



Time to upgrade your conventional lighting to LumiStreet gen2

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 Philips Service tag and the Philips 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.

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

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

LumiStreet gen2

Application

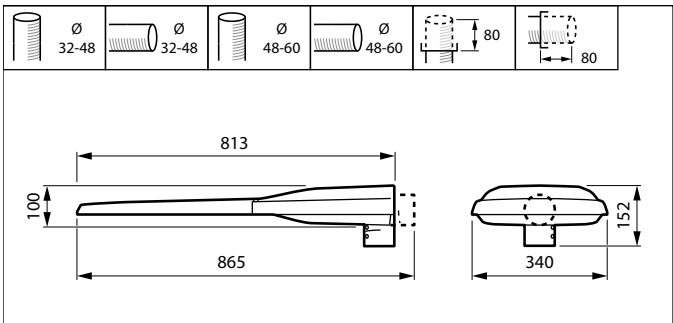
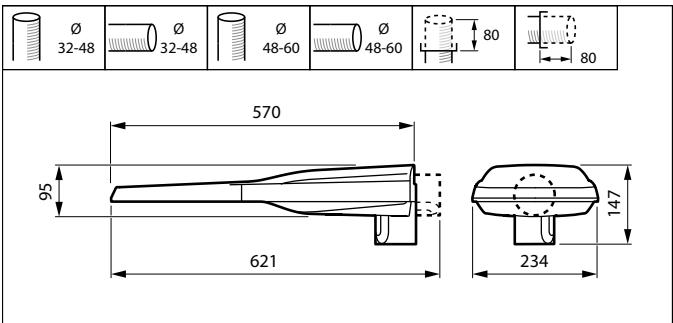
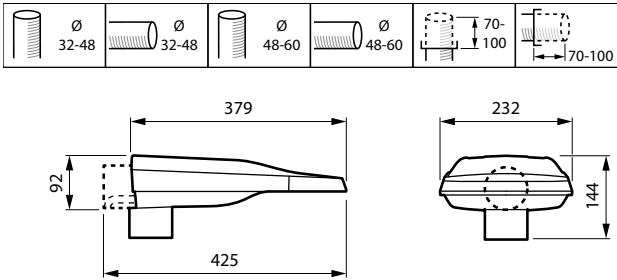
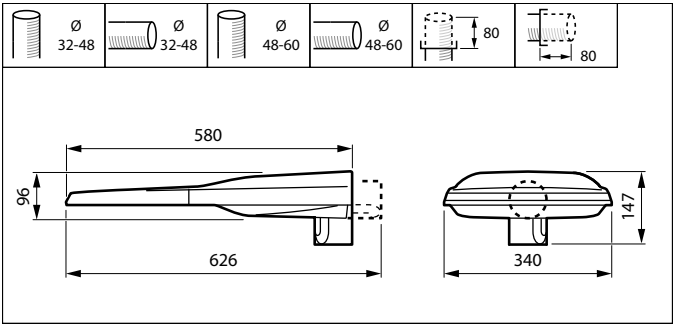
- Roads and streets
- Residential streets

Versions



LumiStreet/UniStreet gen2 Large

Dimensional drawing



Product details

UniStreet LumiStreet gen2 Nano
top side view with Zhaga sockets



UniStreet_LumiStreet_gen2



UniStreet LumiStreet gen2 Nano
profile view



UniStreet gen2 spigot regulation

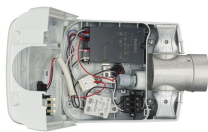


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UniStreet_LumiStreet_gen2



UniStreet LumiStreet gen2 Nano
gear compartment



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UniStreet LumiStreet gen2 Nano
spigot view



Product details



Bottom view for spigot regulation and screw



UniStreet LumiStreet gen2 Nano spigot view



UniStreet LumiStreet gen2 Nano profile view with Zhaga sockets



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UniStreet LumiStreet gen2 Nano top view



UniStreet LumiStreet gen2 Nano bottom view



UniStreet LumiStreet gen2 Nano bottom view with louvre



UniStreet LumiStreet gen2 Nano gear compartment



UniStreet LumiStreet gen2 Nano gear compartment

Product details

UniStreet_LumiStreet_gen2



General Information	
Driver included	Yes
Light source replaceable	Yes
Service tag	Yes
Light Technical	
Color rendering index (CRI)	70
Upward light output ratio	0
Operating and Electrical	
Surge Protection (Common/Differential)	Surge protection level until 6 kV differential mode and 8 kV common mode
Controls and Dimming	
Maximum dim level	0% (digital)
Mechanical and Housing	
Optical cover type	Flat glass
Housing Color	Gray
Ingress protection code	IP66
Standard tilt angle side entry	0°
Standard tilt angle posttop	0°
Approval and Application	
CE mark	Yes
Flammability mark	For mounting on normally flammable surfaces

