



GreenPerform Trunking

LL120X LED70 L1500 NW PSD 7 WB ENG

LED Module, system flux 7600 lm - Neutral white - Power supply unit with DALI interface - 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			
Lamp family code	LED76S [LED Module, system flux 7600 lm]	Cable	-
Beam angle of light source	90 x 90 °	Protection class IEC	Safety class I (I)
Lamp colour code	Neutral white	Glow-wire test	650/30 [Temperature 650 °C, duration 30 s]
Light source replaceable	No	Flammability mark	NO [-]
Number of gear units	1 unit	CE mark	CE mark
Gear	-	ENEC mark	-
Driver/power unit/transformer	PSD [Power supply unit with DALI interface]	UL mark	No
Driver included	Yes	Warranty period	3 years
Optic type	WB [Wide beam]	Constant light output	Yes
Optical cover/lens type	LIN-PC [Linear-lens array in polycarbonate cover]	Spare parts available	No
Luminaire light beam spread	90°	Number of products on MCB	24
Control interface	DALI	Operating and Electrical	
Connection	CI [Internal connector]	Input voltage	220 to 240 V

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Input frequency	50 to 60 Hz
Initial CLO power consumption	70 W
Average CLO power consumption	70 W
Inrush current	22 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	1500 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	7600 lm
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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	911401582821
Order product name	LL120X LED70 L1500 NW PSD 7 WB ENG
Order code	911401582821
Numerator – quantity per pack	1
Numerator – packs per outer box	4
Material no. (12NC)	911401582821
Net weight (piece)	3.399 kg



Dimensional drawing



GreenPerform electr. units LL120X

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