



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 color 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

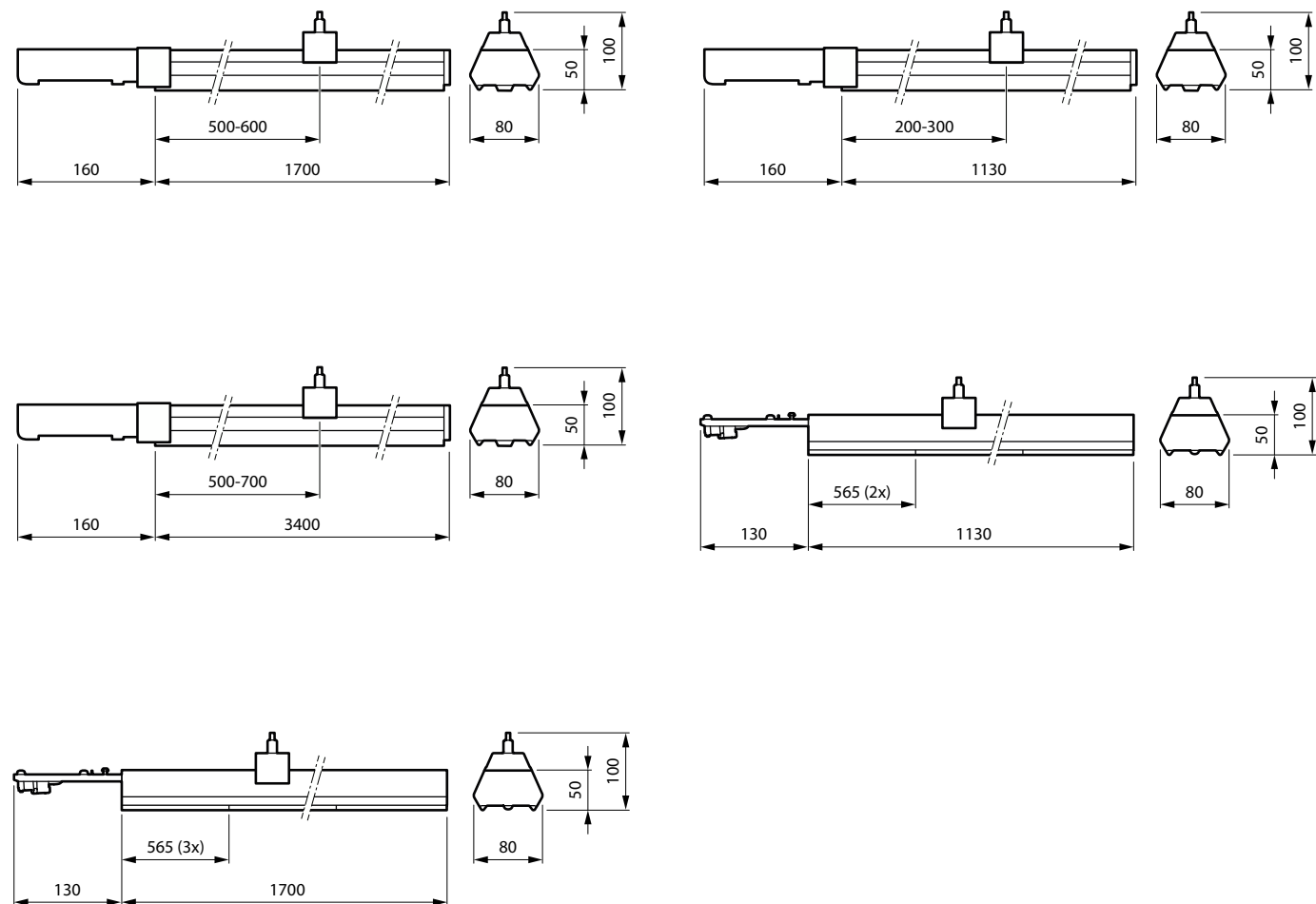
- Intuitive, single layer architecture – only #2 12NCs needed to create a line
- Choice of 3 lengths, each with 3 flux packages
- 8 different optics with consistent light quality
- Dedicated sensor units to upgrade to Interact system propositions
- Lumen maintenance @ 50,000 hours – L85
- Available as trunking and standalone versions

