



CoreLine highbay gen5: Easy installation. Excellent illumination.

CoreLine Highbay Gen5

CoreLine Highbay Gen5 delivers on the CoreLine promise of innovative, easy-to-use and high-quality luminaires. A reliable, highly efficient luminaire with a very long-lifetime, it delivers great savings on energy and requires less maintenance. At the same time, CoreLine Highbay is very easy to handle. The luminaire can be installed on your existing grid and the electrical connection is a straightforward task, with no need to open the luminaire and an external IP65 connector. With a choice of two beam angles: narrow and wide beam, you can adjust your lighting plan to suit your exact needs. This range also includes Interact Ready luminaires with integrated wireless communications and integrated movement and daylight sensors. So CoreLine Highbay Gen5 is ready to be used with any Interact connected lighting system.

Benefits

- Saves on energy and maintenance costs
- Easy installation - single suspension hook and external connector, additional mounting bracket for more flexibility
- Ideal for general application projects, with a robust design and a high water and dust-proof rating (IP65)
- Choice of four product types: BY121P, BY122P, BY120P and BY122X

CoreLine Highbay Gen5

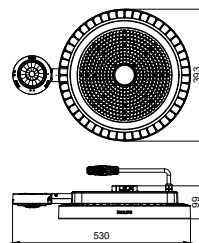
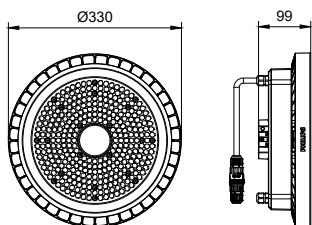
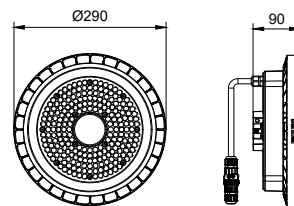
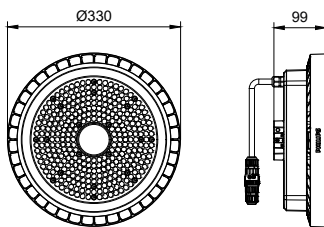
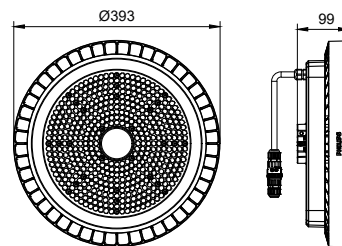
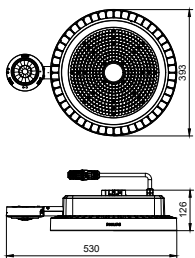
Features

- Long lifetime and high efficiency: 50,000 hours with flux at 85% min. compared to initial levels; up to 160lm/W
- Choice of beam options: narrow and wide beam, for low glare without additional accessories
- Modern, high-quality die-cast aluminium housing
- Single point mounting and IP65 external, pre-mounted electrical connector
- Optional versions: DALI dimming, integrated wireless connectivity (Interact Ready)

Application

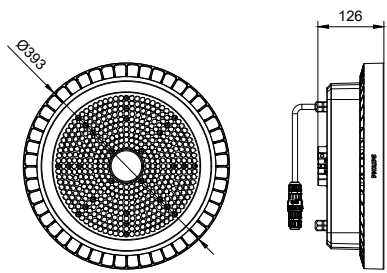
- General manufacturing
- Exhibition halls
- Warehouses and logistics centres
- High-ceilinged lounges

Dimensional drawing

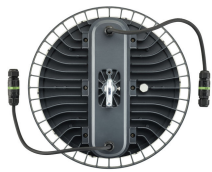


CoreLine Highbay Gen5

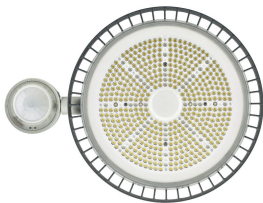
Dimensional drawing



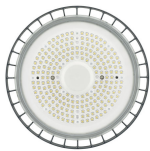
Product details



CoreLine highbay gen5, IP65 connector (PSD)



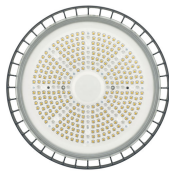
CoreLine highbay gen5, with sensor, front view