General Information

Order Code	Full Product Name	Lamp family code	Number of gear units
62782600	BGP390 LED50-1F/740 I DM10 48/60S	LED50	1 unit
76946500	BGP290 LED40-1F/730 II DM50 D9 48/60S	LED40	1 unit
76947200	BGP290 LED50-1F/730 II DM50 D9 48/60S	LED50	1 unit
06048700	BGP292 LED80-4S/740 II DM50 D9 48/60S	LED80	1 unit
07963200	BGP292 LED75-4S/740 I DX10 7024 D9 48/60	LED75	1 unit
07964900	BGP292 LED49-4S/740 I DX10 7024 D9 48/60	LED49	1 unit
07970000	BGP292 LED75-4S/740 I DX10 7024 D9 76S	LED75	1 unit
10031200	BGP292 LED99-4S/740 I DX10 7024 D9 76S	LED99	1 unit
05877400	BGP293 LED240-4S/740 I DM11 48/60S	LED240	1 unit
07897000	BGP293 LED139-4S/740 II DM50 D9 48/60S	LED139	1 unit
07898700	BGP293 LED180-4S/740 II DM50 D9 48/60S	LED180	1 unit
07988500	BGP293 LED149-4S/740 II DM50 D9 48/60S	LED149	1 unit
10165400	BGP293 LED80-4S/740 II DM11 CLO S05Z1Z1-	LED80	1 unit
10167800	BGP293 LED120-4S/740 II DM11 CLO S05Z1Z1	LED120	1 unit
07933500	BGP394 LED340-4S/740 II DM11 D9 48/60S P	LED340	2 units

Light Technical (1/2)

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

Order Code	Full Product Name	Luminaire light beam spread	Light source color	Correlated Color Temperature (Nom)	Luminous Flux
76946500	BGP290 LED40-1F/730 II DM50 D9 48/60S	154° - 31° x 54°	730 warm white	3000 K	3,320 lm

Order Code	Full Product Name	Luminaire light beam spread	Light source color	Correlated Color	
				Temperature (Nom)	Luminous Flux
76947200	BGP290	154° - 31° x 54°	730	3000 K	4,000 lm
	LED50-1F/730 II		warm		
	DM50 D9 48/60S		white		
06048700	BGP292	154° - 31° x 54°	740	4000 K	6,960 lm
	LED80-4S/740 II		neutral		
	DM50 D9 48/60S		white		
07963200	BGP292	150° - 43° x 67°	740	4000 K	6,612 lm
	LED75-4S/740 I		neutral		
	DX10 7024 D9 48/60		white		
07964900	BGP292	150° - 43° x 67°	740	4000 K	4,263 lm
	LED49-4S/740 I		neutral		
	DX10 7024 D9 48/60		white		
07970000	BGP292	150° - 43° x 67°	740	4000 K	6,612 lm
	LED75-4S/740 I		neutral		
	DX10 7024 D9 76S		white		
10031200	BGP292	150° - 43° x 67°	740	4000 K	8,600 lm
	LED99-4S/740 I		neutral		
	DX10 7024 D9 76S		white		
05877400	BGP293	160° - 42° x 54°	740	4000 K	20,160 lm
	LED240-4S/740 I		neutral		
	DM11 48/60S		white		

Order Code	Full Product Name	Luminaire light beam spread	Light source color	Correlated Color	
				Temperature (Nom)	Luminous Flux
07897000	BGP293	154° - 31° x 54°	740	4000 K	12,180 lm
	LED139-4S/740 II		neutral		
	DM50 D9 48/60S		white		
07898700	BGP293	154° - 31° x 54°	740	4000 K	15,300 lm
	LED180-4S/740 II		neutral		
	DM50 D9 48/60S		white		
07988500	BGP293	154° - 31° x 54°	740	4000 K	12,900 lm
	LED149-4S/740 II		neutral		
	DM50 D9 48/60S		white		
10165400	BGP293	160° - 42° x 54°	740	4000 K	6,864 lm
	LED80-4S/740 II		neutral		
	DM11 CLO S05Z1Z1-		white		
10167800	BGP293	160° - 42° x 54°	740	4000 K	10,005 lm
	LED120-4S/740 II		neutral		
	DM11 CLO S05Z1Z1		white		
07933500	BGP394	160° - 42° x 54°	740	4000 K	29,240 lm
	LED340-4S/740 II		neutral		
	DM11 D9 48/60S P		white		

