

LumiStreet gen2

BGP291



Time to upgrade your conventional lighting to LumiStreet gen2

Designed for ledification projects, the LumiStreet gen2 is the ideal 1:1 luminaire replacement for municipalities. Thanks to its high efficiency and low initial cost, the LumiStreet gen2 luminaire enables a fast payback and significant savings in terms of energy consumption within a short period of time. The ease of installation and maintenance is enabled by the Service tag and the SR (System Ready) Zhaga socket(s) makes it future-ready, and you can pair this luminaire with lighting control or sensors and software applications such as Interact City. Available with a significant number of different optics and lumen packages that can even be tuned further to fit exact project requirements, LumiStreet gen2 is a true point-to-point replacement solution for conventional or generation 1 LED light sources. The compact luminaire, using high-quality materials is also easy to dismantle and recycle at the end of its lifetime. In case toolless opening and closing of the gear cover is required the LumiStreet gen2 Pro version can be chosen.

Benefits

- Economical LED alternative to conventional street lights
- Offers high efficiency and energy savings
- Made of high-quality materials for longer lifetime and minimized maintenance

Applications

- Roads and streets
- Residential streets

Features

- Good application coverage thanks to wide range of optics, tunable flux and tiltable spigot
- Easy luminaire identification due to the Service tag

- Future-ready thanks to the SR (System Ready) socket
- High system efficiency with good application coverage
- Luminaire is also equipped with dedicated light recipes that help with: 1) maintaining an optimal ecosystems for bats or 2) preserving a dark night sky and reduce light pollution
- Version with toolless opening and closing gear cover available if required (Lumistreet gen2 Pro).

Versions



UniStreet LumiStreet gen2
Nano



LumiStreet/UniStreet gen2
Mini



UniStreet gen2 Medium Solar

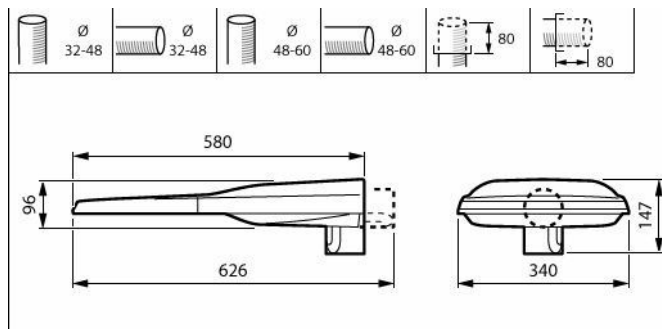


Product picture Lumistreet
gen2 Micro

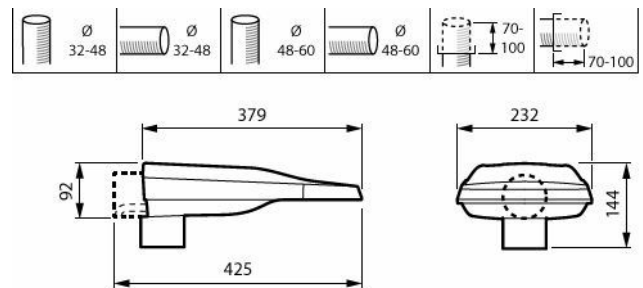


LumiStreet/UniStreet gen2
Large

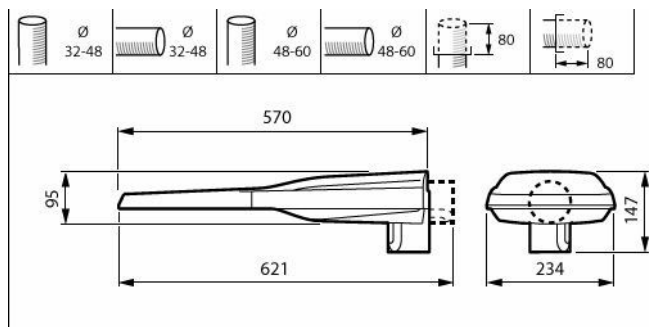
Dimensional drawing



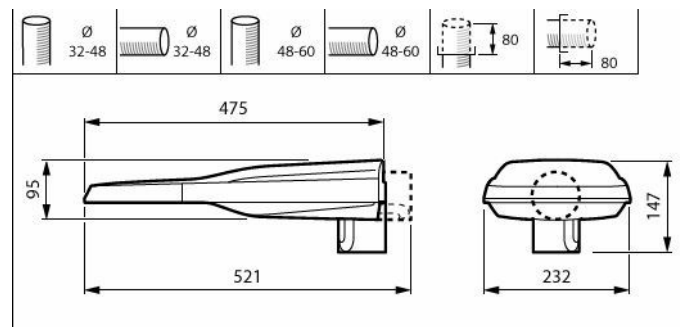
BGP293 LED240-1P/740 UE II DM24P D9 48/6



