PHILIPS Lighting



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	
Lamp family code	LED76S [LED Module, system flux 7600 lm]
Light source replaceable	No
Number of gear units	2 units
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	Wide beam
Optical cover type	Opal
Luminaire light beam spread	120°
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz

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72 W
72 W
44 A
0.275 ms
70 W
0.9
Internal connector
-
12

Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Protection class IEC	Safety class I
Initial Performance (IEC Complia	nt)
Luminous flux tolerance	+/-7.5%
Initial chromaticity	(0.38, 0.38) SDCM <5
Power consumption tolerance	+/-10%
Over Time Performance (IEC Con	npliant)
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 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
Local order code	LL120X70WNWL3O
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	4

Approval and Application

Temperature

Ambient temperature range

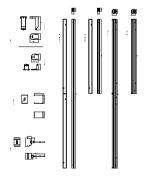
Yes
Power supply unit with DALI interface
DALI
Yes

-20 to +35 °C

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

Dimensional drawing



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