



# GreenPerform Trunking

## LL120X LED35 L1500 NW PSU 5 WB ENG

GreenPerform Trunking, 35 W, 3800 lm, 4000 K, Wide beam

With Philips GreenPerform Trunking, industry and supermarket owners have an innovative LED solution that intelligently combines high-performance lighting features with maximized 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      |  | Light Technical                    |  |
|--------------------------|--|------------------------------------|--|
| Lamp family code         | LED38S [LED module, system flux 3800 lm] | Luminous Flux                      | 3,800 lm                                 |
| Light source replaceable | No                                       | Correlated Color Temperature (Nom) | 4000 K                                   |
| Number of gear units     | 1 unit                                   | Luminous Efficacy (rated) (Nom)    | 108.57 lm/W                              |
| Gear                     | -  | Color rendering index (CRI)        | 80                                       |
| Driver included          | Yes                                      | Beam angle of light source         | 90 x 90 degree(s)                        |
| Light source engine type | LED                                      | Light source color                 | Neutral white                            |
| CE mark                  | CE mark                                  | Optic type                         | Wide beam                                |
| Warranty period          | 3 years                                  | Optical cover type                 | Linear-lens array in polycarbonate cover |
| Flammability mark        | -  | Luminaire light beam spread        | 90°                                      |
| ENEC mark                | -  |                                    |  |
| Glow-wire test           | Temperature 650 °C, duration 30 s        | Operating and Electrical           |  |
| EU RoHS compliant        | Yes                                      | Input Voltage                      | 220 to 240 V                             |
|                          |  | Line Frequency                     | 50 to 60 Hz                              |
|                          |  | Initial CLO power consumption      | 36 W                                     |

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|  |                    |
|--|--------------------|
| Average CLO power consumption            | 36 W               |
| Inrush current                           | 19 A               |
| Inrush time                              | 0.275 ms           |
| Power Consumption                        | 35 W               |
| Power Factor (Fraction)                  | 0.9                |
| Connection                               | Internal connector |
| Cable                                    | -                  |
| Number of products on MCB of 16 A type B | 24                 |

Temperature

|                           |               |
|---------------------------|---------------|
| Ambient temperature range | -20 to +35 °C |
|---------------------------|---------------|

Controls and Dimming

|                               |                            |
|-------------------------------|----------------------------|
| Dimmable                      | No                         |
| Driver/power unit/transformer | Power supply unit (On/Off) |
| Control interface             | -                          |
| Constant light output         | Yes                        |

Mechanical and Housing

|                                     |                   |
|-------------------------------------|-------------------|
| Housing Material                    | Aluminum extruded |
| Reflector material                  | -                 |
| Optic material                      | Polycarbonate     |
| Optical cover material              | Polycarbonate     |
| Fixation material                   | Stainless steel   |
| Housing Color                       | White             |
| Optical cover finish                | Clear             |
| Overall length                      | 1,500 mm          |
| Overall width                       | 79 mm             |
| Overall height                      | 83 mm             |
| Dimensions (Height x Width x Depth) | 83 x 79 x 1500 mm |

Approval and Application

|                              |                         |
|------------------------------|-------------------------|
| Ingress protection code      | IP20 [Finger-protected] |
| Mech. impact protection code | IK02 [0.2 J standard]   |
| Protection class IEC         | Safety class I          |

Initial Performance (IEC Compliant)

|                             |                      |
|-----------------------------|----------------------|
| Luminous flux tolerance     | +/-7.5%              |
| Initial chromaticity        | (0.38, 0.38) SDCM <5 |
| Power consumption tolerance | +/-10%               |

Over Time Performance (IEC Compliant)

|                               |                |
|-------------------------------|----------------|
| Driver failure rate at 5000 h | 1 %            |
| Median useful life L70B50     | 50,000 hour(s) |
| Median useful life L80B50     | 40,000 hour(s) |
| Median useful life L90B50     | 20,000 hour(s) |

Application Conditions

|                               |    |
|-------------------------------|----|
| Suitable for random switching | No |
|-------------------------------|----|

Product Data

|                                 |                                    |
|---------------------------------|------------------------------------|
| Order product name              | LL120X LED35 L1500 NW PSU 5 WB ENG |
| Full product name               | LL120X LED35 L1500 NW PSU 5 WB ENG |
| Full product code               | 911401583421                       |
| Order code                      | 911401583421                       |
| Material Nr. (12NC)             | 911401583421                       |
| Numerator - Quantity Per Pack   | 1                                  |
| Numerator - Packs per outer box | 4                                  |

Dimensional drawing



