

PHILIPS

Indoor Lighting

GreenPerform
Trunking



Aceites
Vinagres



Versatile, modular
and **energy-efficient**
trunking system



A high-performance, energy-efficient lighting system

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.

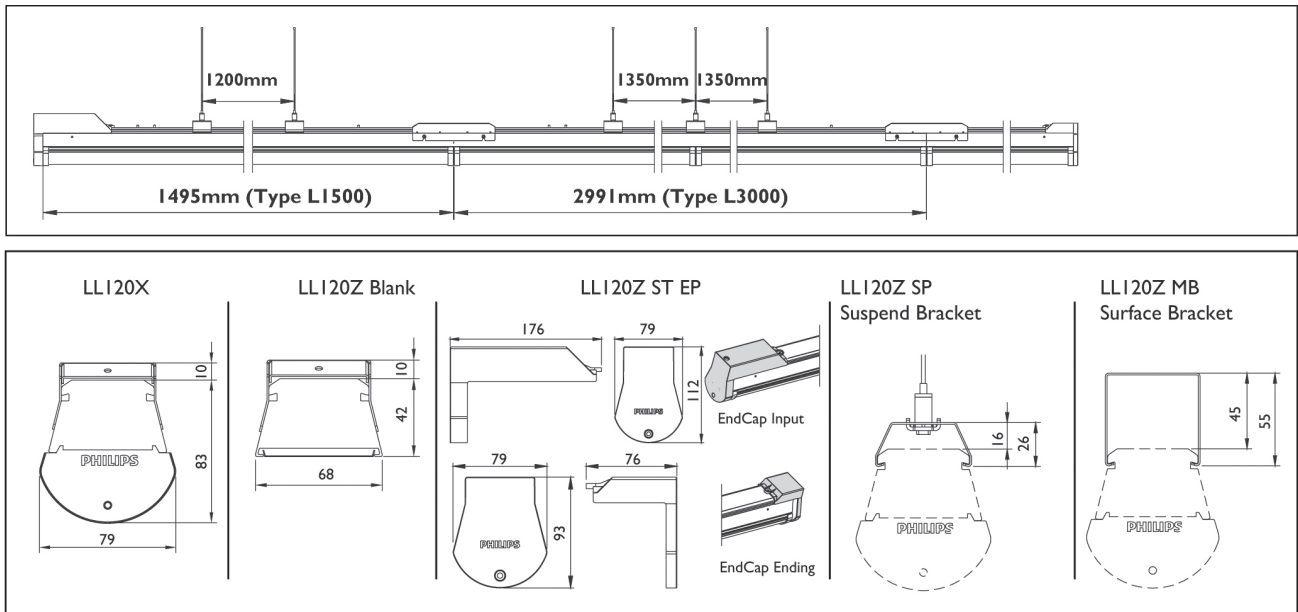
Suitable for a wide range of applications, GreenPerform Trunking is safe, reliable, and versatile, the perfect direct replacement for conventional fluorescent trunking.

Features & Benefits

- A system efficacy of 108lm/w, providing up to 50% energy saving when replacing 2 x 58w fluorescent trunking.
- Specially designed plastic caps improve uniformity along the length leading to a more uniform lighting distribution.
- 3 different beam angles available (Double asymmetric / Wide-beam / Opal) enabling you to choose the most optimum solution for different applications.
- An integrated modular design with 3-phase 5-wire connection ensuring easy and flexible installation, and the possibility of controlling each phase separately.
- Designed for 70% lumen maintenance over 50,000 hours ensuring reliable performance over the product lifetime.

Dimensional drawing

Unit in mm



Applications

- Production line and assembly line
- Warehouses
- Retail stores like supermarkets and shopping malls



Product data

General Characteristics

Model	GreenPerform Trunking - LL120X
Classifications	Class I
Specification	High lumen output (HLO) ; 2x58W/ 2x49W replacement Standard output (S.O) ; 2x36W/ 2x28W replacement

Light Technical Characteristics

System output	7600lm, 15200lm (HLO) 3800lm, 7600lm (S.O)
SDCM	SDCM<4
CCT	CW (6500K)/ NW (4000K)
CRI	CRI.85
Optic	DA / WB/ OPAL

Electrical Characteristics

System Efficacy	108lm/W
System Wattage	70W,140W(HLO) 35W,70W(S.O)
Control	PSU/ DALI
Power factor	>0.9
Input voltage	220-240V, 50/60 Hz
Cabling	cable with 3-phase and 5-wire, rated 10A for each phase

Mechanical

IP	IP20
Track	Extrusion Aluminum
Endcap	Injection PC
Optical Cover	PC
Bracket	SUS301 stainless steel

Product Data

Lifetime	50000 hrs(L70)
Ta.	-20°C ~ 40°C
Installation	suspended, surfaced
Maximum installation quantity (Piece)	72, 26 (HLO) 144, 72 (S.O)
Maximum connection length (PSU)	108m (HLO) 216m (S.O)
Maximum connection length (PSD)	90m
Certification	CCC/ CB/ EMC/ CE

