



GreenPerform Trunking

LL120X LED70 L3000 NW PSD 7 OP ENG

GreenPerform Trunking, 70 W, 7600 lm, 4000 K, Wide beam, DALI

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	LED76S [LED Module, system flux 7600 lm]	Luminous Flux	7,600 lm
Light source replaceable	No	Correlated Color Temperature (Nom)	4000 K
Number of gear units	2 units	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	Opal
Flammability mark	-	Luminaire light beam spread	120°
ENEC mark	-	Operating and Electrical	
Glow-wire test	Temperature 650 °C, duration 30 s	Input Voltage	220 to 240 V
EU RoHS compliant	Yes	Line Frequency	50 to 60 Hz

GreenPerform Trunking

Initial CLO power consumption	72 W
Average CLO power consumption	72 W
Inrush current	44 A
Inrush time	0.275 ms
Power Consumption	70 W
Power Factor (Fraction)	0.9
Connection	Internal connector
Cable	-
Number of products on MCB of 16 A type B	12

Temperature

Ambient temperature range	-20 to +35 °C
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Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
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	Opal
Overall length	3,000 mm
Overall width	79 mm
Overall height	83 mm
Dimensions (Height x Width x Depth)	83 x 79 x 3000 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

Maximum dim level	1% (depends on dimmer, ELV)
Suitable for random switching	No

Product Data

Order product name	LL120X LED70 L3000 NW PSD 7 OP ENG
Full product name	LL120X LED70 L3000 NW PSD 7 OP ENG
Full product code	911401586321
Order code	911401586321
Material Nr. (12NC)	911401586321
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	4

Dimensional drawing