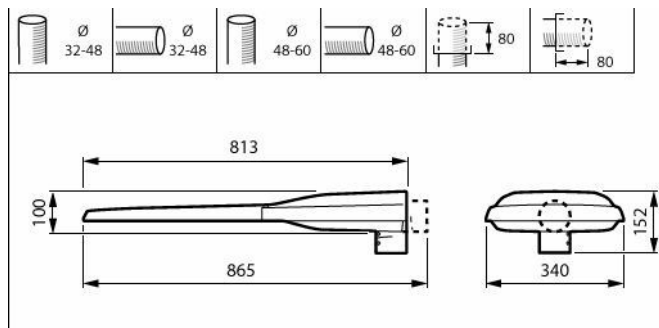
BGP290 LED50-1F/730 II DM50 D9 48/60S



BGP292 LED99-4S/740 I DX10 7024 D9 76S



BGP291 LED50-1P/740 UE II DM24P D9 48/60



BGP294 LED340-1P/740 UE II DM24P D9 48/6

Product details



UniStreet LumiStreet gen2
Nano top side view with
Zhaga sockets



UniStreet LumiStreet gen2
Nano profile view

Lumistreet gen2 Medium
bottom view

UniStreet_LumiStreet_gen2

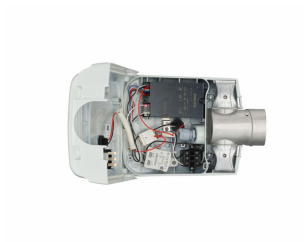


Lumistreet gen2 all sizes top
view

UniStreet_LumiStreet_gen2



Lumistreet gen2 Mini bottom
view



UniStreet LumiStreet gen2
Nano gear compartment



Lumistreet gen2 Pro Micro
Clips and Driver open view



UniStreet_LumiStreet_gen2



UniStreet LumiStreet gen2
Nano spigot view



Bottom view for spigot
regulation and screw



UniStreet LumiStreet gen2
Nano spigot view



UniStreet LumiStreet gen2
Nano profile view with Zhaga
sockets

UniStreet_LumiStreet_gen2



UniStreet LumiStreet gen2
Nano top view



UniStreet LumiStreet gen2
Nano bottom view

UniStreet LumiStreet gen2
Nano bottom view with louvre



Lumistreet gen2 Micro
bottom view

Lumistreet gen2 all sizes
bottom view



UniStreet LumiStreet gen2
Nano gear compartment

UniStreet LumiStreet gen2
Nano gear compartment



UniStreet_LumiStreet_gen2



Lumistreet gen2 Pro Micro clips view



Lumistreet gen2 all sizes Sideview



Lumistreet gen2 all sizes Sideview



Lumistreet gen2 spigot regulation



Lumistreet gen2 spigot regulation



General Information

Light source replaceable	Yes
Number of gear units	1 unit
Driver included	Yes
Service tag	Yes

Light Technical

Upward light output ratio	0
Color rendering index (CRI)	70

Operating and Electrical

Surge Protection (Common/Differential)	Surge protection level until 6 kV differential mode and 8 kV common mode
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Mechanical and Housing

Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Optical cover type	Flat glass

Approval and Application

Flammability mark	For mounting on normally flammable surfaces
CE mark	Yes

Over Time Performance (IEC Compliant)

Driver failure rate at 5000 h	0.5 %
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General Information

