



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

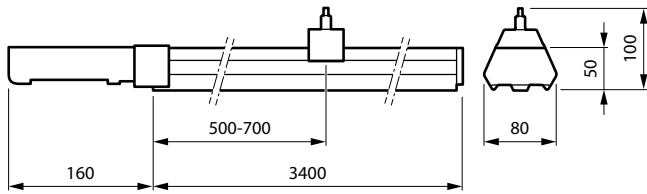
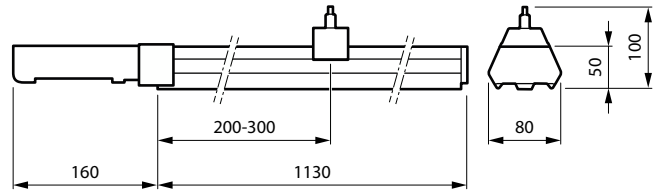
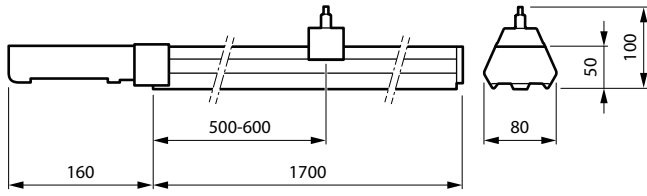
- Intuitive, single layer architecture – only two 12NCs needed to create a line
- Choice of 3 lengths, each with 3 flux packages
- 8 different optics with consistent light quality
- Dedicated sensor units to upgrade to Interact system propositions
- Lumen maintenance @ 50,000 hours – L85
- Available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

Application

- Food and large retailers
- Manufacturing
- Warehouses

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Dimensional drawing



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General Information

Driver included	Yes
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Light Technical

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

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%

General Information

Order Code	Full Product Name	Number of gear units
910925870146	LL243X 160S/840 UE PSU WB BV WH	Unit
910925870147	LL243X 160S/840 UE DIA WB BV WH	Unit
910925870150	LL243X 240S/840 HE PSU NB BV WH	2 units
910925870151	LL243X 240S/840 UE DIA NB BV WH	2 units
910925870121	LL241X 80S/840 HE PSU WB 5x1.5 WH	Unit
910925870122	LL242X 80S/840 NE DIA WB 7x1.5 WH	Unit
910925870125	LL242X 80S/840 UE DIA WB 7x1.5 WH	Unit
910925870126	LL242X 80S/840 HE PSU WB 5x1.5 WH	Unit
910925870127	LL242X 120S/840 UE DIA WB 7x1.5 WH	Unit

Light Technical

Order Code	Full Product Name	Luminous efficacy (rated) (nom.)	Luminous Flux	Optic type
910925870146	LL243X 160S/840 UE PSU WB BV WH	195 lm/W	16,000 lm	Wide beam
910925870147	LL243X 160S/840 UE DIA WB BV WH	200 lm/W	16,000 lm	Wide beam
910925870150	LL243X 240S/840 HE PSU NB BV WH	182 lm/W	24,000 lm	Narrow beam
910925870151	LL243X 240S/840 UE DIA NB BV WH	188 lm/W	24,000 lm	Narrow beam
910925870121	LL241X 80S/840 HE PSU WB 5x1.5 WH	180 lm/W	8,000 lm	Wide beam

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

Operating and Electrical

Order Code	Full Product Name	Power Consumption
910925870146	LL243X 160S/840 UE PSU WB BV WH	82 W

Order Code	Full Product Name	Power Consumption
910925870147	LL243X 160S/840 UE DIA WB BV WH	80 W

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Order Code	Full Product Name	Power Consumption
910925870150	LL243X 240S/840 HE PSU NB BV WH	132 W
910925870151	LL243X 240S/840 UE DIA NB BV WH	128 W
910925870121	LL241X 80S/840 HE PSU WB 5x1.5 WH	44.5 W
910925870122	LL242X 80S/840 NE DIA WB 7x1.5 WH	50 W

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
910925870127	LL242X 120S/840 UE DIA WB 7x1.5 WH	65 W

Controls and Dimming

Order Code	Full Product Name	Dimmable	Maximum dim level
910925870146	LL243X 160S/840 UE PSU WB BV WH	No	Not applicable
910925870147	LL243X 160S/840 UE DIA WB BV WH	Yes	1%
910925870150	LL243X 240S/840 HE PSU NB BV WH	No	Not applicable
910925870151	LL243X 240S/840 UE DIA NB BV WH	Yes	1%
910925870121	LL241X 80S/840 HE PSU WB 5x1.5 WH	No	Not applicable

