The easy way to ledify your road lighting – UniStreet gen2

UniStreet gen2

Designed for large-scale 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) socket makes it future-ready and you can pair this luminaire with lighting control and software applications such as Interact City. Available with a 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 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

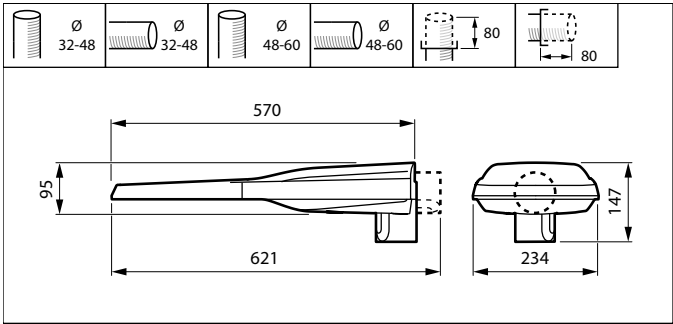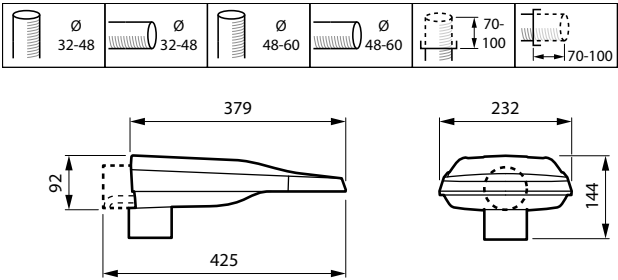## Application

· Roads and streets

· Residential streets

Versions

UniStreet LumiStreet gen2 Nano

LumiStreet/UniStreet gen2 Mini

Dimensional drawing

Ø 32-48	Ø 32-48	Ø 48-60	Ø 48-60	70-100	70-100

379
232
92
144
425

Ø 32-48	Ø 32-48	Ø 48-60	Ø 48-60	80	80

570
95
621
234
147

Product details

UniStreet LumiStreet gen2 Nano
top side view with Zhaga sockets

UniStreet LumiStreet gen2 Nano
profile view
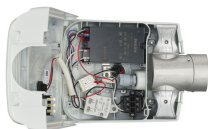
Product details

UniStreet_LumiStreet_gen2

UniStreet_LumiStreet_gen2

UniStreet LumiStreet gen2 Nano gear compartment

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 gen2

Product details

**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 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

Operating and Electrical

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

Controls and Dimming

Dimmable	No
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
910925868720	BGP280 LED50-1F/740 I DM10 48/60S	LED50
910925866677	BGP282 LED60-4S/740 I DM50 D948/60S	LED60

Light Technical

Order Code	Full Product Name	Luminaire light beam spread	Luminous Flux	Optic type outdoor
910925868720	BGP280 LED50-1F/740 I DM10 48/60S	157° – 33° x 55°	4,100 lm	Distribution medium 10

Order Code	Full Product Name	Luminaire light beam spread	Luminous Flux	Optic type outdoor
910925866677	BGP282 LED60-4S/740 I DM50 D948/60S	154° – 31° x 54°	5,220 lm	Distribution medium 50

Operating and Electrical

Order Code	Full Product Name	Power Consumption
910925868720	BGP280 LED50-1F/740 I DM10 48/60S	31 W

Order Code	Full Product Name	Power Consumption
910925866677	BGP282 LED60-4S/740 I DM50 D948/60S	36.5 W

Mechanical and Housing

UniStreet gen2

Order Code	Full Product Name	Mech. impact protection code	Order Code	Full Product Name	Mech. impact protection code
910925868720	BGP280 LED50-1F/740 I DM10 48/60S	IK08	910925866677	BGP282 LED60-4S/740 I DM50 D948/60S	IK09

Over Time Performance (IEC Compliant)

Order Code	Full Product Name	Driver failure rate at 5000 h	Order Code	Full Product Name	Driver failure rate at 5000 h
910925868720	BGP280 LED50-1F/740 I DM10 48/60S	–	910925866677	BGP282 LED60-4S/740 I DM50 D948/60S	0.5 %

Product Data

Order Code	Full Product Name	Product family code	Order Code	Full Product Name	Product family code
910925868720	BGP280 LED50-1F/740 I DM10 48/60S	BGP280	910925866677	BGP282 LED60-4S/740 I DM50 D948/60S	BGP282

Polar Wide Diagrams

Polar Normal (separate) – BGP280I – 910925868726

Polar Normal (separate) – BGP282I – 910925866677