Light Technical (2/2)

Order Code	Full Product Name	Optic type outdoor
62782600	BGP390 LED50-1F/740 I DM10 48/60S	Distribution medium 10
76946500	BGP290 LED40-1F/730 II DM50 D9 48/60S	Distribution medium 50
76947200	BGP290 LED50-1F/730 II DM50 D9 48/60S	Distribution medium 50
06048700	BGP292 LED80-4S/740 II DM50 D9 48/60S	Distribution medium 50
07963200	BGP292 LED75-4S/740 I DX10 7024 D9 48/60	Distribution extra wide 10
07964900	BGP292 LED49-4S/740 I DX10 7024 D9 48/60	Distribution extra wide 10
07970000	BGP292 LED75-4S/740 I DX10 7024 D9 76S	Distribution extra wide 10
10031200	BGP292 LED99-4S/740 I DX10 7024 D9 76S	Distribution extra wide 10

Order Code	Full Product Name	Optic type outdoor
05877400	BGP293 LED240-4S/740 I DM11 48/60S	Distribution medium 11
07897000	BGP293 LED139-4S/740 II DM50 D9 48/60S	Distribution medium 50
07898700	BGP293 LED180-4S/740 II DM50 D9 48/60S	Distribution medium 50
07988500	BGP293 LED149-4S/740 II DM50 D9 48/60S	Distribution medium 50
10165400	BGP293 LED80-4S/740 II DM11 CLO S05Z1Z1-	Distribution medium 11
10167800	BGP293 LED120-4S/740 II DM11 CLO S05Z1Z1	Distribution medium 11
07933500	BGP394 LED340-4S/740 II DM11 D9 48/60S P	Distribution medium 11

Operating and Electrical

Order Code	Full Product Name	Power Consumption
62782600	BGP390 LED50-1F/740 I DM10 48/60S	31 W
76946500	BGP290 LED40-1F/730 II DM50 D9 48/60S	25.5 W
76947200	BGP290 LED50-1F/730 II DM50 D9 48/60S	32.5 W
06048700	BGP292 LED80-4S/740 II DM50 D9 48/60S	47 W
07963200	BGP292 LED75-4S/740 I DX10 7024 D9 48/60	44 W
07964900	BGP292 LED49-4S/740 I DX10 7024 D9 48/60	29 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

Order Code	Full Product Name	Power Consumption
05877400	BGP293 LED240-4S/740 I DM11 48/60S	138 W
07897000	BGP293 LED139-4S/740 II DM50 D9 48/60S	78 W
07898700	BGP293 LED180-4S/740 II DM50 D9 48/60S	104 W
07988500	BGP293 LED149-4S/740 II DM50 D9 48/60S	84 W
10165400	BGP293 LED80-4S/740 II DM11 CLO S05Z1Z1-	44 W
10167800	BGP293 LED120-4S/740 II DM11 CLO S05Z1Z1	67 W
07933500	BGP394 LED340-4S/740 II DM11 D9 48/60S P	186 W

Controls and Dimming

Order Code	Full Product Name	Dimmable
62782600	BGP390 LED50-1F/740 I DM10 48/60S	Yes
76946500	BGP290 LED40-1F/730 II DM50 D9 48/60S	Yes
76947200	BGP290 LED50-1F/730 II DM50 D9 48/60S	Yes
06048700	BGP292 LED80-4S/740 II DM50 D9 48/60S	No
07963200	BGP292 LED75-4S/740 I DX10 7024 D9 48/60	Yes
07964900	BGP292 LED49-4S/740 I DX10 7024 D9 48/60	Yes
07970000	BGP292 LED75-4S/740 I DX10 7024 D9 76S	Yes
10031200	BGP292 LED99-4S/740 I DX10 7024 D9 76S	Yes

