

UniStreet gen2 Solar

VGP282



Power your road lighting by solar energy – UniStreet gen2 Solar

Designed for large-scale projects, our luminaire is the ideal solution for municipalities who seek to meet their sustainability goals. Thanks to its energy-efficiency and low initial cost, the UniStreet gen2 Solar enables a fast payback and significant energy savings in a short period of time. All by using free, abundant solar power. The UniStreet gen2 Solar, comes with several different optics and lumen packages customised to fit exact project requirements. Thanks to the service tag, you will enjoy the benefits of hassle-free installation and maintenance, and at the end of its lifetime, our luminaire is ready to be dismantled and recycled.

Benefits

- Compatible with a wide range of Solar sub-systems which include battery, PV panel, charge controller for both off-grid and hybrid power options
- 1 to 1 replacement for conventional luminaires
- High energy-efficiency
- Low TCO (total cost of ownership)
- Made of high-quality materials for a longer lifetime and minimised maintenance

Applications

- Ring roads
- Cycle paths
- Residential areas
- Peripheral roads

Features

- Dedicated Solar sub-systems like Charge Controller, Battery, PV panel and connecting cables with IP67 connectors enabling faster, safer, installation and maintenance
- Wide application coverage thanks to numerous different optics, an extensive range of flux and tillable spigot

- Easy luminaire identification and hassle-free maintenance thanks to Service tag
- Equipped with dedicated light recipes that help with:
 - 1) Maintaining an optimal ecosystem for bats
 - 2) Preserving a dark night sky and reducing light pollution
- Increased shock resistance with optional IK09 glass cover

Versions

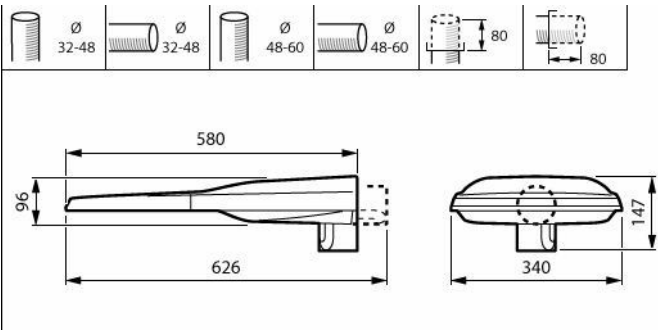
UniStreet gen2 Mini Solar



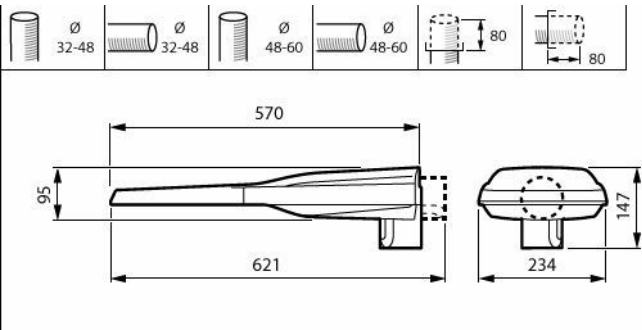
UniStreet gen2 Medium Solar



Dimensional drawing



VGP283 80 4S/730 48V III DM10 48/60S



VGP282 40 4S/740 24V III DM10 48/60S

General Information	
Light source replaceable	Yes
Driver included	No
Service Tag	Yes
Light Technical	
Upwards light output ratio	0
Colour rendering index (CRI)	70
Luminaire light beam spread	155° x 86°
Optic type outdoor	Distribution medium 10
Operating and Electrical	
Surge Protection (Common/Differential)	-

Controls and Dimming

Dimmable No

Mechanical and Housing

Housing Colour Grey

Ingress protection code IP66 [Dust penetration-protected, jet-proof]

Mech. impact protection code IK08 [5 J vandal-protected]

Standard tilt angle post-top -

Standard tilt angle side entry 0°

Optical cover type Flat glass

Approval and Application

Flammability mark For mounting on normally flammable surfaces

CE mark Yes

Light Technical

Order Code	Full Product Name	Correlated Colour Temperature (Nom)	Number of light sources	Light source colour
910925868304	VGP282 40 4S/730 24V III DM10 48/60S	3000 K	1	730 warm white
910925868306	VGP282 40 4S/740 24V III DM10 48/60S	4000 K	1	740 neutral white
910925868307	VGP283 80 4S/730 48V III DM10 48/60S	3000 K	2	730 warm white
910925868309	VGP283 80 4S/740 48V III DM10 48/60S	4000 K	2	740 neutral white

Product Data

Order Code	Full Product Name	Product family code
910925868304	VGP282 40 4S/730 24V III DM10 48/60S	VGP282
910925868306	VGP282 40 4S/740 24V III DM10 48/60S	VGP282
910925868307	VGP283 80 4S/730 48V III DM10 48/60S	VGP283
910925868309	VGP283 80 4S/740 48V III DM10 48/60S	VGP283