



# GreenPerform Trunking

## LL120X LED70 L3000 NW PSD 7 DA ENG

LED Module, system flux 7600 lm - Neutral white - Power supply unit with DALI interface - Double asymmetric optic

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	
Lamp family code	LED76S [ LED Module, system flux 7600 lm]
Beam angle of light source	90 x 90 °
Lamp colour code	Neutral white
Light source replaceable	No
Number of gear units	2 units
Gear	-
Driver/power unit/transformer	PSD [ Power supply unit with DALI interface]
Driver included	Yes
Optic type	DA [ Double asymmetric optic]
Optical cover/lens type	LIN-PC [ Linear-lens array in polycarbonate cover]
Luminaire light beam spread	100°
Control interface	DALI
Connection	CI [ Internal connector]
Cable	-
Protection class IEC	Safety class I (I)
Glow-wire test	650/30 [ Temperature 650 °C, duration 30 s]
Flammability mark	NO [ -]
CE mark	CE mark
ENEC mark	-
UL mark	No
Warranty period	3 years
Constant light output	Yes
Spare parts available	No
Number of products on MCB (16 A type B)	12
EU RoHS compliant	Yes

# GreenPerform Trunking

Light source engine type	LED
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## Operating and Electrical

Input Voltage	220 to 240 V
Input frequency	50 to 60 Hz
Initial CLO power consumption	72 W
Average CLO power consumption	72 W
Inrush current	38 A
Inrush time	0.275 ms
Power factor (min.)	0.9
Power factor (nom.)	0.9

## Controls and Dimming

Dimmable	Yes
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## Mechanical and Housing

Housing material	Aluminum extruded
Reflector material	-
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Gear tray material	Steel
Fixation material	Stainless steel
Optical cover/lens finish	Clear
Overall length	3000 mm
Overall width	79 mm
Overall height	83 mm
Colour	White

## Approval and Application

Ingress protection code	IP20 [ Finger-protected]
Mech. impact protection code	IK02 [ 0.2 J standard]

## Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	7600 lm
Luminous flux tolerance	+/-7.5%
Initial LED luminaire efficacy	108.57 lm/W
Lamp colour temperature	4000 K
Colour Rendering Index	80
Initial chromaticity	(0.38, 0.38) SDCM <5
Initial input power	70 W
Power consumption tolerance	+/-10%

## Over Time Performance (IEC Compliant)

Median useful life L70B50	50000 h
Median useful life L80B50	40000 h
Median useful life L90B50	20000 h

## Application Conditions

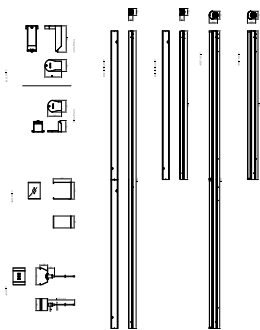
Ambient temperature range	-20 to +35 °C
Maximum dimming level	1% (depends on dimmer, ELV)
Suitable for random switching	No

## Product Data

Full product code	911401586421
Order product name	LL120X LED70 L3000 NW PSD 7 DA ENG
Order code	911401586421
Local order code	LL120X70WNWL3D
SAP numerator – quantity per pack	1
Numerator – packs per outer box	4
SAP material	911401586421
SAP net weight (piece)	6.799 kg



## Dimensional drawing



GreenPerform electr. units LL120X

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