



# Power your road lighting by solar energy – UniStreet gen2 Solar

## 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, UniStreet gen2 Solar enables a fast payback and significant energy savings in a short period of time. All, by using the free, abundant solar power. UniStreet gen2 Solar, comes with several different optics and lumen packages customized to fit exact project requirements. Thanks to Service tag, you will enjoy the benefits of hassle free installation and maintenance while at the end of its lifetime our luminaire is ready to be dismantled and recycled. The compact luminaire, using high-quality materials is also easy to dismantle and recycle at the end of its lifetime

### Benefits

- Compatible with a wide range of PHILIPS Solar sub-systems which include Battery, PV Panel, and Charge Controller for both OFF-Grid and HY-Brid power options
- 1 to 1 replacement for conventional luminaires
- High energy efficiency
- Low TCO (Total Cost of Ownership)
- Made of high-quality materials for longer lifetime and minimized maintenance

# UniStreet gen2 Solar

## Features

- Dedicated Philips Solar sub-systems like Charge Controller, Battery, PV panel, connecting cables with IP67 connectors enabling faster, safer, installation and maintenance
- Wide application coverage thanks to numerous different optics, 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 reduce light pollution
- Increased shock resistance with optional IK09 glass cover

## Application

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

## Versions



UniStreet gen2 Mini Solar



UniStreet gen2 Medium Solar

## Product details



UniStreet gen2 Mini Solar



UniStreet gen2 Mini Solar

# UniStreet gen2 Solar

## Product details

UniStreet gen2 Mini Solar



UniStreet gen2 Medium Solar



Bottom view for spigot regulation and screw



UniStreet gen2 Medium Solar



## Approval and Application

Mech. impact protection code	IK08
Surge Protection (Common/Differential)	-

## Controls and Dimming

Dimmable	Yes
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## General Information

Luminaire light beam spread	155° x 86°
CE mark	CE mark
Optical cover/lens type	Flat glass
Driver included	No
Flammability mark	For mounting on normally flammable surfaces
Light source replaceable	Yes
Optic type	Distribution medium 10

## Light Technical

Standard tilt angle side entry	0°
Standard tilt angle posttop	-
Upward light output ratio	0

## Mechanical and Housing

Color	Gray
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## General Information

Order Code	Full Product Name	Light source color	Number of light sources	Product Family Code
910925868304	VGP282 40 4S/730 24V III DM10 48/60S	730 warm white	1 pc	VGP282
910925868305	VGP282 40 4S/830 24V III DM10 48/60S	830 warm white	1 pc	VGP282
910925868306	VGP282 40 4S/740 24V III DM10 48/60S	740 neutral white	1 pc	VGP282
910925868307	VGP283 80 4S/730 48V III DM10 48/60S	730 warm white	2 pcs	VGP283
910925868308	VGP283 80 4S/830 48V III DM10 48/60S	830 warm white	2 pcs	VGP283
910925868309	VGP283 80 4S/740 48V III DM10 48/60S	740 neutral white	2 pcs	VGP283

## Initial Performance (IEC Compliant)

Order Code	Full Product Name	Init. Corr. Color Temperature	Init. Color Rendering Index
910925868304	VGP282 40 4S/730 24V III DM10 48/60S	3000 K	>70
910925868305	VGP282 40 4S/830 24V III DM10 48/60S	3000 K	>80
910925868306	VGP282 40 4S/740 24V III DM10 48/60S	4000 K	>70

Order Code	Full Product Name	Init. Corr. Color Temperature	Init. Color Rendering Index
910925868307	VGP283 80 4S/730 48V III DM10 48/60S	3000 K	>70
910925868308	VGP283 80 4S/830 48V III DM10 48/60S	3000 K	>80
910925868309	VGP283 80 4S/740 48V III DM10 48/60S	4000 K	>70