Application

- Food and Large Retailers
- Manufacturing
- Warehouses

CoreLine trunking gen2.5

Dimensional drawing



Product details



Coreline trunking gen2.5 coupling

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General Information	
Driver included	Yes
Light Technical	
Beam angle of light source	120 degree(s)
Correlated Color Temperature (Nom)	4000 K
Color 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 Color	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	1 unit
910925870147	LL243X 160S/840 UE DIA WB BV WH	1 unit
910925870148	LL243X 160S/840 UE PSU NB BV WH	1 unit
910925870149	LL243X 160S/840 UE DIA NB BV WH	1 unit
910925870150	LL243X 240S/840 HE PSU NB BV WH	2 units
910925870151	LL243X 240S/840 UE DIA NB BV WH	2 units
910925870152	LL243X 160S/840 NE PSU WB BV WH	1 unit
910925870153	LL243X 160S/840 NE DIA WB BV WH	1 unit
910925870154	LL243X 160S/840 NE PSU NB BV WH	1 unit
910925870155	LL243X 160S/840 NE DIA NB BV WH	1 unit
910925870120	LL241X 53S/840 PSU NE WB 5x1.5 WH	1 unit
910925870121	LL241X 80S/840 HE PSU WB 5x1.5 WH	1 unit
910925870122	LL242X 80S/840 NE DIA WB 7x1.5 WH	1 unit
910925870123	LL242X 45S/840 UE DIA WB 7x1.5 WH	1 unit
910925870124	LL242X 45S/840 UE PSU WB 5x1.5 WH	1 unit
910925870125	LL242X 80S/840 UE DIA WB 7x1.5 WH	1 unit
910925870126	LL242X 80S/840 HE PSU WB 5x1.5 WH	1 unit
910925870127	LL242X 120S/840 UE DIA WB 7x1.5 WH	1 unit
910925870128		1 unit
910925870129		1 unit
910925870130	LL242X 120S/840 HE PSU O 5x1.5 WH	1 unit
910925870131		1 unit
910925870132	LL243X 90S/840 UE DIA WB 7x1.5 WH	1 unit
910925870133	LL243X 90S/840 UE PSU WB 5x1.5 WH	1 unit
910925870134		1 unit
910925870135		1 unit
910925870136		2 units
910925870137		2 units
910925870138	LL243X 160S/840 UE DIA NB 7x1.5 WH	1 unit
910925870139	LL243X 160S/840 UE PSU NB 5x1.5 WH	1 unit
910925870140	LL243X 240S/840 UE DIA NB 7x1.5 WH	2 units
910925870141	LL243X 240S/840 HE PSU NB 5x1.5 WH	2 units
910925870142	LL243X 160S/840 UE DIA O 7x1.5 WH	1 unit
910925870143	LL243X 160S/840 HE PSU O 5x1.5 WH	1 unit
910925870144	LL243X 240S/840 HE DIA O 7x1.5 WH	2 units
910925870145	LL243X 240S/840 HE PSU O 5x1.5 WH	2 units

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
910925870148	LL243X 160S/840 UE PSU NB BV WH	195 lm/W	16,000 lm	Narrow beam
910925870149	LL243X 160S/840 UE DIA NB BV WH	200 lm/W	16,000 lm	Narrow beam

Order Code	Full Product Name	Luminous Efficacy (rated)		
		(Nom)	Luminous Flux	Optic type
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
910925870152	LL243X 160S/840 NE PSU WB BV WH	160 lm/W	16,000 lm	Wide beam
910925870153	LL243X 160S/840 NE DIA WB BV WH	160 lm/W	16,000 lm	Wide beam

