 K |
| Colour Rendering Index | 80 |
| Initial chromaticity | (0.38, 0.38) SDCM <5 |
| Initial input power | 70 W |
| Power consumption tolerance | +/-10% |

Over Time Performance (IEC Compliant)

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|---------------------------|---------|
| Median useful life L70B50 | 50000 h |
| Median useful life L80B50 | 40000 h |
| Median useful life L90B50 | 20000 h |

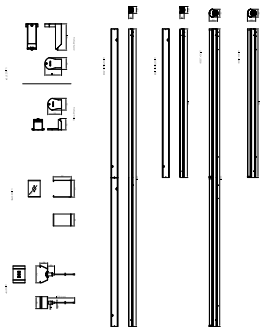
Application Conditions

| | |
|-------------------------------|-----------------------------|
| Ambient temperature range | -20 to +35 °C |
| Maximum dimming level | 1% (depends on dimmer, ELV) |
| Suitable for random switching | No |

Product Data

| | |
|---------------------------------|------------------------------------|
| Full product code | 911401586321 |
| Order product name | LL120X LED70 L3000 NW PSD 7 OP ENG |
| Order code | 911401586321 |
| Local Code | LL120X70WNWL30 |
| Numerator – quantity per pack | 1 |
| Numerator – packs per outer box | 4 |
| Material no. (12NC) | 911401586321 |
| Net weight (piece) | 6.799 kg |

Dimensional drawing



GreenPerform electr. units LL120X

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