

PHILIPS

Lighting



Time to upgrade your conventional lighting to LumiStreet gen2

LumiStreet gen2

Increasing numbers of municipalities are having to upgrade large-scale conventional street lighting installations with energy-efficient LED technology. But they are having to do this with smaller and smaller budgets. That's why the new generation of LumiStreet has been upgraded and designed to provide a solution to this challenge, it is the ideal solution for performing point-to-point replacement of conventional lighting. LumiStreet gen2 achieves this by offering high-efficiency, low Total Cost of Ownership and ease of installation and maintenance. The ease of installation and maintenance is enabled by the Philips Service tag. Moreover, the Philips SR (System Ready) socket makes it future-ready and you can pair this luminaire with lighting control and software applications such as Interact City.

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 tillable 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

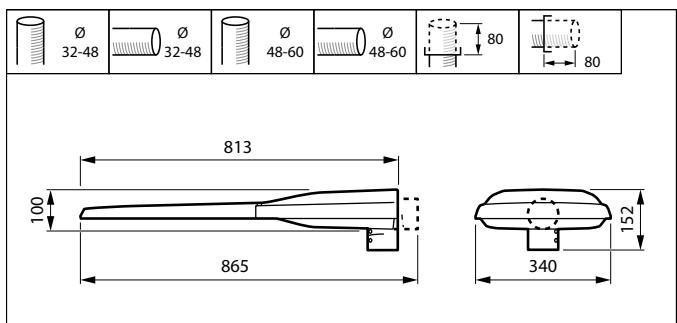
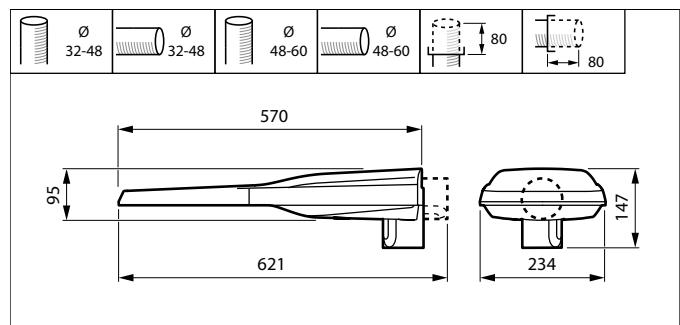
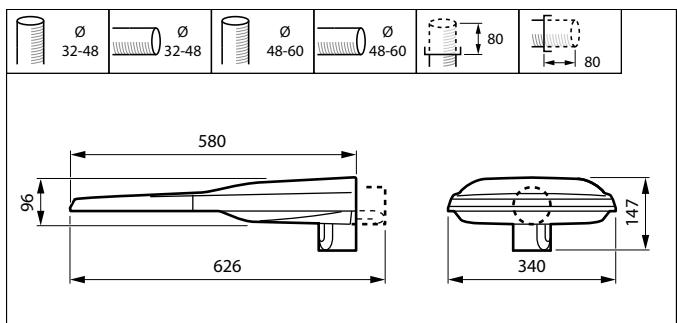
- Roads and streets
- Residential streets

Versions



LumiStreet/UniStreet gen2 Mini

Dimensional drawing



LumiStreet gen2

Product details

UniStreet_LumiStreet_gen2



UniStreet_LumiStreet_gen2



UniStreet gen2 spigot regulation



UniStreet_LumiStreet_gen2



UniStreet_LumiStreet_gen2



UniStreet_LumiStreet_gen2



UniStreet_LumiStreet_gen2



Bottom view for spigot regulation and screw



LumiStreet gen2

Product details

UniStreet_LumiStreet_gen2



UniStreet_LumiStreet_gen2



UniStreet_LumiStreet_gen2



General Information

Driver included	Yes
Light source replaceable	Yes
Service tag	Yes

Light Technical

Light source color	740 neutral white
Correlated Color Temperature (Nom)	4000 K
Color rendering index (CRI)	70
Upward light output ratio	0

Mechanical and Housing

Optical cover type	Flat glass
Housing Color	Gray
Mech. impact protection code	IK09
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
07999100	BGP292 LED109-4S/740 II DM10 7043 D9 48/	LED109	1 unit
05877400	BGP293 LED240-4S/740 I DM11 48/60S	LED240	1 unit
07898700	BGP293 LED180-4S/740 II DM50 D9 48/60S	LED180	1 unit
07928100	BGP393 LED240-4S/740 II DM11 D9 48/60S	LED240	1 unit
05878100	BGP294 LED340-4S/740 I DM11 48/60S PLS	LED340	2 units
18176200	BGP294 LED400-4S/740 II DM11 CLO S05Z1Z1	LED400	2 units

Light Technical

LumiStreet gen2

Order Code	Full Product Name	Luminaire light beam spread	Luminous Flux	Optic type outdoor
07999100	BGP292 LED109-4S/740 II DM10 7043 D9 48/	157° - 33° x 55°	9,460 lm	Distribution medium 10
05877400	BGP293 LED240-4S/740 I DM11 48/60S	160° - 42° x 54°	20,160 lm	Distribution medium 11
07898700	BGP293 LED180-4S/740 II DM50 D9 48/60S	154° - 31° x 54°	15,300 lm	Distribution medium 50