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Order Code	Full Product Name	Luminous Efficacy (rated)	Luminous Flux	Optic type
		(Nom)		
910925870154	LL243X 160S/840 NE PSU NB BV WH	160 lm/W	16,000 lm	Narrow beam
910925870155	LL243X 160S/840 NE DIA NB BV WH	160 lm/W	16,000 lm	Narrow beam
910925870120	LL241X 53S/840 PSU NE WB 5x1.5 WH	156 lm/W	5,300 lm	Wide beam
910925870121	LL241X 80S/840 HE PSU WB 5x1.5 WH	180 lm/W	8,000 lm	Wide beam
910925870122	LL242X 80S/840 NE DIA WB 7x1.5 WH	160 lm/W	8,000 lm	Wide beam
910925870123	LL242X 45S/840 UE DIA WB 7x1.5 WH	188 lm/W	4,500 lm	Wide beam
910925870124	LL242X 45S/840 UE PSU WB 5x1.5 WH	191 lm/W	4,500 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
910925870128		185 lm/W	12,000 lm	Wide beam
910925870129		169 lm/W	11,000 lm	Opal
910925870130	LL242X 120S/840 HE PSU O 5x1.5 WH	169 lm/W	11,000 lm	Opal
910925870131		160 lm/W	16,000 lm	Wide beam

Order Code	Full Product Name	Luminous Efficacy (rated)	Luminous Flux	Optic type
		(Nom)		
910925870132	LL243X 90S/840 UE DIA WB 7x1.5 WH	198 lm/W	9,000 lm	Wide beam
910925870133	LL243X 90S/840 UE PSU WB 5x1.5 WH	200 lm/W	9,000 lm	Wide beam
910925870134		200 lm/W	16,000 lm	Wide beam
910925870135		195 lm/W	16,000 lm	Wide beam
910925870136		188 lm/W	24,000 lm	Wide beam
910925870137		182 lm/W	24,000 lm	Wide beam
910925870138	LL243X 160S/840 UE DIA NB 7x1.5 WH	200 lm/W	16,000 lm	Narrow beam
910925870139	LL243X 160S/840 UE PSU NB 5x1.5 WH	195 lm/W	16,000 lm	Narrow beam
910925870140	LL243X 240S/840 UE DIA NB 7x1.5 WH	188 lm/W	24,000 lm	Narrow beam
910925870141	LL243X 240S/840 HE PSU NB 5x1.5 WH	182 lm/W	24,000 lm	Narrow beam
910925870142	LL243X 160S/840 UE DIA O 7x1.5 WH	188 lm/W	15,000 lm	Opal
910925870143	LL243X 160S/840 HE PSU O 5x1.5 WH	183 lm/W	15,000 lm	Opal
910925870144	LL243X 240S/840 HE DIA O 7x1.5 WH	176 lm/W	22,500 lm	Opal
910925870145	LL243X 240S/840 HE PSU O 5x1.5 WH	170 lm/W	22,500 lm	Opal

Operating and Electrical

Order Code	Full Product Name	Power Consumption
910925870146	LL243X 160S/840 UE PSU WB BV WH	82 W
910925870147	LL243X 160S/840 UE DIA WB BV WH	80 W
910925870148	LL243X 160S/840 UE PSU NB BV WH	82 W
910925870149	LL243X 160S/840 UE DIA NB BV WH	80 W
910925870150	LL243X 240S/840 HE PSU NB BV WH	132 W
910925870151	LL243X 240S/840 UE DIA NB BV WH	128 W
910925870152	LL243X 160S/840 NE PSU WB BV WH	100 W
910925870153	LL243X 160S/840 NE DIA WB BV WH	100 W
910925870154	LL243X 160S/840 NE PSU NB BV WH	100 W
910925870155	LL243X 160S/840 NE DIA NB BV WH	100 W
910925870120	LL241X 53S/840 PSU NE WB 5x1.5 WH	34 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
910925870123	LL242X 45S/840 UE DIA WB 7x1.5 WH	24 W
910925870124	LL242X 45S/840 UE PSU WB 5x1.5 WH	23.5 W
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

