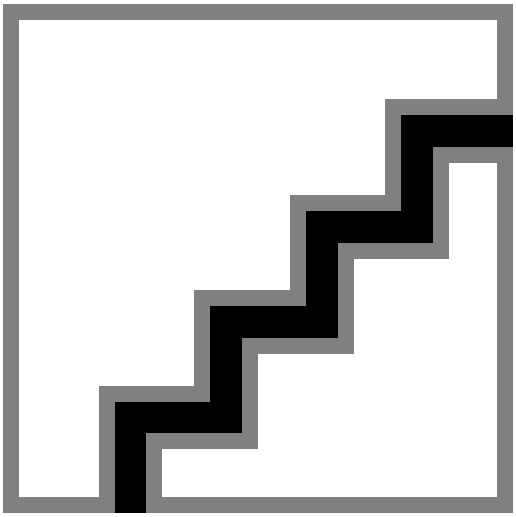


GreenPerform Trunking

LL120X LED70 L1500 NW PSD 7 DA ENG

GreenPerform Trunking, 70 W, 7600 lm, 4000 K, Double asymmetric optic, 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	
Lamp family code	LED76S [LED Module, system flux 7600 lm]
Light source replaceable	No
Number of gear units	1 unit
Gear	-
Driver included	Yes
Light source engine type	LED
CE mark	CE mark
Warranty period	3 years
Flammability mark	-
ENEC mark	-
Glow-wire test	Temperature 650 °C, duration 30 s
EU RoHS compliant	Yes

Light Technical	
Luminous Flux	7,600 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	108.57 lm/W
Color rendering index (CRI)	80
Beam angle of light source	90 x 90 degree(s)
Light source color	Neutral white
Optic type	Double asymmetric optic
Optical cover type	Linear-lens array in polycarbonate cover
Luminaire light beam spread	100°

Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz

GreenPerform Trunking

Initial CLO power consumption	70 W
Average CLO power consumption	70 W
Inrush current	22 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

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	Clear
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

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 h
Median useful life L80B50	40,000 h
Median useful life L90B50	20,000 h

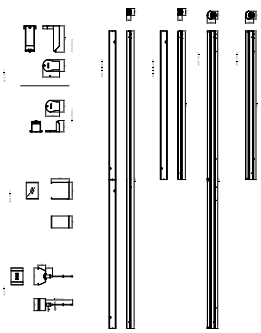
Application Conditions

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

Product Data

Order product name	LL120X LED70 L1500 NW PSD 7 DA ENG
Full product name	LL120X LED70 L1500 NW PSD 7 DA ENG
Full product code	911401582721
Order code	911401582721
Material Nr. (12NC)	911401582721
Local order code	LL120X70WNWL15D
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	4

Dimensional drawing



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2023, April 29 - data subject to change