Innovative LED light lines have never been so simple

CoreLine trunking gen2.5

CoreLine Trunking gen2 is a light-line system that is designed for simplicity. It comes in a choice of lengths, flux packages and beam shapes to suit every project and application. Easy to use and integrate with spots and sensors, CoreLine Trunking gen2 provides consistent, high-quality lighting with added protection against accidental water ingress. The innovative system is also easy to assemble and install for faster retrofits and refurbishments

Benefits
- Simplicity – easy to understand architecture
- Wide portfolio offer including emergency lighting options
- Consistent, high-quality light without colour or striping artefacts
- Easy to order, fast to assemble and install
- InterAct ready for enhanced use in Retail and Industry applications
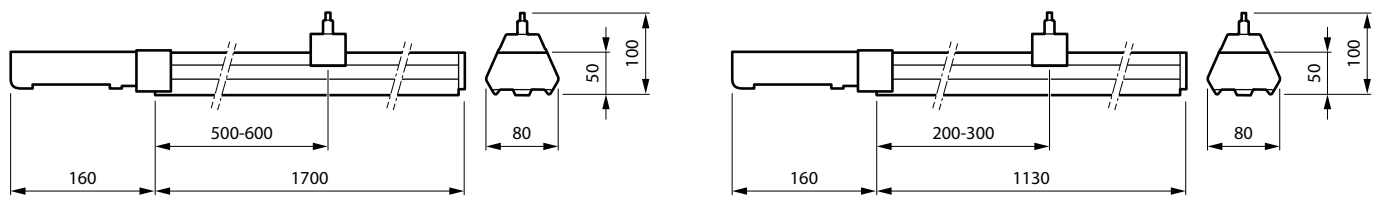- Fully compliant with relevant norms

Features
- Intuitive, single layer architecture – only two 12NCs needed to create a line
- Choice of 3 lengths, each with 3 flux packages
- 8 different optics with consistent light quality
- Dedicated sensor units to upgrade to Interact system propositions
- Lumen maintenance @ 50,000 hours – L85
- Available as trunking and standalone versions

Application
- Food and large retailers
- Manufacturing
- Warehouses

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Dimensional drawing

General Information

Driver included	Yes
Number of gear units	Unit

Light Technical

Beam angle of light source	120 degree(s)
Correlated Colour Temperature (Nom)	4000 K
Colour rendering index (CRI)	>80
Optic type	Wide beam

Operating and Electrical

Protection class IEC	Safety class I
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Suitable for random switching	Not applicable

Mechanical and Housing

Housing Colour	White
Mech. impact protection code	IK02
Ingress protection code	IP20

Approval and Application

Ambient temperature range	–20 to +35 °C
CE mark	Yes
ENEC mark	ENEC plus mark
Flammability mark	–
Glow-wire test	Temperature 850 °C, duration 30 s

Initial Performance (IEC Compliant)

Initial chromaticity	(0.38, 0.38) SDCM <3
Luminous flux tolerance	+/–10%

Light Technical

Order Code	Full Product Name	Luminous efficacy (rated) (nom.)	Luminous Flux
910925870121	LL241X 80S/840 HE PSU WB 5x1.5 WH	180 lm/W	8,000 lm
910925870122	LL242X 80S/840 NE DIA WB 7x1.5 WH	160 lm/W	8,000 lm
910925870125	LL242X 80S/840 UE DIA WB 7x1.5 WH	186 lm/W	8,000 lm
910925870126	LL242X 80S/840 HE PSU WB 5x1.5 WH	182 lm/W	8,000 lm
910925870127	LL242X 120S/840 UE DIA WB 7x1.5 WH	185 lm/W	12,000 lm

Operating and Electrical

Order Code	Full Product Name	Power Consumption
910925870121	LL241X 80S/840 HE PSU WB 5x1.5 WH	44.5 W

Order Code	Full Product Name	Power Consumption
910925870122	LL242X 80S/840 NE DIA WB 7x1.5 WH	50 W

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Order Code	Full Product Name	Power Consumption
910925870125	LL242X 80S/840 UE DIA WB 7x1.5 WH	43 W
910925870126	LL242X 80S/840 HE PSU WB 5x1.5 WH	44 W

Order Code	Full Product Name	Power Consumption
910925870127	LL242X 120S/840 UE DIA WB 7x1.5 WH	65 W

Controls and Dimming

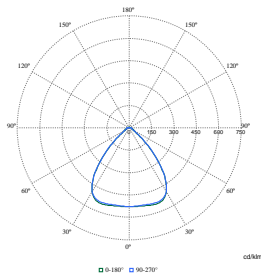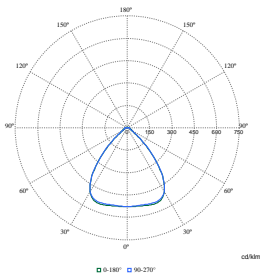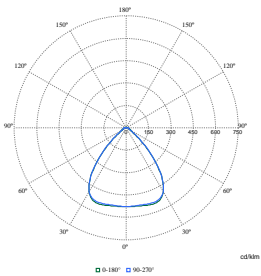| Order Code	Full Product Name	Dimmable	Maximum dim level
910925870121	LL241X 80S/840 HE PSU WB 5x1.5 WH	No	Not applicable
910925870122	LL242X 80S/840 NE DIA WB 7x1.5 WH	Yes	1%
910925870125	LL242X 80S/840 UE DIA WB 7x1.5 WH	Yes	1%

Order Code	Full Product Name	Dimmable	Maximum dim level
910925870126	LL242X 80S/840 HE PSU WB 5x1.5 WH	No	Not applicable
910925870127	LL242X 120S/840 UE DIA WB 7x1.5 WH	Yes	1%

Product Data

Order Code	Full Product Name	Product family code
910925870121	LL241X 80S/840 HE PSU WB 5x1.5 WH	LL241X
910925870122	LL242X 80S/840 NE DIA WB 7x1.5 WH	LL242X
910925870125	LL242X 80S/840 UE DIA WB 7x1.5 WH	LL242X

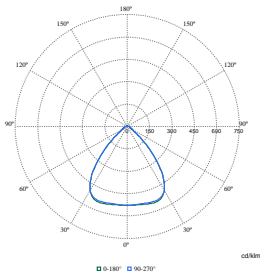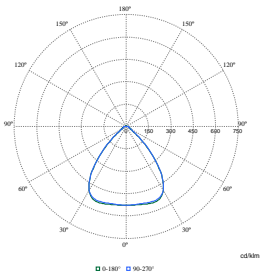| Order Code	Full Product Name	Product family code
910925870126	LL242X 80S/840 HE PSU WB 5x1.5 WH	LL242X
910925870127	LL242X 120S/840 UE DIA WB 7x1.5 WH	LL242X

Polar Wide Diagrams

Polar Normal (separate) – LL240XI – 910925870126

Polar Normal (separate) – LL240XI – 910925870125

Polar Normal (separate) – LL240XI – 910925870122

Polar Normal (separate) – LL240XI – 910925870127

Polar Normal (separate) – LL240XI – 910925870121

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2025, August 1 – data subject to change