Order Code	Full Product Name	Power Consumption
910925870128		65 W
910925870129		65 W
910925870130	LL242X 120S/840 HE PSU O 5x1.5 WH	65 W
910925870131		100 W
910925870132	LL243X 90S/840 UE DIA WB 7x1.5 WH	45.5 W
910925870133	LL243X 90S/840 UE PSU WB 5x1.5 WH	45 W
910925870134		80 W
910925870135		82 W
910925870136		128 W
910925870137		132 W
910925870138	LL243X 160S/840 UE DIA NB 7x1.5 WH	80 W
910925870139	LL243X 160S/840 UE PSU NB 5x1.5 WH	82 W
910925870140	LL243X 240S/840 UE DIA NB 7x1.5 WH	128 W
910925870141	LL243X 240S/840 HE PSU NB 5x1.5 WH	132 W
910925870142	LL243X 160S/840 UE DIA O 7x1.5 WH	80 W
910925870143	LL243X 160S/840 HE PSU O 5x1.5 WH	82 W
910925870144	LL243X 240S/840 HE DIA O 7x1.5 WH	128 W
910925870145	LL243X 240S/840 HE PSU O 5x1.5 WH	132 W

Controls and Dimming

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Order Code	Full Product Name	Maximum dim	
		Dimmable	level
910925870146	LL243X 160S/840 UE PSU WB BV WH	No	Not applicable
910925870147	LL243X 160S/840 UE DIA WB BV WH	Yes	1%
910925870148	LL243X 160S/840 UE PSU NB BV WH	No	Not applicable
910925870149	LL243X 160S/840 UE DIA NB 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%
910925870152	LL243X 160S/840 NE PSU WB BV WH	No	Not applicable
910925870153	LL243X 160S/840 NE DIA WB BV WH	Yes	1%
910925870154	LL243X 160S/840 NE PSU NB BV WH	No	Not applicable
910925870155	LL243X 160S/840 NE DIA NB BV WH	Yes	1%
910925870120	LL241X 53S/840 PSU NE WB 5x1.5 WH	No	Not applicable
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%
910925870123	LL242X 45S/840 UE DIA WB 7x1.5 WH	Yes	1%
910925870124	LL242X 45S/840 UE PSU WB 5x1.5 WH	No	Not applicable
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%

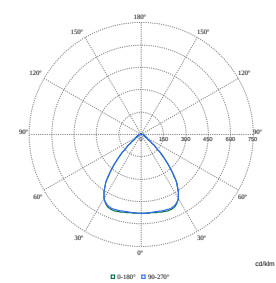
Order Code	Full Product Name	Maximum dim	
		Dimmable	level
910925870128		No	Not applicable
910925870129		Yes	1%
910925870130	LL242X 120S/840 HE PSU O 5x1.5 WH	No	Not applicable
910925870131		Yes	1%
910925870132	LL243X 90S/840 UE DIA WB 7x1.5 WH	Yes	1%
910925870133	LL243X 90S/840 UE PSU WB 5x1.5 WH	No	Not applicable
910925870134		Yes	1%
910925870135		No	Not applicable
910925870136		Yes	1%
910925870137		No	Not applicable
910925870138	LL243X 160S/840 UE DIA NB 7x1.5 WH	Yes	1%
910925870139	LL243X 160S/840 UE PSU NB 5x1.5 WH	No	Not applicable
910925870140	LL243X 240S/840 UE DIA NB 7x1.5 WH	Yes	1%
910925870141	LL243X 240S/840 HE PSU NB 5x1.5 WH	No	Not applicable
910925870142	LL243X 160S/840 UE DIA O 7x1.5 WH	Yes	1%
910925870143	LL243X 160S/840 HE PSU O 5x1.5 WH	No	Not applicable
910925870144	LL243X 240S/840 HE DIA O 7x1.5 WH	Yes	1%
910925870145	LL243X 240S/840 HE PSU O 5x1.5 WH	No	Not applicable

