The easy way to ledify your road lighting – UniStreet gen2

UniStreet gen2

Designed for ledification projects, the UniStreet gen2 is the ideal 1:1 luminaire replacement for municipalities. Thanks to its high efficiency and low initial cost, the UniStreet 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, UniStreet 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
- 1 to 1 replacement for conventional luminaires
- 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
- 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
- Increased shock resistance with optional IK09 glass cover

UniStreet gen2

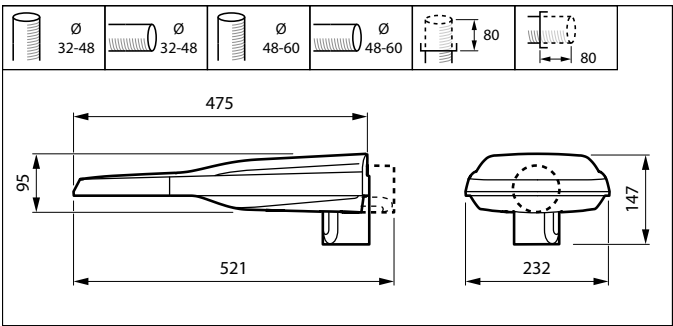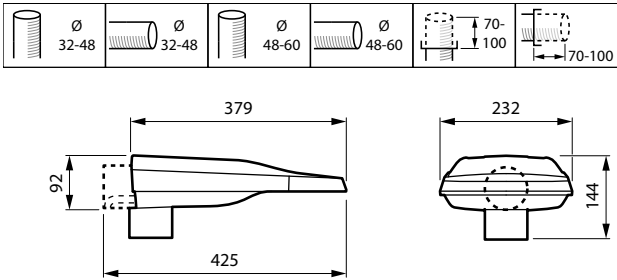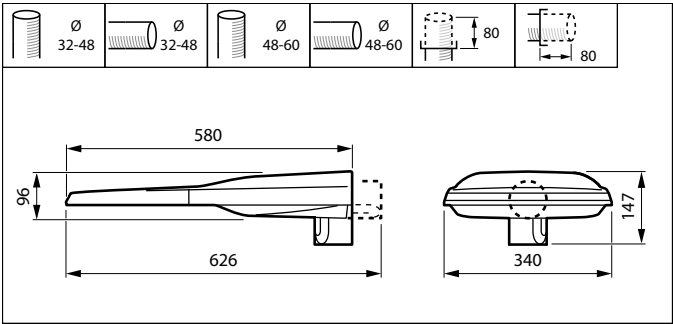## Application
· Roads and streets
· Residential streets

Versions

UniStreet LumiStreet gen2 Nano

LumiStreet/UniStreet gen2 Medium

LumiStreet/UniStreet gen2 Micro

Dimensional drawing

UniStreet gen2

Product details

UniStreet LumiStreet gen2 Nano
top side view with Zhaga sockets

UniStreet_LumiStreet_gen2

UniStreet LumiStreet gen2 Nano
profile view

UniStreet LumiStreet gen2 Nano
gear compartment

UniStreet_LumiStreet_gen2

UniStreet_LumiStreet_gen2

UniStreet_LumiStreet_gen2

UniStreet LumiStreet gen2 Nano
spigot view

Bottom view for spigot regulation
and screw

Product details

UniStreet LumiStreet gen2 Nano
spigot view

UniStreet LumiStreet gen2 Nano
profile view with Zhaga sockets

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

UniStreet_LumiStreet_gen2

UniStreet_LumiStreet_gen2

UniStreet gen2

General Information

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

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
62780200	BGP280 LED50-1F/740 I DM10 48/60S	LED50
10039800	BGP283 LED200-4S/740 I DX10 ALU 48/60S	LED200
10008400	BGP281 LED35-4S/740 I DN10 DDF2 D18 SRG1	LED35

Light Technical

Order Code	Full Product Name	Luminaire light beam spread	Luminous Flux	Optic type outdoor
62780200	BGP280 LED50-1F/740 I DM10 48/60S	157° – 33° x 55°	4,100 lm	Distribution medium 10
10039800	BGP283 LED200-4S/740 I DX10 ALU 48/60S	150° – 43° x 67°	17,000 lm	Distribution extra wide 10

Order Code	Full Product Name	Luminaire light beam spread	Luminous Flux	Optic type outdoor
10008400	BGP281 LED35-4S/740 I DN10 DDF2 D18 SRG1	68° x 158°	3,080 lm	Distribution narrow 10

Operating and Electrical

Order Code	Full Product Name	Power Consumption	Surge Protection (Common/ Differential)
62780200	BGP280 LED50-1F/740 I DM10 48/60S	31 W	Surge protection level until 6 kV differential mode and 8 kV common mode
10039800	BGP283 LED200-4S/740 I DX10 ALU 48/60S	112 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)
10008400	BGP281 LED35-4S/740 I DN10 DDF2 D18 SRG1	22.5 W	Surge protection level until 10 kV differential mode and 10 kV common mode

Controls and Dimming

UniStreet gen2

Order Code	Full Product Name	Dimmable
62780200	BGP280 LED50-1F/740 I DM10 48/60S	No
10039800	BGP283 LED200-4S/740 I DX10 ALU 48/60S	No

Order Code	Full Product Name	Dimmable
10008400	BGP281 LED35-4S/740 I DN10 DDF2 D18 SRG1	Yes

Mechanical and Housing

Order Code	Full Product Name	Mech. impact protection code
62780200	BGP280 LED50-1F/740 I DM10 48/60S	IK08
10039800	BGP283 LED200-4S/740 I DX10 ALU 48/60S	IK09

Order Code	Full Product Name	Mech. impact protection code
10008400	BGP281 LED35-4S/740 I DN10 DDF2 D18 SRG1	IK09

Over Time Performance (IEC Compliant)

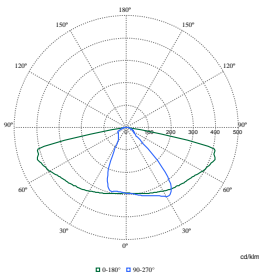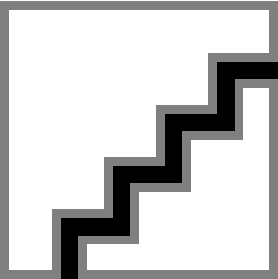| Order Code	Full Product Name	Driver failure rate at 5000 h
62780200	BGP280 LED50-1F/740 I DM10 48/60S	–
10039800	BGP283 LED200-4S/740 I DX10 ALU 48/60S	0.5 %

Order Code	Full Product Name	Driver failure rate at 5000 h
10008400	BGP281 LED35-4S/740 I DN10 DDF2 D18 SRG1	0.5 %

Product Data

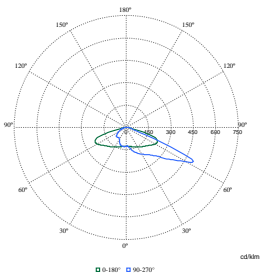| Order Code	Full Product Name	Product family code
62780200	BGP280 LED50-1F/740 I DM10 48/60S	BGP280
10039800	BGP283 LED200-4S/740 I DX10 ALU 48/60S	BGP283

Order Code	Full Product Name	Product family code
10008400	BGP281 LED35-4S/740 I DN10 DDF2 D18 SRG1	BGP281

Polar Wide Diagrams

Polar Normal (separate) – BGP280I – 910925868726

Polar Normal (separate) – BGP281I – 910925866743

Polar Normal (separate) – BGP283I – 910925866774

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2025, December 13 – data subject to change