CoreLine highbay gen5, BY120P, front view



CoreLine highbay gen5, with sensor, side view



CoreLine highbay gen5, BY121P, front view



CoreLine highbay gen5, IP65 connector



CoreLine highbay gen5, with sensor, back view

CoreLine Highbay Gen5

Product details



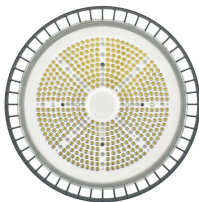
CoreLine highbay gen5, bracket mounting



CoreLine highbay gen5, bracket mounting



CoreLine highbay gen5, hook mounting



CoreLine highbay gen5, BY121P, front view

CoreLine Highbay Gen5

General Information	
Driver included	Yes
Light source replaceable	No
Service Tag	Yes
Light Technical	
Colour rendering index (CRI)	>80
Operating and Electrical	
Protection class IEC	Safety class I
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Suitable for random switching	Yes
Mechanical and Housing	
Housing Colour	Grey
Ingress protection code	IP65
Approval and Application	
Ambient temperature range	-30 to +50 °C
CE mark	Yes
ENEC mark	ENEC mark
Flammability mark	For mounting on normally flammable surfaces
Glow-wire test	Temperature 650 °C, duration 30 s
Flickering value (PstLM)	0.5
Stroboscopic effect	1
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%

General Information

Order Code	Full Product Name	Number of gear units
95582000	BY122P G5 LED250S/840 PSU NB	Unit
95583700	BY122P G5 LED250S/840 PSU WB	Unit
95586800	BY122P G5 LED250S/840 PSD NB	2 units
95587500	BY122P G5 LED250S/840 PSD WB	2 units
95600100	BY122P G5 LED300S/840 PSU NB	Unit
95601800	BY122P G5 LED300S/840 PSU WB	Unit
95602500	BY122P G5 LED300S/840 PSD NB	2 units
95603200	BY122P G5 LED300S/840 PSD WB	2 units
95568400	BY121P G5 LED200S/840 PSU NB	Unit
95569100	BY121P G5 LED200S/840 PSU WB	Unit
95570700	BY121P G5 LED105S/840 PSD NB	Unit
95571400	BY121P G5 LED105S/840 PSD WB	Unit
95572100	BY121P G5 LED200S/840 PSD NB	Unit
95573800	BY121P G5 LED200S/840 PSD WB	Unit
95580600	BY121P G5 LED200S/865 PSD NB	Unit
95598100	BY121P G5 LED150S/840 PSD NB	Unit
95599800	BY121P G5 LED150S/840 PSD WB	Unit
95566000	BY120P G5 LED105S/840 PSU NB	Unit
95567700	BY120P G5 LED105S/840 PSU WB	Unit
95596700	BY120P G5 LED150S/840 PSU NB	Unit
95597400	BY120P G5 LED150S/840 PSU WB	Unit
95590500	BY122X G5 LED105S/840 SIA NB H4	Unit
95591200	BY122X G5 LED105S/840 SIA WB H4	Unit
95592900	BY122X G5 LED200S/840 SIA NB H4	Unit
95593600	BY122X G5 LED200S/840 SIA WB H4	Unit
95594300	BY122X G5 LED250S/840 SIA NB H4	Unit
95595000	BY122X G5 LED250S/840 SIA WB H4	Unit
95604900	BY122X G5 LED300S/840 SIA NB H4	Unit
95605600	BY122X G5 LED300S/840 SIA WB H4	Unit

Light Technical

		Correlated Colour	Luminous efficacy					Correlated Colour	Luminous efficacy		
		Temperature	(rated)					Temperature	(rated)		
Order Code	Full Product Name	(Nom)	(nom.)	Luminous Flux	Optic type	Order Code	Full Product Name	(Nom)	(nom.)	Luminous Flux	Optic type
95582000	BY122P G5 LED250S/840 PSU NB	4000 K	159 lm/W	25,000 lm	Narrow beam	95600100	BY122P G5 LED300S/840 PSU NB	4000 K	156 lm/W	30,000 lm	Narrow beam
95583700	BY122P G5 LED250S/840 PSU WB	4000 K	159 lm/W	25,000 lm	Wide beam	95601800	BY122P G5 LED300S/840 PSU WB	4000 K	156 lm/W	30,000 lm	Wide beam
95586800	BY122P G5 LED250S/840 PSD NB	4000 K	149 lm/W	25,000 lm	Narrow beam	95602500	BY122P G5 LED300S/840 PSD NB	4000 K	146 lm/W	30,000 lm	Narrow beam
95587500	BY122P G5 LED250S/840 PSD WB	4000 K	149 lm/W	25,000 lm	Wide beam	95603200	BY122P G5 LED300S/840 PSD WB	4000 K	146 lm/W	30,000 lm	Wide beam