Order Code	Full Product Name	Lamp family code
62782600	BGP390 LED50-1F/740 I DM10 48/60S	LED50
76947200	BGP290 LED50-1F/730 II DM50 D9 48/60S	LED50
44943800	BGP292 LED99-4S/740 I DX10 7024 D9 48/60	LED99
07923600	BGP392 LED120-4S/740 II DM11 D9 48/60S	LED120
07963200	BGP292 LED75-4S/740 I DX10 7024 D9 48/60	LED75
07970000	BGP292 LED75-4S/740 I DX10 7024 D9 76S	LED75
10031200	BGP292 LED99-4S/740 I DX10 7024 D9 76S	LED99
18142700	BGP292 LED100-4S/730 II DM50 MSP 48/60S	LED100
18143400	BGP292 LED100-4S/730 II DM50 48/60S	LED100
47181800	BGP292 LED120-1P/740 UE II DM24P D9 48/6	LED240
47182500	BGP293 LED240-1P/740 UE II DM24P D9 48/6	LED240
18140300	BGP291 LED51-4S/730 II DM50 MSP 48/60S	LED51
18141000	BGP291 LED51-4S/730 II DM50 48/60S	LED51
47180100	BGP291 LED50-1P/740 UE II DM24P D9 48/60	LED240
47183200	BGP294 LED340-1P/740 UE II DM24P D9 48/6	LED240

Light Technical

Order Code	Full Product Name	Luminous Flux	Correlated Color Temperature (Nom)	Light source color	Luminaire light beam spread	Optic type outdoor
62782600	BGP390 LED50-1F/740 I DM10 48/60S	4,100 lm	4000 K	740 neutral white	157° - 33° x 55°	Distribution medium 10

Order Code	Full Product Name	Luminous Flux	Correlated Color Temperature (Nom)	Light source color	Luminaire light beam spread	Optic type outdoor
76947200	BGP290 LED50-1F/730 II DM50 D9 48/60S	4,000 lm	3000 K	730 warm white	154° - 31° x 54°	Distribution medium 50
44943800	BGP292 LED99-4S/740 I DX10 7024 D9 48/60	8,600 lm	4000 K	740 neutral white	150° - 43° x 67°	Distribution extra wide 10
07923600	BGP392 LED120-4S/740 II DM11 D9 48/60S	10,200 lm	4000 K	740 neutral white	160° - 42° x 54°	Distribution medium 11
07963200	BGP292 LED75-4S/740 I DX10 7024 D9 48/60	6,612 lm	4000 K	740 neutral white	150° - 43° x 67°	Distribution extra wide 10
07970000	BGP292 LED75-4S/740 I DX10 7024 D9 76S	6,612 lm	4000 K	740 neutral white	150° - 43° x 67°	Distribution extra wide 10
10031200	BGP292 LED99-4S/740 I DX10 7024 D9 76S	8,600 lm	4000 K	740 neutral white	150° - 43° x 67°	Distribution extra wide 10
18142700	BGP292 LED100-4S/730 II DM50 MSP 48/60S	8,600 lm	3000 K	730 warm white	154° - 31° x 54°	Distribution medium 50
18143400	BGP292 LED100-4S/730 II DM50 48/60S	8,600 lm	3000 K	730 warm white	154° - 31° x 54°	Distribution medium 50
47181800	BGP292 LED120-1P/740 UE II DM24P D9 48/6	10,320 lm	4000 K	740 neutral white	160° - 42° x 54°	Distribution medium 32
47182500	BGP293 LED240-1P/740 UE II DM24P D9 48/6	20,400 lm	4000 K	740 neutral white	160° - 42° x 54°	Distribution medium 32
18140300	BGP291 LED51-4S/730 II DM50 MSP 48/60S	4,524 lm	3000 K	730 warm white	154° - 31° x 54°	Distribution medium 50
18141000	BGP291 LED51-4S/730 II DM50 48/60S	4,524 lm	3000 K	730 warm white	154° - 31° x 54°	Distribution medium 50
47180100	BGP291 LED50-1P/740 UE II DM24P D9 48/60	4,350 lm	4000 K	740 neutral white	160° - 42° x 54°	Distribution medium 32
47183200	BGP294 LED340-1P/740 UE II DM24P D9 48/6	28,560 lm	4000 K	740 neutral white	160° - 42° x 54°	Distribution medium 32