Mechanical and Housing

Order Code	Full Product Name	Mech. impact protection code
62782600	BGP390 LED50-1F/740 I DM10 48/60S	IK08
76946500	BGP290 LED40-1F/730 II DM50 D9 48/60S	IK08
76947200	BGP290 LED50-1F/730 II DM50 D9 48/60S	IK08
06048700	BGP292 LED80-4S/740 II DM50 D9 48/60S	IK09
07963200	BGP292 LED75-4S/740 I DX10 7024 D9 48/60	IK09
07964900	BGP292 LED49-4S/740 I DX10 7024 D9 48/60	IK09
07970000	BGP292 LED75-4S/740 I DX10 7024 D9 76S	IK09
10031200	BGP292 LED99-4S/740 I DX10 7024 D9 76S	IK09

Over Time Performance (IEC Compliant)

Order Code	Full Product Name	Driver failure rate at 5000 h
62782600	BGP390 LED50-1F/740 I DM10 48/60S	-
76946500	BGP290 LED40-1F/730 II DM50 D9 48/60S	-
76947200	BGP290 LED50-1F/730 II DM50 D9 48/60S	-
06048700	BGP292 LED80-4S/740 II DM50 D9 48/60S	0.5 %
07963200	BGP292 LED75-4S/740 I DX10 7024 D9 48/60	0.5 %
07964900	BGP292 LED49-4S/740 I DX10 7024 D9 48/60	0.5 %
07970000	BGP292 LED75-4S/740 I DX10 7024 D9 76S	0.5 %
10031200	BGP292 LED99-4S/740 I DX10 7024 D9 76S	0.5 %

Product Data

Order Code	Full Product Name	Product family code
62782600	BGP390 LED50-1F/740 I DM10 48/60S	BGP390
76946500	BGP290 LED40-1F/730 II DM50 D9 48/60S	BGP290
76947200	BGP290 LED50-1F/730 II DM50 D9 48/60S	BGP290
06048700	BGP292 LED80-4S/740 II DM50 D9 48/60S	BGP292
07963200	BGP292 LED75-4S/740 I DX10 7024 D9 48/60	BGP292
07964900	BGP292 LED49-4S/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

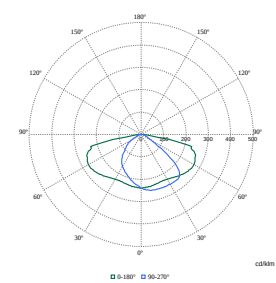
Order Code	Full Product Name	Dimmable
05877400	BGP293 LED240-4S/740 I DM11 48/60S	No
07897000	BGP293 LED139-4S/740 II DM50 D9 48/60S	No
07898700	BGP293 LED180-4S/740 II DM50 D9 48/60S	Yes
07988500	BGP293 LED149-4S/740 II DM50 D9 48/60S	Yes
10165400	BGP293 LED80-4S/740 II DM11 CLO S05Z1Z1-	No
10167800	BGP293 LED120-4S/740 II DM11 CLO S05Z1Z1	No
07933500	BGP394 LED340-4S/740 II DM11 D9 48/60S P	No

Order Code	Full Product Name	Mech. impact protection code
05877400	BGP293 LED240-4S/740 I DM11 48/60S	IK09
07897000	BGP293 LED139-4S/740 II DM50 D9 48/60S	IK09
07898700	BGP293 LED180-4S/740 II DM50 D9 48/60S	IK09
07988500	BGP293 LED149-4S/740 II DM50 D9 48/60S	IK09
10165400	BGP293 LED80-4S/740 II DM11 CLO S05Z1Z1-	IK09
10167800	BGP293 LED120-4S/740 II DM11 CLO S05Z1Z1	IK09
07933500	BGP394 LED340-4S/740 II DM11 D9 48/60S P	IK09

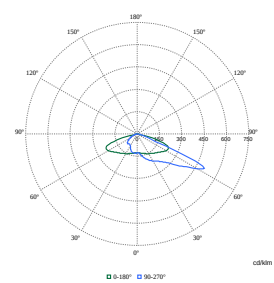
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05877400	BGP293 LED240-4S/740 I DM11 48/60S	0.5 %
07897000	BGP293 LED139-4S/740 II DM50 D9 48/60S	0.5 %
07898700	BGP293 LED180-4S/740 II DM50 D9 48/60S	0.5 %
07988500	BGP293 LED149-4S/740 II DM50 D9 48/60S	0.5 %
10165400	BGP293 LED80-4S/740 II DM11 CLO S05Z1Z1-	0.5 %
10167800	BGP293 LED120-4S/740 II DM11 CLO S05Z1Z1	0.5 %
07933500	BGP394 LED340-4S/740 II DM11 D9 48/60S P	-

