

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

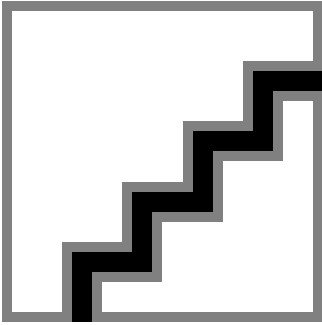
- Philips Fortimo LED Line 1R for high efficiency and reliability
- Advanced optics enable precise and energy-saving beam shapes
- Requires much less packaging than fluorescent

GreenPerform Trunking

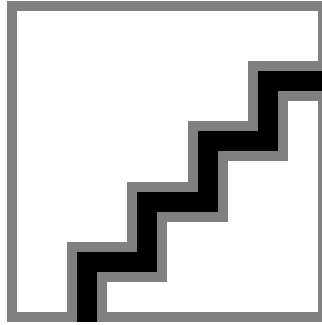
Application

- Supermarkets
- Warehouses
- Production facilities

Versions



LL120X LED35/LED70 L1500



LL120X LED70/LED140 L3000

Application Conditions

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

Approval and Application

Mech. impact protection code	IK02
Ingress protection code	IP20

Controls and Dimming

Dimmable	Yes
----------	-----

Operating and Electrical

Input Voltage	220 to 240 V
---------------	--------------

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
Light source replaceable	No
UL mark	No

Initial Performance (IEC Compliant)

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

Mechanical and Housing

Colour	White
--------	-------

Over Time Performance (IEC Compliant)

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

General Information

Order Code	Full Product Name	Optical cover/ lens type	Lamp family code	Number of gear units	Optic type
911401582621	LL120X LED70 L1500 NW PSD 7 OP ENG	O	LED76S	1 unit	WB
911401582721	LL120X LED70 L1500 NW PSD 7 DA ENG	LIN-PC	LED76S	1 unit	DA
911401582821	LL120X LED70 L1500 NW PSD 7 WB ENG	LIN-PC	LED76S	1 unit	WB
911401583021	LL120X LED70 L1500 CW PSD 7 DA ENG	LIN-PC	LED76S	1 unit	DA
911401583921	LL120X LED35 L1500 NW PSD 7 OP ENG	O	LED38S	1 unit	WB
911401584021	LL120X LED35 L1500 NW PSD 7 DA ENG	LIN-PC	LED38S	1 unit	DA
911401584121	LL120X LED35 L1500 NW PSD 7 WB ENG	LIN-PC	LED38S	1 unit	WB
911401585221	LL120X LED140 L3000 NW PSD 7 OP ENG	O	LED152	2 units	WB
911401585321	LL120X LED140 L3000 NW PSD 7 DA ENG	LIN-PC	LED152	2 units	DA
911401585421	LL120X LED140 L3000 NW PSD 7 WB ENG	LIN-PC	LED152	2 units	WB
911401586321	LL120X LED70 L3000 NW PSD 7 OP ENG	O	LED76S	2 units	WB
911401586421	LL120X LED70 L3000 NW PSD 7 DA ENG	LIN-PC	LED76S	2 units	DA
911401586521	LL120X LED70 L3000 NW PSD 7 WB ENG	LIN-PC	LED76S	2 units	WB

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour Temperature	Initial luminous flux	Initial input power	Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour Temperature	Initial luminous flux	Initial input power
911401582621	LL120X LED70 L1500 NW PSD 7 OP ENG	(0.38, 0.38) SDCM <5	4000 K	7600 lm	70 W	911401582821	LL120X LED70 L1500 NW PSD 7 WB ENG	(0.38, 0.38) SDCM <5	4000 K	7600 lm	70 W
911401582721	LL120X LED70 L1500 NW PSD 7 DA ENG	(0.38, 0.38) SDCM <5	4000 K	7600 lm	70 W	911401583021	LL120X LED70 L1500 CW PSD 7 DA ENG	(0.31, 0.32) SDCM <5	6500 K	7600 lm	70 W

GreenPerform Trunking

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour Temperature	Initial luminous flux	Initial input power
911401583921	LL120X LED35 L1500 NW PSD 7 OP ENG	(0.38, 0.38) SDCM <5	4000 K	3800 lm	35 W
911401584021	LL120X LED35 L1500 NW PSD 7 DA ENG	(0.38, 0.38) SDCM <5	4000 K	3800 lm	35 W
911401584121	LL120X LED35 L1500 NW PSD 7 WB ENG	(0.38, 0.38) SDCM <5	4000 K	3800 lm	35 W
911401585221	LL120X LED140 L3000 NW PSD 7 OP ENG	(0.38, 0.38) SDCM <5	4000 K	15200 lm	140 W
911401585321	LL120X LED140 L3000 NW PSD 7 DA ENG	(0.38, 0.38) SDCM <5	4000 K	15200 lm	140 W
911401585421	LL120X LED140 L3000 NW PSD 7 WB ENG	(0.38, 0.38) SDCM <5	4000 K	15200 lm	140 W
911401586321	LL120X LED70 L3000 NW PSD 7 OP ENG	(0.38, 0.38) SDCM <5	4000 K	7600 lm	70 W
911401586421	LL120X LED70 L3000 NW PSD 7 DA ENG	(0.38, 0.38) SDCM <5	4000 K	7600 lm	70 W
911401586521	LL120X LED70 L3000 NW PSD 7 WB ENG	(0.38, 0.38) SDCM <5	4000 K	7600 lm	70 W