Operating and Electrical

Order Code	Full Product Name	Power Consumption
62782600	BGP390 LED50-1F/740 I DM10 48/60S	31 W
76947200	BGP290 LED50-1F/730 II DM50 D9 48/60S	32.5 W
44943800	BGP292 LED99-4S/740 I DX10 7024 D9 48/60	60 W
07923600	BGP392 LED120-4S/740 II DM11 D9 48/60S	70 W
07963200	BGP292 LED75-4S/740 I DX10 7024 D9 48/60	44 W
07970000	BGP292 LED75-4S/740 I DX10 7024 D9 76S	44 W
10031200	BGP292 LED99-4S/740 I DX10 7024 D9 76S	60 W
18142700	BGP292 LED100-4S/730 II DM50 MSP 48/60S	61 W
18143400	BGP292 LED100-4S/730 II DM50 48/60S	61 W
47181800	BGP292 LED120-1P/740 UE II DM24P D9 48/6	60 W
47182500	BGP293 LED240-1P/740 UE II DM24P D9 48/6	118 W
18140300	BGP291 LED51-4S/730 II DM50 MSP 48/60S	32.5 W
18141000	BGP291 LED51-4S/730 II DM50 48/60S	32.5 W
47180100	BGP291 LED50-1P/740 UE II DM24P D9 48/60	26 W
47183200	BGP294 LED340-1P/740 UE II DM24P D9 48/6	168 W

Controls and Dimming

Order Code	Full Product Name	Dimmable	Maximum dim level
62782600	BGP390 LED50-1F/740 I DM10 48/60S	Yes	0% (digital)
76947200	BGP290 LED50-1F/730 II DM50 D9 48/60S	Yes	0% (digital)
44943800	BGP292 LED99-4S/740 I DX10 7024 D9 48/60	Yes	0% (digital)
07923600	BGP392 LED120-4S/740 II DM11 D9 48/60S	No	0% (digital)
07963200	BGP292 LED75-4S/740 I DX10 7024 D9 48/60	Yes	0% (digital)
07970000	BGP292 LED75-4S/740 I DX10 7024 D9 76S	Yes	0% (digital)
10031200	BGP292 LED99-4S/740 I DX10 7024 D9 76S	Yes	0% (digital)
18142700	BGP292 LED100-4S/730 II DM50 MSP 48/60S	No	Programmable
18143400	BGP292 LED100-4S/730 II DM50 48/60S	No	Programmable
47181800	BGP292 LED120-1P/740 UE II DM24P D9 48/6	Yes	0% (digital)
47182500	BGP293 LED240-1P/740 UE II DM24P D9 48/6	Yes	0% (digital)
18140300	BGP291 LED51-4S/730 II DM50 MSP 48/60S	No	Programmable
18141000	BGP291 LED51-4S/730 II DM50 48/60S	No	Programmable
47180100	BGP291 LED50-1P/740 UE II DM24P D9 48/60	Yes	0% (digital)
47183200	BGP294 LED340-1P/740 UE II DM24P D9 48/6	Yes	0% (digital)

Mechanical and Housing

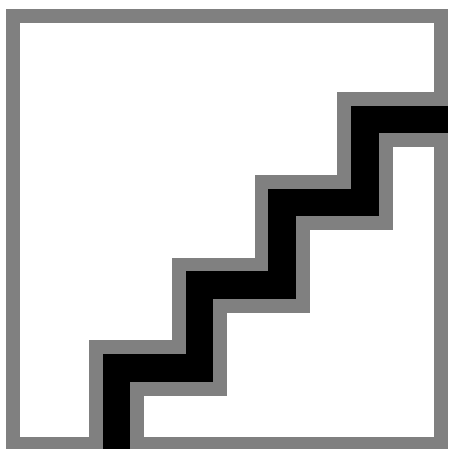
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44943800	BGP292 LED99-4S/740 I DX10 7024 D9 48/60	Gray	IK09
07923600	BGP392 LED120-4S/740 II DM11 D9 48/60S	Gray	IK09
07963200	BGP292 LED75-4S/740 I DX10 7024 D9 48/60	Gray	IK09
07970000	BGP292 LED75-4S/740 I DX10 7024 D9 76S	Gray	IK09
10031200	BGP292 LED99-4S/740 I DX10 7024 D9 76S	Gray	IK09
18142700	BGP292 LED100-4S/730 II DM50 MSP 48/60S	Gray	IK09
18143400	BGP292 LED100-4S/730 II DM50 48/60S	Gray	IK09
47181800	BGP292 LED120-1P/740 UE II DM24P D9 48/6	Grey	IK08
47182500	BGP293 LED240-1P/740 UE II DM24P D9 48/6	Grey	IK08
18140300	BGP291 LED51-4S/730 II DM50 MSP 48/60S	Gray	IK09
18141000	BGP291 LED51-4S/730 II DM50 48/60S	Gray	IK09
47180100	BGP291 LED50-1P/740 UE II DM24P D9 48/60	Grey	IK08
47183200	BGP294 LED340-1P/740 UE II DM24P D9 48/6	Grey	IK08