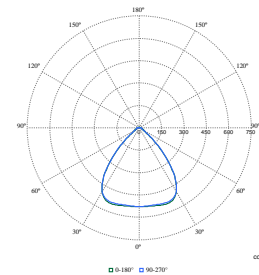
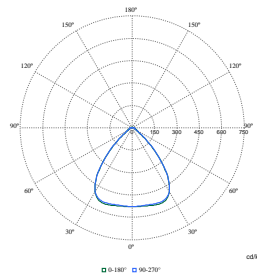
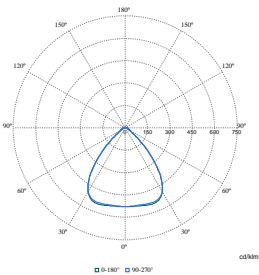
Order Code	Full Product Name	Dimmable	Maximum dim level
910925870122	LL242X 80S/840 NE DIA WB 7x1.5 WH	Yes	1%
910925870125	LL242X 80S/840 UE DIA WB 7x1.5 WH	Yes	1%
910925870126	LL242X 80S/840 HE PSU WB 5x1.5 WH	No	Not applicable
910925870127	LL242X 120S/840 UE DIA WB 7x1.5 WH	Yes	1%

Product Data

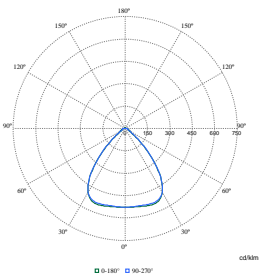
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910925870146	LL243X 160S/840 UE PSU WB BV WH	LL243X
910925870147	LL243X 160S/840 UE DIA WB BV WH	LL243X
910925870150	LL243X 240S/840 HE PSU NB BV WH	LL243X
910925870151	LL243X 240S/840 UE DIA NB BV WH	LL243X
910925870121	LL241X 80S/840 HE PSU WB 5x1.5 WH	LL241X

Order Code	Full Product Name	Product family code
910925870122	LL242X 80S/840 NE DIA WB 7x1.5 WH	LL242X
910925870125	LL242X 80S/840 UE DIA WB 7x1.5 WH	LL242X
910925870126	LL242X 80S/840 HE PSU WB 5x1.5 WH	LL242X
910925870127	LL242X 120S/840 UE DIA WB 7x1.5 WH	LL242X

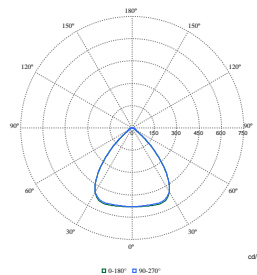
Polar Wide Diagrams



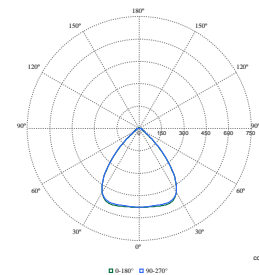
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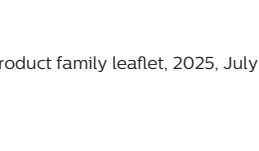
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Polar Normal (separate) - LL240XI - 910925870122



Polar Normal (separate) - LL240XI - 910925870127



Polar Normal (separate) - LL240XI - 910925870146

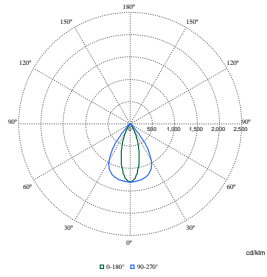


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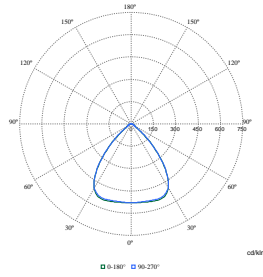


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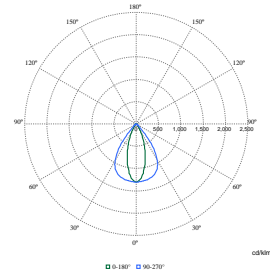
Polar Wide Diagrams



**Polar Normal (separate) - LL240XI -
910925870150**



**Polar Normal (separate) - LL240XI -
910925870147**



**Polar Normal (separate) - LL240XI -
910925870151**

