



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 tiltable spigot
- Easy luminaire identification due to the Philips 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

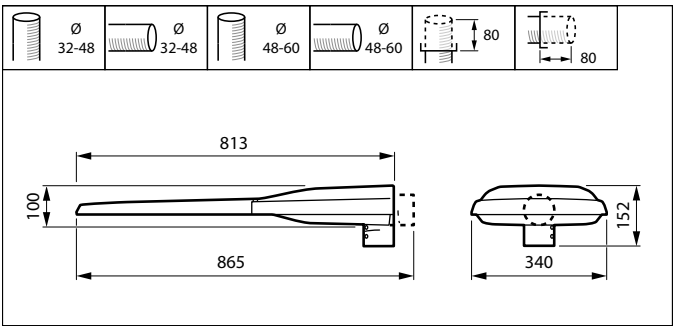
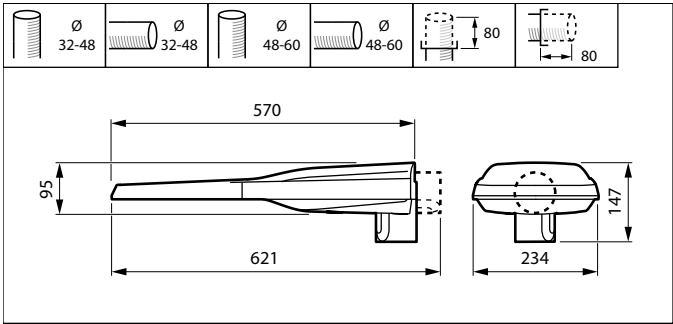
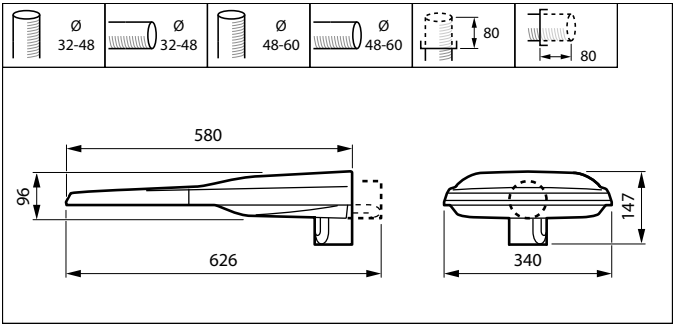
- Roads and streets
- Residential streets

Versions



LumiStreet/UniStreet gen2 Mini

Dimensional drawing



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



General Information	
CE mark	Yes
Driver included	Yes
Flammability mark	For mounting on normally flammable surfaces
Light source replaceable	Yes
Service tag	Yes
Light Technical	
Light source color	740 neutral white
Correlated Color Temperature (Nom)	4000 K
Optical cover type	Flat glass
Color rendering index (CRI)	70
Standard tilt angle side entry	0°
Standard tilt angle posttop	0°
Upward light output ratio	0
Mechanical and Housing	
Housing Color	Gray
Approval and Application	
Mech. impact protection code	IK08
Ingress protection code	IP66

General Information

Order Code	Full Product Name	Lamp family code	Number of gear units	Product family code
07999100	BGP292 LED109-4S/740 II DM10 7043 D9 48/	LED109	1 unit	BGP292
05877400	BGP293 LED240-4S/740 I DM11 48/60S	LED240	1 unit	BGP293
07898700	BGP293 LED180-4S/740 II DM50 D9 48/60S	LED180	1 unit	BGP293
07928100	BGP393 LED240-4S/740 II DM11 D9 48/60S	LED240	1 unit	BGP393
05878100	BGP294 LED340-4S/740 I DM11 48/60S PLS	LED340	2 units	BGP294
18176200	BGP294 LED400-4S/740 II DM11 CLO S05Z1Z1	LED400	2 units	BGP294

Light Technical

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°	9,570 lm	Distribution medium 10
05877400	BGP293 LED240-4S/740 I DM11 48/60S	160° - 42° x 54°	20,640 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°	20,640 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
07999100	BGP292 LED109-4S/740 II DM10 7043 D9 48/	65 W
05877400	BGP293 LED240-4S/740 I DM11 48/60S	142 W
07898700	BGP293 LED180-4S/740 II DM50 D9 48/60S	108 W

Order Code	Full Product Name	Power Consumption
07928100	BGP393 LED240-4S/740 II DM11 D9 48/60S	142 W
05878100	BGP294 LED340-4S/740 I DM11 48/60S PLS	194 W
18176200	BGP294 LED400-4S/740 II DM11 CLO S05Z1Z1	220 W

Controls and Dimming

Order Code	Full Product Name	Dimmable
07999100	BGP292 LED109-4S/740 II DM10 7043 D9 48/	Yes
05877400	BGP293 LED240-4S/740 I DM11 48/60S	No
07898700	BGP293 LED180-4S/740 II DM50 D9 48/60S	Yes

Order Code	Full Product Name	Dimmable
07928100	BGP393 LED240-4S/740 II DM11 D9 48/60S	Yes
05878100	BGP294 LED340-4S/740 I DM11 48/60S PLS	No
18176200	BGP294 LED400-4S/740 II DM11 CLO S05Z1Z1	Yes

Approval and Application

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

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

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	-

Application Conditions

Order Code	Full Product Name	Maximum dim level
07999100	BGP292 LED109-4S/740 II DM10 7043 D9 48/	0% (digital)
05877400	BGP293 LED240-4S/740 I DM11 48/60S	0% (digital)
07898700	BGP293 LED180-4S/740 II DM50 D9 48/60S	0% (digital)

Order Code	Full Product Name	Maximum dim level
07928100	BGP393 LED240-4S/740 II DM11 D9 48/60S	0% (digital)
05878100	BGP294 LED340-4S/740 I DM11 48/60S PLS	0% (digital)
18176200	BGP294 LED400-4S/740 II DM11 CLO S05Z1Z1	Programmable

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