Product Data

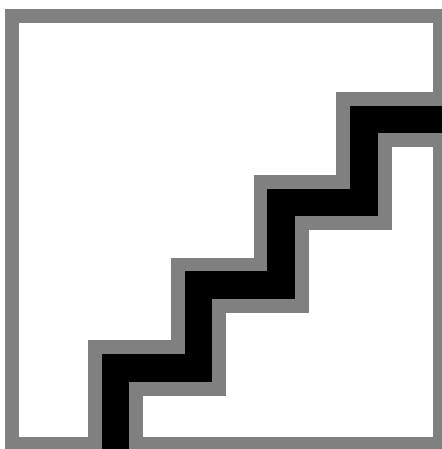
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76947200	BGP290 LED50-1F/730 II DM50 D9 48/60S	BGP290
44943800	BGP292 LED99-4S/740 I DX10 7024 D9 48/60	BGP292

Order Code	Full Product Name	Product family code
07923600	BGP392 LED120-4S/740 II DM11 D9 48/60S	BGP392
07963200	BGP292 LED75-4S/740 I DX10 7024 D9 48/60	BGP292
07970000	BGP292 LED75-4S/740 I DX10 7024 D9 76S	BGP292
10031200	BGP292 LED99-4S/740 I DX10 7024 D9 76S	BGP292
18142700	BGP292 LED100-4S/730 II DM50 MSP 48/60S	BGP292
18143400	BGP292 LED100-4S/730 II DM50 48/60S	BGP292
47181800	BGP292 LED120-1P/740 UE II DM24P D9 48/6	BGP292
47182500	BGP293 LED240-1P/740 UE II DM24P D9 48/6	BGP293
18140300	BGP291 LED51-4S/730 II DM50 MSP 48/60S	BGP291
18141000	BGP291 LED51-4S/730 II DM50 48/60S	BGP291
47180100	BGP291 LED50-1P/740 UE II DM24P D9 48/60	BGP291
47183200	BGP294 LED340-1P/740 UE II DM24P D9 48/6	BGP294