CoreLine Highbay Gen5

	Full Product	Correlated Colour Temperature	Luminous efficacy (rated)	Luminous Flux	Optic type
Order Code	Name	(Nom)	(nom.)		
95568400	BY121P G5 LED200S/840 PSU NB	4000 K	159 lm/W	20,000 lm	Narrow beam
95569100	BY121P G5 LED200S/840 PSU WB	4000 K	159 lm/W	20,000 lm	Wide beam
95570700	BY121P G5 LED105S/840 PSD NB	4000 K	146 lm/W	10,500 lm	Narrow beam
95571400	BY121P G5 LED105S/840 PSD WB	4000 K	146 lm/W	10,500 lm	Wide beam
95572100	BY121P G5 LED200S/840 PSD NB	4000 K	149 lm/W	20,000 lm	Narrow beam
95573800	BY121P G5 LED200S/840 PSD WB	4000 K	149 lm/W	20,000 lm	Wide beam
95580600	BY121P G5 LED200S/865 PSD NB	6500 K	149 lm/W	20,000 lm	Narrow beam
95598100	BY121P G5 LED150S/840 PSD NB	4000 K	147 lm/W	15,000 lm	Narrow beam
95599800	BY121P G5 LED150S/840 PSD WB	4000 K	147 lm/W	15,000 lm	Wide beam
95566000	BY120P G5 LED105S/840 PSU NB	4000 K	157 lm/W	10,500 lm	Narrow beam
95567700	BY120P G5 LED105S/840 PSU WB	4000 K	157 lm/W	10,500 lm	Wide beam

	Full Product	Correlated Colour Temperature	Luminous efficacy (rated)	Luminous Flux	Optic type
Order Code	Name	(Nom)	(nom.)		
95596700	BY120P G5 LED150S/840 PSU NB	4000 K	158 lm/W	15,000 lm	Narrow beam
95597400	BY120P G5 LED150S/840 PSU WB	4000 K	158 lm/W	15,000 lm	Wide beam
95590500	BY122X G5 LED105S/840 SIA NB H4	4000 K	146 lm/W	10,500 lm	Narrow beam
95591200	BY122X G5 LED105S/840 SIA WB H4	4000 K	146 lm/W	10,500 lm	Wide beam
95592900	BY122X G5 LED200S/840 SIA NB H4	4000 K	150 lm/W	20,000 lm	Narrow beam
95593600	BY122X G5 LED200S/840 SIA WB H4	4000 K	150 lm/W	20,000 lm	Wide beam
95594300	BY122X G5 LED250S/840 SIA NB H4	4000 K	151 lm/W	25,000 lm	Narrow beam
95595000	BY122X G5 LED250S/840 SIA WB H4	4000 K	151 lm/W	25,000 lm	Wide beam
95604900	BY122X G5 LED300S/840 SIA NB H4	4000 K	148 lm/W	30,000 lm	Narrow beam
95605600	BY122X G5 LED300S/840 SIA WB H4	4000 K	148 lm/W	30,000 lm	Wide beam

Operating and Electrical

Order Code	Full Product Name	Power Consumption
95582000	BY122P G5 LED250S/840 PSU NB	157 W
95583700	BY122P G5 LED250S/840 PSU WB	157 W
95586800	BY122P G5 LED250S/840 PSD NB	168 W
95587500	BY122P G5 LED250S/840 PSD WB	168 W
95600100	BY122P G5 LED300S/840 PSU NB	192 W
95601800	BY122P G5 LED300S/840 PSU WB	192 W
95602500	BY122P G5 LED300S/840 PSD NB	205 W
95603200	BY122P G5 LED300S/840 PSD WB	205 W
95568400	BY121P G5 LED200S/840 PSU NB	126 W
95569100	BY121P G5 LED200S/840 PSU WB	126 W
95570700	BY121P G5 LED105S/840 PSD NB	72 W
95571400	BY121P G5 LED105S/840 PSD WB	72 W

