



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 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.

Benefits

- A system efficacy of 108 lm/w, providing up to 50% energy saving when replacing 2 x 58 w 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

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

Controls and Dimming

Dimmable	No
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Operating and Electrical

Input Voltage	220 to 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
Driver included	Yes
ENEC mark	-
Flammability mark	-
Gear	-
Glow-wire test	Temperature 650 °C, duration 30 s
Light source replaceable	No
UL mark	No

Initial Performance (IEC Compliant)

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

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

General Information

Order Code	Full Product Name	Optical cover/lens type	Lamp family code	Number of gear units	Optic type
911401582021	LL120X LED70 L1500 NW PSU 5 OP ENG	Opal	LED76S	One unit	Wide beam
911401584721	LL120X LED140 L3000 NW PSU 5 DA ENG	Linear-lens array in polycarbonate cover	LED152	Two units	Double asymmetric optic

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial luminous flux	Initial input power
911401582021	LL120X LED70 L1500 NW PSU 5 OP ENG	7600 lm	70 W

Order Code	Full Product Name	Initial luminous flux	Initial input power
911401584721	LL120X LED140 L3000 NW PSU 5 DA ENG	15200 lm	140 W