Product Data

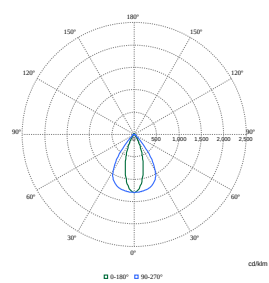
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910925870148	LL243X 160S/840 UE PSU NB BV WH	LL243X
910925870149	LL243X 160S/840 UE DIA NB BV WH	LL243X
910925870150	LL243X 240S/840 HE PSU NB BV WH	LL243X
910925870151	LL243X 240S/840 UE DIA NB BV WH	LL243X
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910925870155	LL243X 160S/840 NE DIA NB BV WH	LL243X
910925870120	LL241X 53S/840 PSU NE WB 5x1.5 WH	LL241X
910925870121	LL241X 80S/840 HE PSU WB 5x1.5 WH	LL241X
910925870122	LL242X 80S/840 NE DIA WB 7x1.5 WH	LL242X
910925870123	LL242X 45S/840 UE DIA WB 7x1.5 WH	LL242X
910925870124	LL242X 45S/840 UE PSU WB 5x1.5 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

Order Code	Full Product Name	Product family code
910925870128		LL242X
910925870129		LL242X
910925870130	LL242X 120S/840 HE PSU O 5x1.5 WH	LL242X
910925870131		LL243X
910925870132	LL243X 90S/840 UE DIA WB 7x1.5 WH	LL243X
910925870133	LL243X 90S/840 UE PSU WB 5x1.5 WH	LL243X
910925870134		LL243X
910925870135		LL243X
910925870136		LL243X
910925870137		LL243X
910925870138	LL243X 160S/840 UE DIA NB 7x1.5 WH	LL243X
910925870139	LL243X 160S/840 UE PSU NB 5x1.5 WH	LL243X
910925870140	LL243X 240S/840 UE DIA NB 7x1.5 WH	LL243X
910925870141	LL243X 240S/840 HE PSU NB 5x1.5 WH	LL243X
910925870142	LL243X 160S/840 UE DIA O 7x1.5 WH	LL243X
910925870143	LL243X 160S/840 HE PSU O 5x1.5 WH	LL243X
910925870144	LL243X 240S/840 HE DIA O 7x1.5 WH	LL243X
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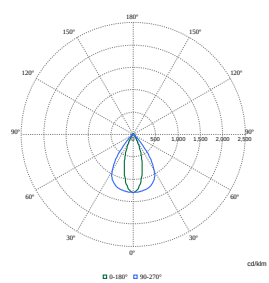
Polar Wide Diagrams



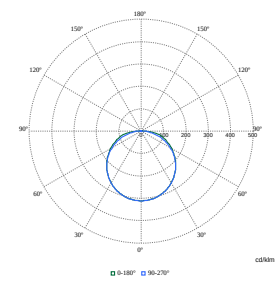
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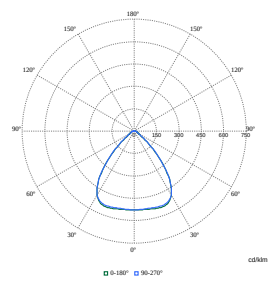
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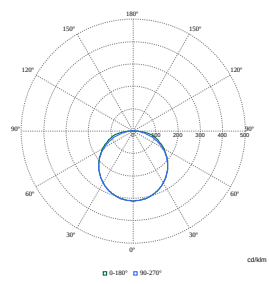
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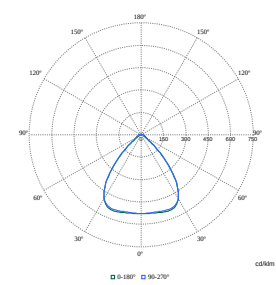
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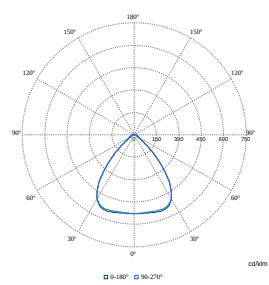
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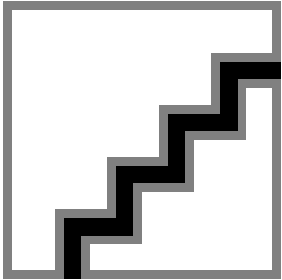
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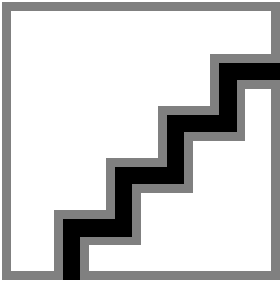