Order Code	Full Product Name	Power Consumption
95572100	BY121P G5 LED200S/840 PSD NB	134 W
95573800	BY121P G5 LED200S/840 PSD WB	134 W
95580600	BY121P G5 LED200S/865 PSD NB	134 W
95598100	BY121P G5 LED150S/840 PSD NB	102 W
95599800	BY121P G5 LED150S/840 PSD WB	102 W
95566000	BY120P G5 LED105S/840 PSU NB	67 W
95567700	BY120P G5 LED105S/840 PSU WB	67 W
95596700	BY120P G5 LED150S/840 PSU NB	95 W
95597400	BY120P G5 LED150S/840 PSU WB	95 W
95590500	BY122X G5 LED105S/840 SIA NB H4	72 W
95591200	BY122X G5 LED105S/840 SIA WB H4	72 W
95592900	BY122X G5 LED200S/840 SIA NB H4	133 W

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Order Code	Full Product Name	Power Consumption
95593600	BY122X G5 LED200S/840 SIA WB H4	133 W
95594300	BY122X G5 LED250S/840 SIA NB H4	166 W
95595000	BY122X G5 LED250S/840 SIA WB H4	166 W

Controls and Dimming

Order Code	Full Product Name	Dimmable	Embedded control	Maximum dim level
95582000	BY122P G5 LED250S/840 PSU NB	No	-	Not applicable
95583700	BY122P G5 LED250S/840 PSU WB	No	-	Not applicable
95586800	BY122P G5 LED250S/840 PSD NB	Yes	-	20%
95587500	BY122P G5 LED250S/840 PSD WB	Yes	-	20%
95600100	BY122P G5 LED300S/840 PSU NB	No	-	Not applicable
95601800	BY122P G5 LED300S/840 PSU WB	No	-	Not applicable
95602500	BY122P G5 LED300S/840 PSD NB	Yes	-	13%
95603200	BY122P G5 LED300S/840 PSD WB	Yes	-	13%
95568400	BY121P G5 LED200S/840 PSU NB	No	-	Not applicable
95569100	BY121P G5 LED200S/840 PSU WB	No	-	Not applicable
95570700	BY121P G5 LED105S/840 PSD NB	Yes	-	20%
95571400	BY121P G5 LED105S/840 PSD WB	Yes	-	20%
95572100	BY121P G5 LED200S/840 PSD NB	Yes	-	10%
95573800	BY121P G5 LED200S/840 PSD WB	Yes	-	10%
95580600	BY121P G5 LED200S/865 PSD NB	Yes	-	10%

Mechanical and Housing

Order Code	Full Product Name	Mech. impact protection code
95582000	BY122P G5 LED250S/840 PSU NB	IK08
95583700	BY122P G5 LED250S/840 PSU WB	IK08
95586800	BY122P G5 LED250S/840 PSD NB	IK08
95587500	BY122P G5 LED250S/840 PSD WB	IK08
95600100	BY122P G5 LED300S/840 PSU NB	IK08
95601800	BY122P G5 LED300S/840 PSU WB	IK08
95602500	BY122P G5 LED300S/840 PSD NB	IK08
95603200	BY122P G5 LED300S/840 PSD WB	IK08
95568400	BY121P G5 LED200S/840 PSU NB	IK08

Order Code	Full Product Name	Power Consumption
95604900	BY122X G5 LED300S/840 SIA NB H4	203 W
95605600	BY122X G5 LED300S/840 SIA WB H4	203 W

Order Code	Full Product Name	Dimmable	Embedded control	Maximum dim level
95598100	BY121P G5 LED150S/840 PSD NB	Yes	-	13%
95599800	BY121P G5 LED150S/840 PSD WB	Yes	-	13%
95566000	BY120P G5 LED105S/840 PSU NB	No	-	Not applicable
95567700	BY120P G5 LED105S/840 PSU WB	No	-	Not applicable
95596700	BY120P G5 LED150S/840 PSU NB	No	-	Not applicable
95597400	BY120P G5 LED150S/840 PSU WB	No	-	Not applicable
95590500	BY122X G5 LED105S/840 SIA NB H4	Yes	Sensor SNH (R) 210	1%
95591200	BY122X G5 LED105S/840 SIA WB H4	Yes	Sensor SNH (R) 210	1%
95592900	BY122X G5 LED200S/840 SIA NB H4	Yes	Sensor SNH (R) 210	1%
95593600	BY122X G5 LED200S/840 SIA WB H4	Yes	Sensor SNH (R) 210	1%
95594300	BY122X G5 LED250S/840 SIA NB H4	Yes	Sensor SNH (R) 210	1%
95595000	BY122X G5 LED250S/840 SIA WB H4	Yes	Sensor SNH (R) 210	1%
95604900	BY122X G5 LED300S/840 SIA NB H4	Yes	Sensor SNH (R) 210	1%
95605600	BY122X G5 LED300S/840 SIA WB H4	Yes	Sensor SNH (R) 210	1%

