



GreenPerform Trunking

LL120X LED140 L3000 NW PSU 5 DA ENG

LED module 15200 lm - Neutral white - Power supply unit - Double asymmetric optic

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 the 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 | LED152 [LED module 15200 lm] | Connection | CI [Internal connector] |
| Beam angle of light source | 90 x 90 ° | Cable | - |
| Light source colour | Neutral white | Protection class IEC | Safety class I (I) |
| Light source replaceable | No | Glow-wire test | 650/30 [Temperature 650 °C, duration 30 s] |
| Number of gear units | 2 units | Flammability mark | NO [-] |
| Gear | - | CE mark | CE mark |
| Driver/power unit/transformer | PSU [Power supply unit] | ENEC mark | - |
| Driver included | Yes | UL mark | - |
| Optic type | DA [Double asymmetric optic] | Warranty period | 3 years |
| Optical cover/lens type | LIN-PC [Linear-lens array in polycarbonate cover] | Constant light output | Yes |
| Luminaire light beam spread | 100° | Spare parts available | No |
| Control interface | - | Number of products on MCB (16 A type B) | 12 |
| | | EU RoHS compliant | Yes |

GreenPerform Trunking

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|--------------------------|-----|
| Light source engine type | LED |
|--------------------------|-----|

Operating and Electrical

| | |
|-------------------------------|--------------|
| Input Voltage | 220 to 240 V |
| Input frequency | 50 to 60 Hz |
| Initial CLO power consumption | 140 W |
| Average CLO power consumption | 140 W |
| Inrush current | 38 A |
| Inrush time | 0.275 ms |
| Power factor (min.) | 0.9 |
| Power factor (nom.) | 0.9 |

Controls and Dimming

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

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 | Clear |
| Overall length | 3000 mm |
| Overall width | 79 mm |
| Overall height | 83 mm |
| Colour | White |

Approval and Application

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|------------------------------|--------------------------|
| Ingress protection code | IP20 [Finger-protected] |
| Mech. impact protection code | IK02 [0.2 J standard] |

Initial Performance (IEC Compliant)

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|-------------------------------------|----------------------|
| Initial luminous flux (system flux) | 15200 lm |
| Luminous flux tolerance | +/-7.5% |
| Initial LED luminaire efficacy | 108.57 lm/W |
| Init. Corr. Colour Temperature | 4000 K |
| Init. Colour rendering index | 80 |
| Initial chromaticity | (0.38, 0.38) SDCM <5 |
| Initial input power | 140 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

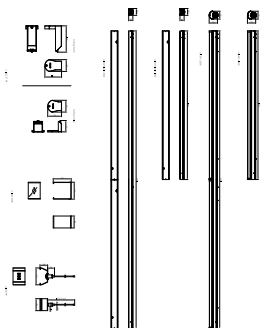
| | |
|-------------------------------|---------------|
| Ambient temperature range | -20 to +35 °C |
| Suitable for random switching | No |

Product Data

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|-----------------------------------|-------------------------------------|
| Full product code | 911401584721 |
| Order product name | LL120X LED140 L3000 NW PSU 5 DA ENG |
| Order code | 01584721 |
| SAP numerator – quantity per pack | 1 |
| Numerator – packs per outer box | 4 |
| SAP material | 911401584721 |
| SAP net weight (piece) | 6.799 kg |



Dimensional drawing



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