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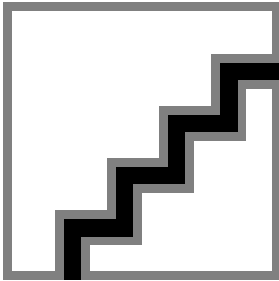


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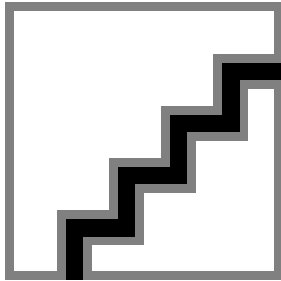
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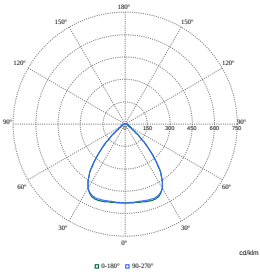
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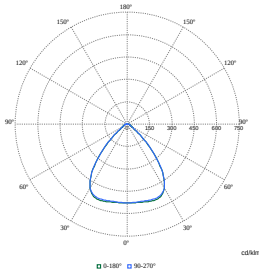
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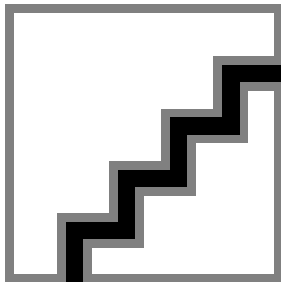
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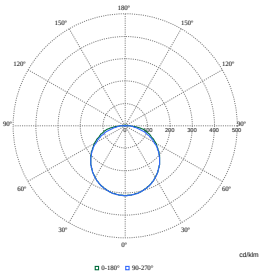
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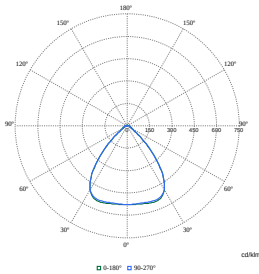
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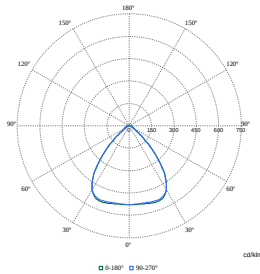
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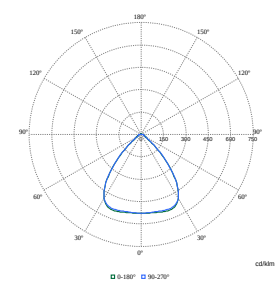


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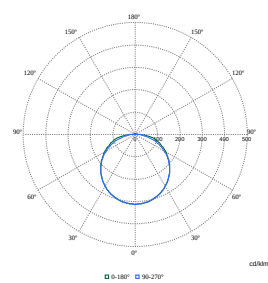


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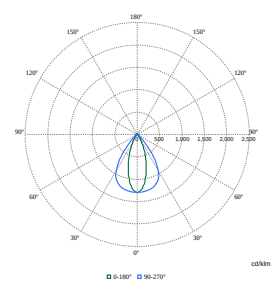
Polar Wide Diagrams