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Order Code	Full Product Name	Mech. impact protection code
95567700	BY120P G5 LED105S/840 PSU WB	IK08
95596700	BY120P G5 LED150S/840 PSU NB	IK08
95597400	BY120P G5 LED150S/840 PSU WB	IK08
95590500	BY122X G5 LED105S/840 SIA NB H4	IK05
95591200	BY122X G5 LED105S/840 SIA WB H4	IK05
95592900	BY122X G5 LED200S/840 SIA NB H4	IK05

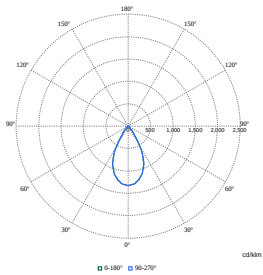
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95594300	BY122X G5 LED250S/840 SIA NB H4	IK05
95595000	BY122X G5 LED250S/840 SIA WB H4	IK05
95604900	BY122X G5 LED300S/840 SIA NB H4	IK05
95605600	BY122X G5 LED300S/840 SIA WB H4	IK05

Initial Performance (IEC Compliant)

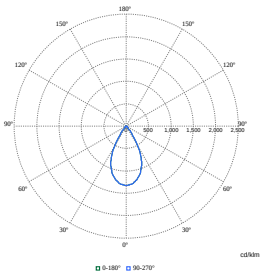
Order Code	Full Product Name	Initial chromaticity
95582000	BY122P G5 LED250S/840 PSU NB	(0.385, 0.380) SDCM<5
95583700	BY122P G5 LED250S/840 PSU WB	(0.385, 0.380) SDCM<5
95586800	BY122P G5 LED250S/840 PSD NB	(0.385, 0.380) SDCM<5
95587500	BY122P G5 LED250S/840 PSD WB	(0.385, 0.380) SDCM<5
95600100	BY122P G5 LED300S/840 PSU NB	(0.385, 0.380) SDCM<5
95601800	BY122P G5 LED300S/840 PSU WB	(0.385, 0.380) SDCM<5
95602500	BY122P G5 LED300S/840 PSD NB	(0.385, 0.380) SDCM<5
95603200	BY122P G5 LED300S/840 PSD WB	(0.385, 0.380) SDCM<5
95568400	BY121P G5 LED200S/840 PSU NB	(0.385, 0.380) SDCM<5
95569100	BY121P G5 LED200S/840 PSU WB	(0.385, 0.380) SDCM<5
95570700	BY121P G5 LED105S/840 PSD NB	(0.385, 0.380) SDCM<5
95571400	BY121P G5 LED105S/840 PSD WB	(0.385, 0.380) SDCM<5
95572100	BY121P G5 LED200S/840 PSD NB	(0.385, 0.380) SDCM<5
95573800	BY121P G5 LED200S/840 PSD WB	(0.385, 0.380) SDCM<5
95580600	BY121P G5 LED200S/865 PSD NB	(0.316, 0.332) SDCM<5

Order Code	Full Product Name	Initial chromaticity
95598100	BY121P G5 LED150S/840 PSD NB	(0.385, 0.380) SDCM<5
95599800	BY121P G5 LED150S/840 PSD WB	(0.385, 0.380) SDCM<5
95566000	BY120P G5 LED105S/840 PSU NB	(0.385, 0.380) SDCM<5
95567700	BY120P G5 LED105S/840 PSU WB	(0.385, 0.380) SDCM<5
95596700	BY120P G5 LED150S/840 PSU NB	(0.385, 0.380) SDCM<5
95597400	BY120P G5 LED150S/840 PSU WB	(0.385, 0.380) SDCM<5
95590500	BY122X G5 LED105S/840 SIA NB H4	(0.385, 0.380) SDCM<5
95591200	BY122X G5 LED105S/840 SIA WB H4	(0.385, 0.380) SDCM<5
95592900	BY122X G5 LED200S/840 SIA NB H4	(0.385, 0.380) SDCM<5
95593600	BY122X G5 LED200S/840 SIA WB H4	(0.385, 0.380) SDCM<5
95594300	BY122X G5 LED250S/840 SIA NB H4	(0.385, 0.380) SDCM<5
95595000	BY122X G5 LED250S/840 SIA WB H4	(0.385, 0.380) SDCM<5
95604900	BY122X G5 LED300S/840 SIA NB H4	(0.385, 0.380) SDCM<5
95605600	BY122X G5 LED300S/840 SIA WB H4	(0.385, 0.380) SDCM<5