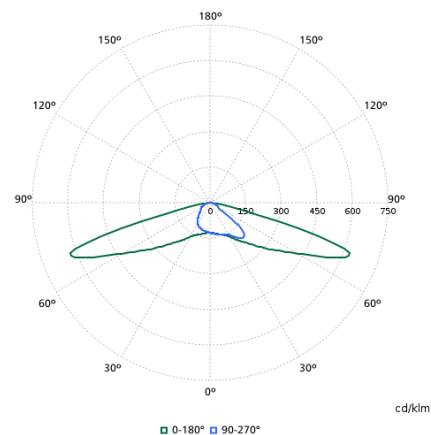
Polar normal diagrams



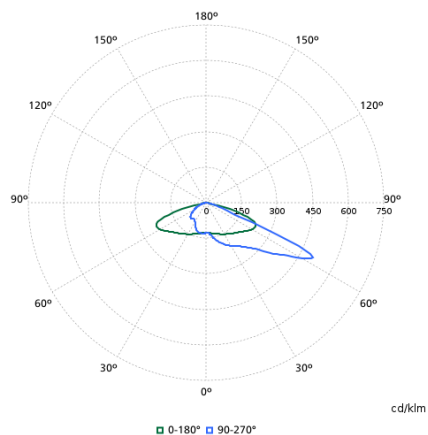
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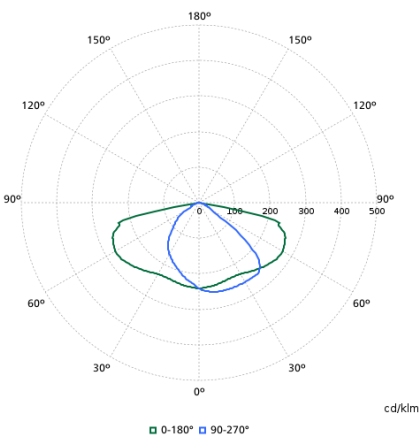
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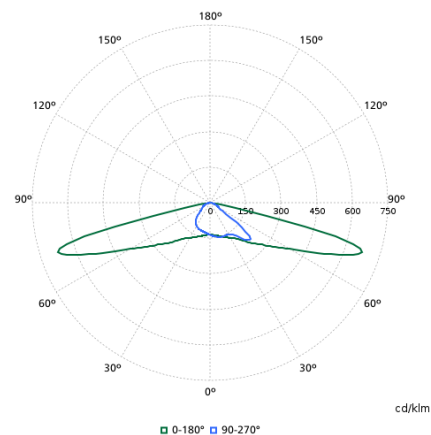
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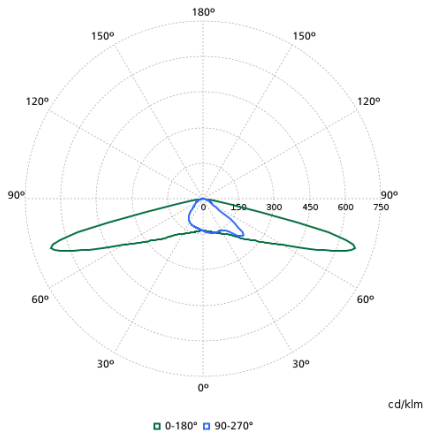
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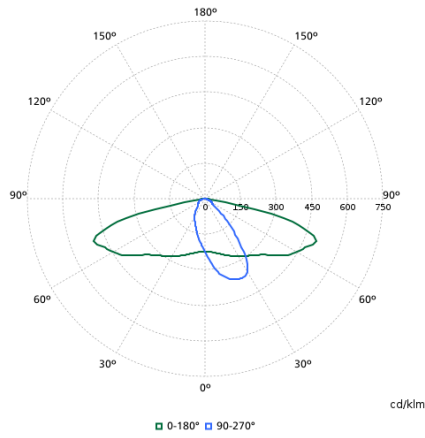
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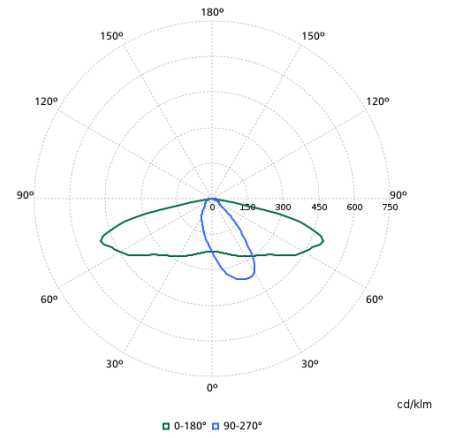
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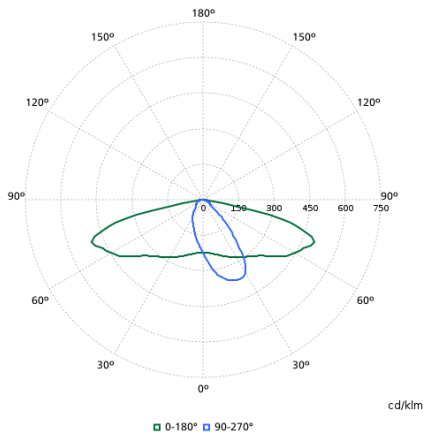
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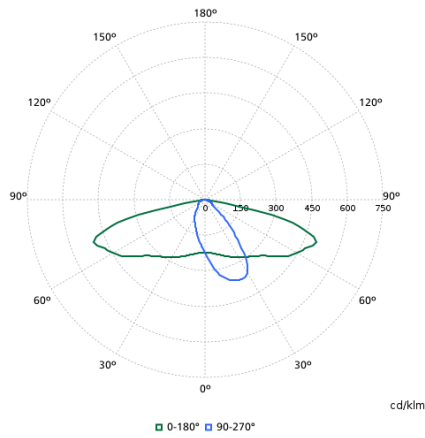
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