Product Data

	12NC	Description
Ordering Information (Fixed Version)	911401583221	LL120X LED35 L1500 NW PSU 5 OP ENG
	911401583321	LL120X LED35 L1500 NW PSU 5 DA ENG
	911401583421	LL120X LED35 L1500 NW PSU 5 WB ENG
	911401583521	LL120X LED35 L1500 CW PSU 5 OP ENG
	911401583721	LL120X LED35 L1500 CW PSU 5 DA ENG
	911401583821	LL120X LED35 L1500 CW PSU 5 WB ENG
	911401582021	LL120X LED70 L1500 NW PSU 5 OP ENG
	911401582121	LL120X LED70 L1500 NW PSU 5 DA ENG
	911401582221	LL120X LED70 L1500 NW PSU 5 WB ENG
	911401582321	LL120X LED70 L1500 CW PSU 5 OP ENG
	911401582421	LL120X LED70 L1500 CW PSU 5 DA ENG
	911401582521	LL120X LED70 L1500 CW PSU 5 WB ENG
	911401583621	LL120X LED70 L3000 NW PSU 5 OP ENG
	911401585821	LL120X LED70 L3000 NW PSU 5 DA ENG
	911401585921	LL120X LED70 L3000 NW PSU 5 WB ENG
	911401586021	LL120X LED70 L3000 CW PSU 5 OP ENG
	911401586121	LL120X LED70 L3000 CW PSU 5 DA ENG
	911401586221	LL120X LED70 L3000 CW PSU 5 WB ENG
	911401584521	LL120X LED140 L3000 NW PSU 5 OP ENG
	911401584721	LL120X LED140 L3000 NW PSU 5 DA ENG
Ordering Information (Dimmable Version)	911401584821	LL120X LED140 L3000 NW PSU 5 WB ENG
	911401584921	LL120X LED140 L3000 CW PSU 5 OP ENG
	911401585021	LL120X LED140 L3000 CW PSU 5 DA ENG
	911401585121	LL120X LED140 L3000 CW PSU 5 WB ENG
	911401583921	LL120X LED35 L1500 NW PSD 7 OP ENG
	911401584021	LL120X LED35 L1500 NW PSD 7 DA ENG
	911401584121	LL120X LED35 L1500 NW PSD 7 WB ENG
	911401584221	LL120X LED35 L1500 CW PSD 7 OP ENG
	911401584321	LL120X LED35 L1500 CW PSD 7 DA ENG
	911401584421	LL120X LED35 L1500 CW PSD 7 WB ENG
	911401582621	LL120X LED70 L1500 NW PSD 7 OP ENG
	911401582721	LL120X LED70 L1500 NW PSD 7 DA ENG
	911401582821	LL120X LED70 L1500 NW PSD 7 WB ENG
	911401582921	LL120X LED70 L1500 CW PSD 7 OP ENG
	911401583021	LL120X LED70 L1500 CW PSD 7 DA ENG
	911401583121	LL120X LED70 L1500 CW PSD 7 WB ENG
	911401586321	LL120X LED70 L3000 NW PSD 7 OP ENG
	911401586421	LL120X LED70 L3000 NW PSD 7 DA ENG
	911401586521	LL120X LED70 L3000 NW PSD 7 WB ENG
	911401586621	LL120X LED70 L3000 CW PSD 7 OP ENG
	911401584621	LL120X LED70 L3000 CW PSD 7 DA ENG
	911401586721	LL120X LED70 L3000 CW PSD 7 WB ENG
	911401585221	LL120X LED140 L3000 NW PSD 7 OP ENG
	911401585321	LL120X LED140 L3000 NW PSD 7 DA ENG
	911401585421	LL120X LED140 L3000 NW PSD 7 WB ENG
	911401585521	LL120X LED140 L3000 CW PSD 7 OP ENG
	911401585621	LL120X LED140 L3000 CW PSD 7 DA ENG
	911401585721	LL120X LED140 L3000 CW PSD 7 WB ENG

Accessories

12NC	Description	Remark
911401559821	LL120Z PSU L1500	1.5m, PSU, blank track
911401560021	LL120Z PSU L3000	3.0m, PSU, blank track
911401559921	LL120Z PSD L1500	1.5m, PSD, blank track
911401560121	LL120Z PSD L3000	3.0m, PSD, blank track
911401554621	LL120Z PSU ST EP	PSU starting track (end cap)
911401554721	LL120Z PSD ST EP	PSD starting track (end cap)
911401554921	LL120Z MB	Mounting bracket (1 piece) (1.5m luminaire needs 2 pieces, 3m luminaire needs 3 pieces)
911401554821	LL120Z SP	Steel & pole (1 piece) (1.5m luminaire needs 2 pieces, 3m luminaire needs 3 pieces)