Order Code	Full Product Name	Product family code
05877400	BGP293 LED240-4S/740 I DM11 48/60S	BGP293
07897000	BGP293 LED139-4S/740 II DM50 D9 48/60S	BGP293
07898700	BGP293 LED180-4S/740 II DM50 D9 48/60S	BGP293
07988500	BGP293 LED149-4S/740 II DM50 D9 48/60S	BGP293
10165400	BGP293 LED80-4S/740 II DM11 CLO S05Z1Z1-	BGP293
10167800	BGP293 LED120-4S/740 II DM11 CLO S05Z1Z1	BGP293
07933500	BGP394 LED340-4S/740 II DM11 D9 48/60S P	BGP394

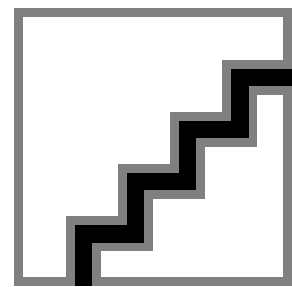
Polar Wide Diagrams



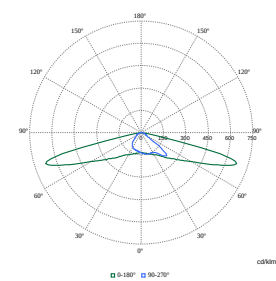
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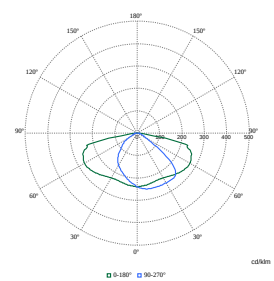
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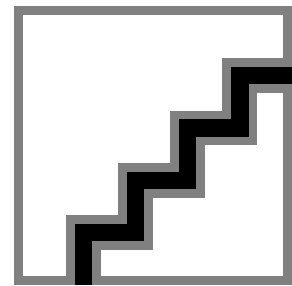
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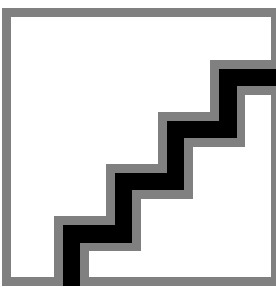
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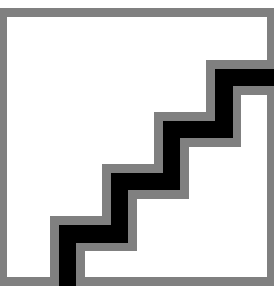
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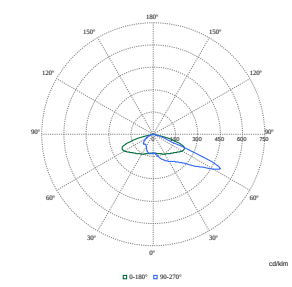
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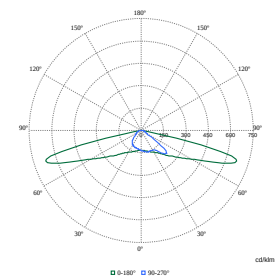


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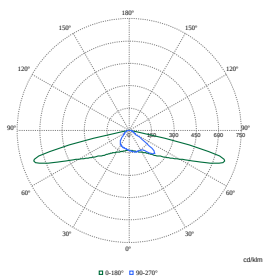


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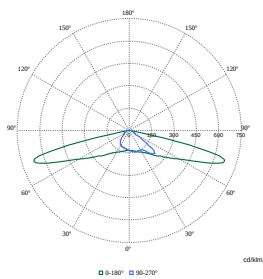
Polar Wide Diagrams



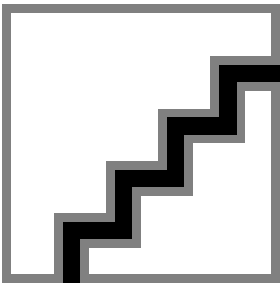
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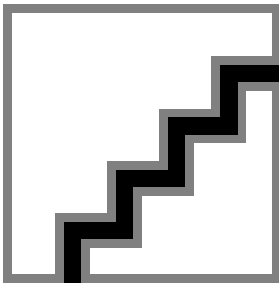
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Polar Normal (separate) - BGP283I - 910925866904



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