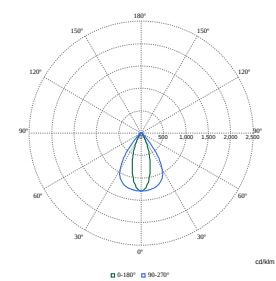
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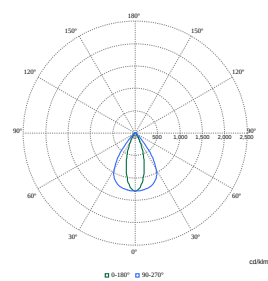
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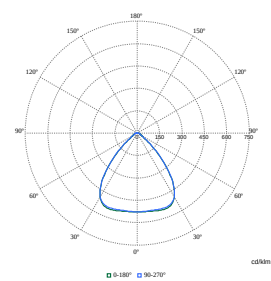
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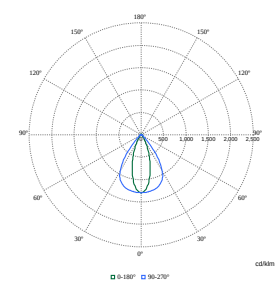
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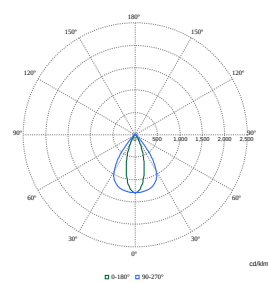
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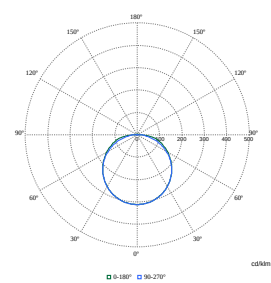
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Polar Normal (separate) - LL240XI - 910925870154

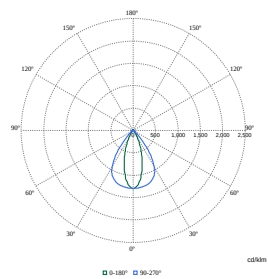


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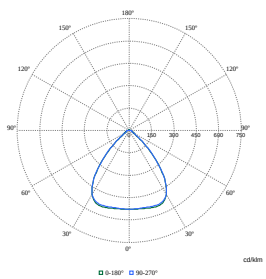


Polar Normal (separate) - LL240XI - 910925870143

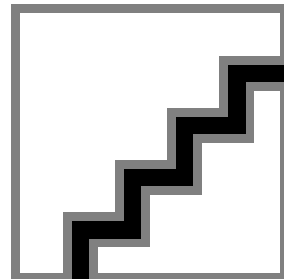
Polar Wide Diagrams



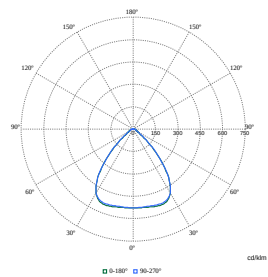
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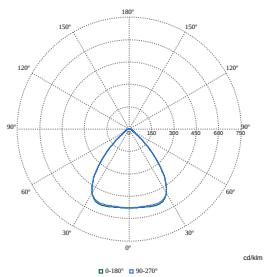
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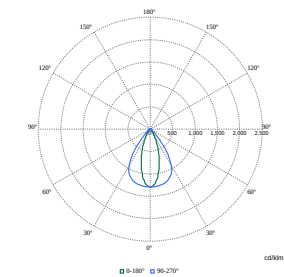
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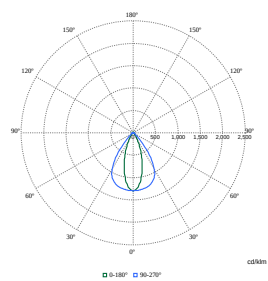
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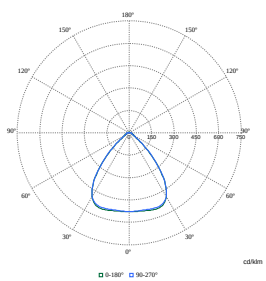
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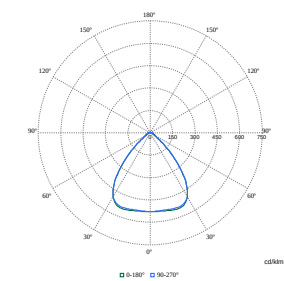
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Polar Normal (separate) - LL240XI - 910925870155



Polar Normal (separate) - LL240XI - 910925870152



Polar Normal (separate) - LL240XI - 910925870120

CoreLine trunking gen2.5

