



GreenPerform Trunking

LL120X LED70 L1500 NW PSU 5 OP ENG

LED Module, system flux 7600 lm - Neutral white - Power supply unit
 - 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] |
| Beam angle of light source | 90 x 90 ° |
| Lamp colour code | Neutral white |
| Light source replaceable | No |
| Number of gear units | 1 unit |
| Gear | - |
| Driver/power unit/transformer | Power supply unit |
| Driver included | Yes |
| Optic type | Wide beam |
| Optical cover/lens type | Opal |
| Luminaire light beam spread | 120° |
| Connection | Internal connector |
| Cable | - |
| Protection class IEC | Safety class I |
| Glow-wire test | Temperature 650 °C, duration 30 s |
| Flammability mark | - |

| CE mark | CE mark |
|-------------------------------|-------------|
| ENEC mark | - |
| UL mark | No |
| Warranty period | 3 years |
| Constant light output | Yes |
| Spare parts available | No |
| Number of products on MCB | 24 |
| RoHS mark | RoHS mark |
| Operating and Electrical | |
| Input voltage | 220-240 V |
| Input frequency | 50 to 60 Hz |
| Initial CLO power consumption | 70 W |
| Average CLO power consumption | 70 W |
| Inrush current | 19 A |
| Inrush time | 0.275 ms |
| Power factor (min.) | 0.9 |

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|---------------------|-----|
| Power factor (nom.) | 0.9 |
|---------------------|-----|

Controls and Dimming

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

Mechanical and Housing

| | |
|-----------------------------|--------------------|
| Housing material | Aluminium 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 | 1500 mm |
| Overall width | 79 mm |
| Overall height | 83 mm |

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)

| | |
|------------------------------------|---------|
| Driver failure rate at 5,000 hours | 1 % |
| Median useful life L70B50 | 50000 h |
| Median useful life L80B50 | 40000 h |
| Median useful life L90B50 | 20000 h |

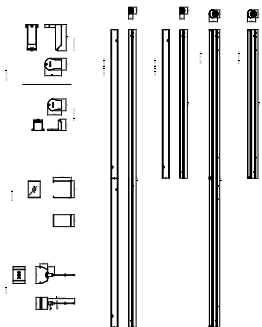
Application Conditions

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

Product Data

| | |
|---------------------------------|------------------------------------|
| Full product code | 911401582021 |
| Order product name | LL120X LED70 L1500 NW PSU 5 OP ENG |
| Order code | 911401582021 |
| Numerator – quantity per pack | 1 |
| Numerator – packs per outer box | 4 |
| Material no. (12NC) | 911401582021 |
| Net weight (piece) | 3.399 kg |

Dimensional drawing



GreenPerform electr. units LL120X

