



GreenPerform Trunking

LL120X LED70 L1500 NW PSU 5 OP ENG

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

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.

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	1 unit	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	-		
Glow-wire test	Temperature 650 °C, duration 30 s	Operating and Electrical	
EU RoHS compliant	Yes	Input Voltage	220 to 240 V
		Line Frequency	50 to 60 Hz
		Initial CLO power consumption	70 W

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Average CLO power consumption	70 W
Inrush current	19 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	24

Temperature

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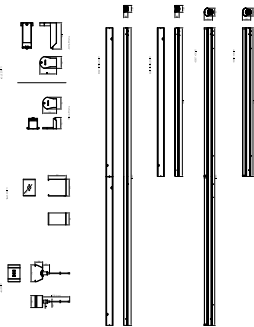
Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Control interface	-
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	1,500 mm
Overall width	79 mm
Overall height	83 mm
Dimensions (Height x Width x Depth)	83 x 79 x 1500 mm

Dimensional drawing



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

Suitable for random switching	No
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Product Data

Order product name	LL120X LED70 L1500 NW PSU 5 OP ENG
Full product name	LL120X LED70 L1500 NW PSU 5 OP ENG
Full product code	911401582021
Order code	01582021
Material Nr. (12NC)	911401582021
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	4