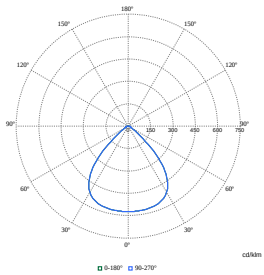
Polar Wide Diagrams



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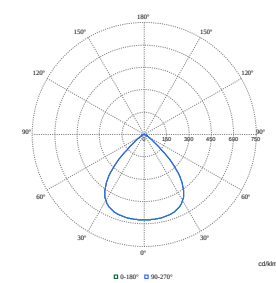
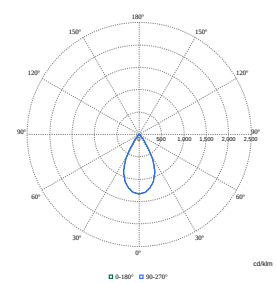
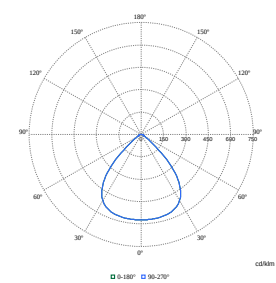


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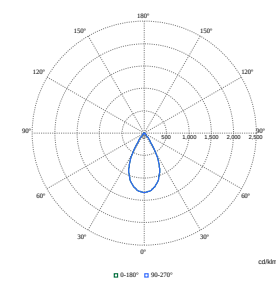
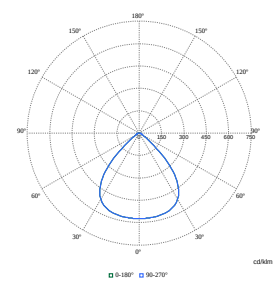
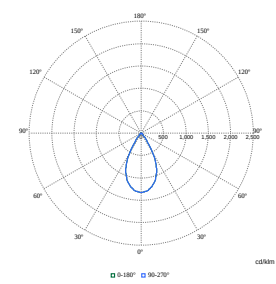
Polar Wide Diagrams



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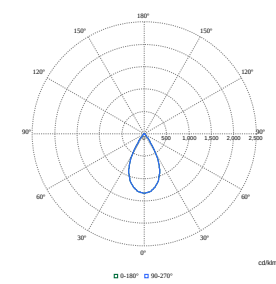
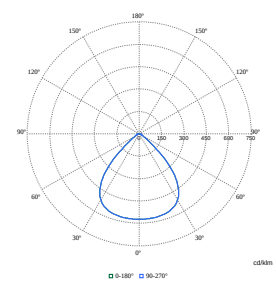
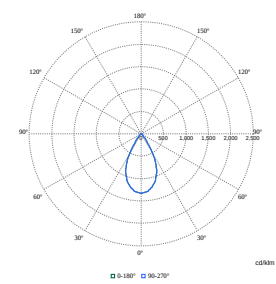
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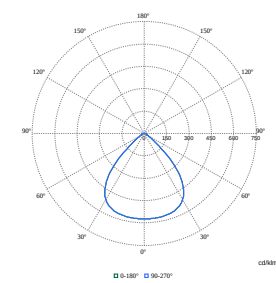
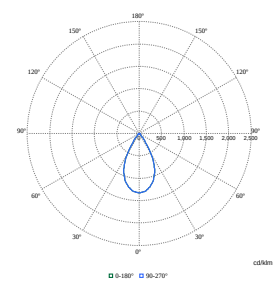
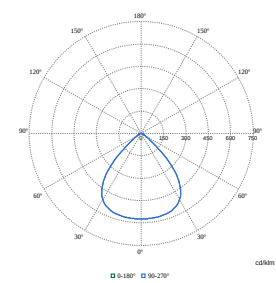
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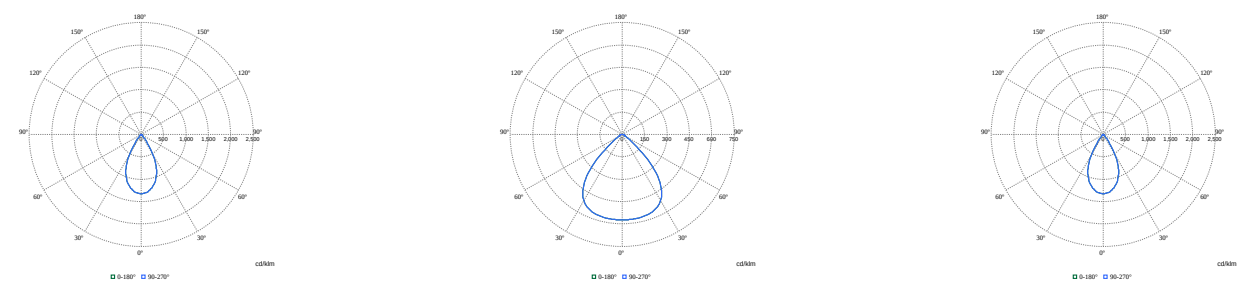


