



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

- \cdot 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

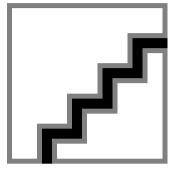
- · Philips Fortimo LED Line 1R for high efficiency and reliability
- · Advanced optics enable precise and energy-saving beam shapes
- · Requires much less packaging than fluorescent

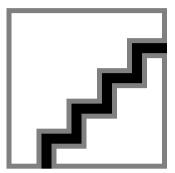
GreenPerform Trunking

Application

- Supermarkets
- Warehouses
- Production facilities

Versions





LL120X LED35/LED70 L1500

LL120X LED70/LED140 L3000

GreenPerform Trunking

Driver failure rate at 5,000 hours Application Conditions Ambient temperature range Suitable for random switching Approval and Application Mech. impact protection code Ingress protection code Controls and Dimming Dimmable	1% -20 to +35 °C No IK02 IP20	
Ambient temperature range Suitable for random switching Approval and Application Mech. impact protection code Ingress protection code Controls and Dimming	No IKO2 IP2O No	
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Approval and Application Mech. impact protection code Ingress protection code Controls and Dimming	IKO2 IP20 No	
Mech. impact protection code Ingress protection code Controls and Dimming	IP20 No	
Mech. impact protection code Ingress protection code Controls and Dimming	IP20 No	
Ingress protection code Controls and Dimming	IP20 No	
Controls and Dimming	No	
Dimmable		
	220 1- 242 14	
	220 +- 240 14	
Operating and Electrical	220 +- 21011	
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	-	
Initial Performance (IEC Compliant	(1)	
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%	
Mochanical and Housing		
Mechanical and Housing	White	
Colour	White	
Over Time Performance (IEC Comp	liant)	
Over Time Performance (IEC Comp		
Median useful life L80B50 Median useful life L90B50	40000 h 20000 h	

General Information

		Optical cover/	Lamp family	Number of gear	Optic
Order Code	Full Product Name	lens type	code	units	type
01582021	LL120X LED70 L1500 NW PSU 5 OP ENG	0	LED76S	1 unit	WB
01582121	LL120X LED70 L1500 NW PSU 5 DA ENG	LIN-PC	LED76S	1 unit	DA
01584521	LL120X LED140 L3000 NW PSU 5 OP ENG	0	LED152	2 units	WB

Initial Performance (IEC Compliant)

		Initial luminous	Initial input
Order Code	Full Product Name	flux	power
01582021	LL120X LED70 L1500 NW PSU 5 OP ENG	7600 lm	70 W
01582121	LL120X LED70 L1500 NW PSU 5 DA ENG	7600 lm	70 W

		Initial luminous	Initial input
Order Code	Full Product Name	flux	power
01584521	LL120X LED140 L3000 NW PSU 5 OP	15200 lm	140 W
	ENG		

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