Order Code	Full Product Name	Luminaire light beam spread	Luminous Flux	Optic type outdoor
07928100	BGP393 LED240-4S/740 II DM11 D9 48/60S	160° - 42° x 54°	20,160 lm	Distribution medium 11
05878100	BGP294 LED340-4S/740 I DM11 48/60S PLS	160° - 42° x 54°	29,240 lm	Distribution medium 11
18176200	BGP294 LED400-4S/740 II DM11 CLO S05Z1Z1	160° - 42° x 54°	32,300 lm	Distribution medium 11

Operating and Electrical

Order Code	Full Product Name	Power Consumption	Surge Protection (Common/Differential)
07999100	BGP292 LED109-4S/740 II DM10 7043 D9 48/	63 W	Surge protection level until 6 kV differential mode and 8 kV common mode
05877400	BGP293 LED240-4S/740 I DM11 48/60S	138 W	Surge protection level until 6 kV differential mode and 8 kV common mode
07898700	BGP293 LED180-4S/740 II DM50 D9 48/60S	104 W	Surge protection level until 6 kV differential mode and 8 kV common mode

Order Code	Full Product Name	Power Consumption	Surge Protection (Common/Differential)
07928100	BGP393 LED240-4S/740 II DM11 D9 48/60S	138 W	Surge protection level until 6 kV differential mode and 8 kV common mode
05878100	BGP294 LED340-4S/740 I DM11 48/60S PLS	186 W	Surge protection level until 6 kV differential mode and 8 kV common mode
18176200	BGP294 LED400-4S/740 II DM11 CLO S05Z1Z1	220 W	Standard surge protection level

Controls and Dimming

Order Code	Full Product Name	Dimmable	Maximum dim level
07999100	BGP292 LED109-4S/740 II DM10 7043 D9 48/	Yes	0% (digital)
05877400	BGP293 LED240-4S/740 I DM11 48/60S	No	0% (digital)
07898700	BGP293 LED180-4S/740 II DM50 D9 48/60S	Yes	0% (digital)
07928100	BGP393 LED240-4S/740 II DM11 D9 48/60S	No	0% (digital)

Order Code	Full Product Name	Dimmable	Maximum dim level
05878100	BGP294 LED340-4S/740 I DM11 48/60S PLS	No	0% (digital)
18176200	BGP294 LED400-4S/740 II DM11 CLO S05Z1Z1	No	Programmable

Over Time Performance (IEC Compliant)

Order Code	Full Product Name	Driver failure rate at 5000 h
07999100	BGP292 LED109-4S/740 II DM10 7043 D9 48/	0.5 %
05877400	BGP293 LED240-4S/740 I DM11 48/60S	0.5 %
07898700	BGP293 LED180-4S/740 II DM50 D9 48/60S	0.5 %

Order Code	Full Product Name	Driver failure rate at 5000 h
07928100	BGP393 LED240-4S/740 II DM11 D9 48/60S	0.5 %
05878100	BGP294 LED340-4S/740 I DM11 48/60S PLS	0.5 %
18176200	BGP294 LED400-4S/740 II DM11 CLO S05Z1Z1	-

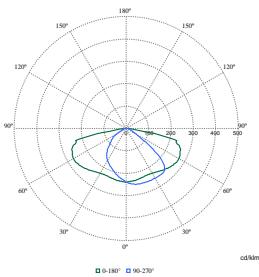
Product Data

Order Code	Full Product Name	Product family code
07999100	BGP292 LED109-4S/740 II DM10 7043 D9 48/	BGP292
05877400	BGP293 LED240-4S/740 I DM11 48/60S	BGP293
07898700	BGP293 LED180-4S/740 II DM50 D9 48/60S	BGP293

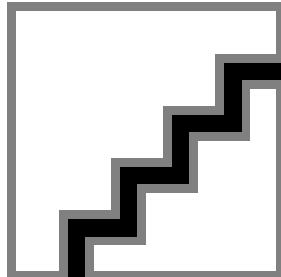
Order Code	Full Product Name	Product family code
07928100	BGP393 LED240-4S/740 II DM11 D9 48/60S	BGP393
05878100	BGP294 LED340-4S/740 I DM11 48/60S PLS	BGP294
18176200	BGP294 LED400-4S/740 II DM11 CLO S05Z1Z1	BGP294

LumiStreet gen2

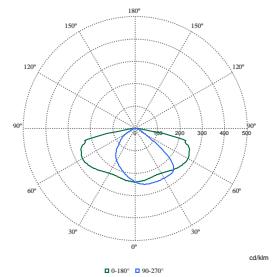
Polar Wide Diagrams



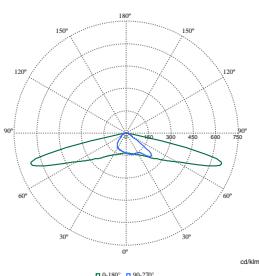
Polar Normal (separate) - BGP283I -
910925866444



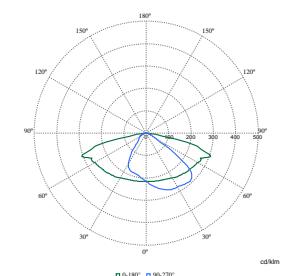
Polar Normal (separate) - BGP284I -
910925866445



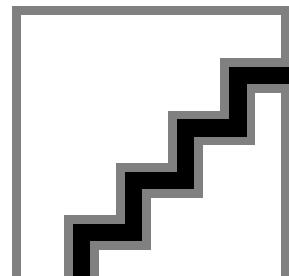
Polar Normal (separate) - BGP283I -
910925866662



Polar Normal (separate) - BGP283I -
910925866632



Polar Normal (separate) - BGP282I -
910925866734



Polar Normal (separate) - BGP284I -
910925866914