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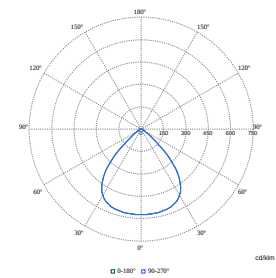
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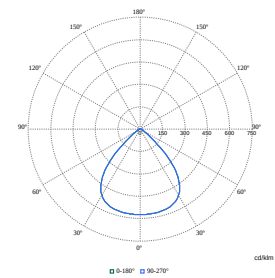
Polar Wide Diagrams



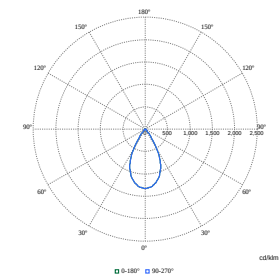
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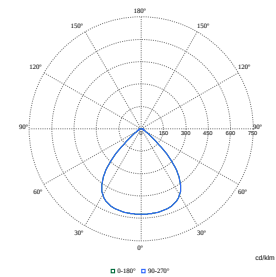
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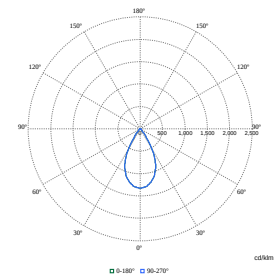
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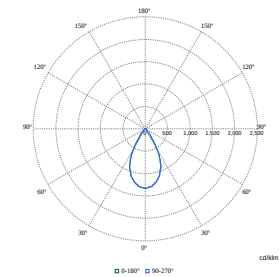
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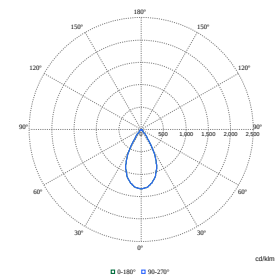
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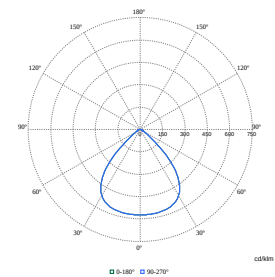
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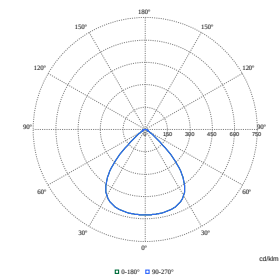
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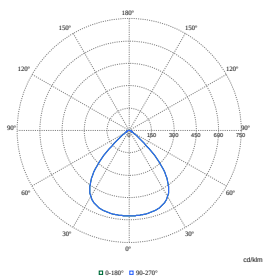
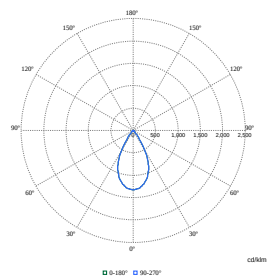
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Polar Wide Diagrams



Polar Normal (separate) - null - 911401633008

Polar Normal (separate) - null - 911401633108

