



Energy-efficient lighting for industrial and commercial applications

GreenPerform Trunking

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.

Benefits

- A system efficacy of 108lm/w, providing up to 50% energy saving when replacing 2 x 58w fluorescent trunking. Designed for 70% lumen maintenance over 50,000 hours ensuring reliable performance over the product lifetime.
- Specially designed plastic caps improve uniformity along the length leading to a more uniform lighting distribution.
- 3 different beam angles available (Double asymmetric / Wide-beam / Opal) enabling you to choose the most optimum solution for different applications.
- An integrated modular design with 3-phase 5-wire connection ensuring easy and flexible installation, and the possibility of controlling each phase separately.

Features

- Philips Fortimo LED Line 1R for high efficiency and reliability
- Advanced optics enable precise and energy-saving beam shapes
- Requires much less packaging than fluorescent

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Application

- Supermarkets
- Warehouses
- Production facilities

Versions



LL120X LED35/LED70 L1500

Application Conditions

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

Approval and Application

Mech. impact protection code	IK02
Ingress protection code	IP20

Operating and Electrical

Input Voltage	220-240 V
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General Information

Beam angle of light source	90 x 90 °
CE mark	CE mark
Protection class IEC	Safety class I (I)
Driver included	Yes
ENEC mark	-
Flammability mark	NO
Gear	-
Glow-wire test	650/30
Lamp family code	LED76S
Light source replaceable	No
Number of gear units	1 unit
Optic type	WB
UL mark	No

Initial Performance (IEC Compliant)

Init. Colour Rendering Index	80
Initial LED luminaire efficacy	108.571 lm/W
Initial luminous flux	7600 lm
Luminous flux tolerance	+/-7.5%
Initial input power	70 W

Mechanical and Housing

Colour	White
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Over Time Performance (IEC Compliant)

Median useful life L80B50	40000 h
Median useful life L90B50	20000 h

Application Conditions

Order Code	Full Product Name	Maximum dim level
911401582021	LL120X LED70 L1500 NW PSU 5 OP ENG	-
911401582221	LL120X LED70 L1500 NW PSU 5 WB ENG	-
911401582921	LL120X LED70 L1500 CW PSD 7 OP ENG	1% (depends on dimmer, ELV)

Controls and Dimming

Order Code	Full Product Name	Dimmable
911401582021	LL120X LED70 L1500 NW PSU 5 OP ENG	No
911401582221	LL120X LED70 L1500 NW PSU 5 WB ENG	No

Order Code	Full Product Name	Dimmable
911401582921	LL120X LED70 L1500 CW PSD 7 OP ENG	Yes

General Information

Order Code	Full Product Name	Optical cover/lens type
911401582021	LL120X LED70 L1500 NW PSU 5 OP ENG	O
911401582221	LL120X LED70 L1500 NW PSU 5 WB ENG	LIN-PC

Order Code	Full Product Name	Optical cover/lens type
911401582921	LL120X LED70 L1500 CW PSD 7 OP ENG	O

Initial Performance (IEC Compliant)

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Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour Temperature
911401582021	LL120X LED70 L1500 NW PSU 5 OP ENG	(0.38, 0.38) SDCM <5	4000 K
911401582221	LL120X LED70 L1500 NW PSU 5 WB ENG	(0.38, 0.38) SDCM <5	4000 K

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour Temperature
911401582921	LL120X LED70 L1500 CW PSD 7 OP ENG	(0.31, 0.32) SDCM <5	6500 K

