



# 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

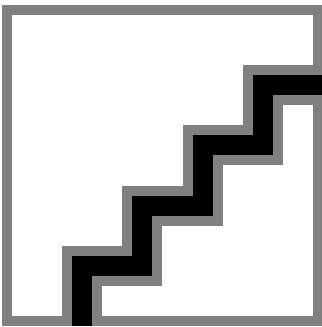
## Features

- 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

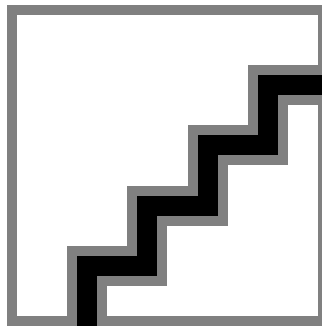
## Application

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

## Versions

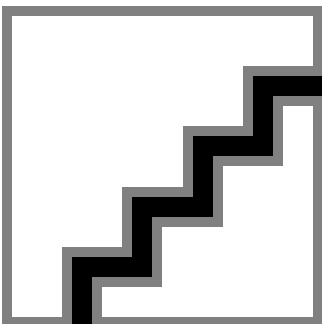


UniStreet gen2 Mini Solar

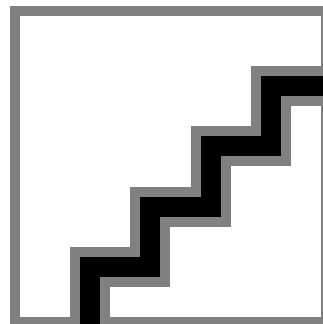


UniStreet gen2 Medium Solar

## Product details



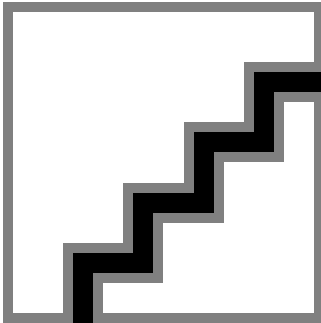
UniStreet gen2 Mini Solar



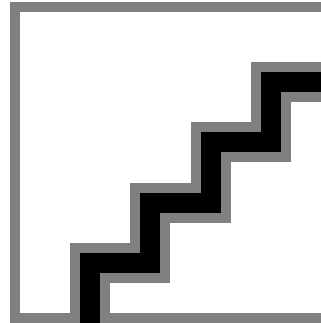
UniStreet gen2 Mini Solar

# UniStreet gen2 Solar

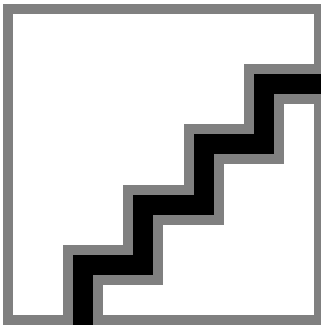
## Product details



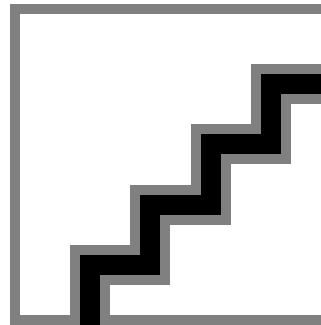
UniStreet gen2 Mini Solar



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 |
|----------|-----|

### General information

|                             |                        |
|-----------------------------|------------------------|
| Luminaire light beam spread | 155° x 86°             |
| CE mark                     | CE mark                |
| Optical cover/lens type     | FG                     |
| Driver included             | No                     |
| Flammability mark           | F                      |
| 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 |
|-------|------|

### General information

| Order Code | Full Product Name                    | Light source color | Number of light sources | Product Family Code |
|------------|--------------------------------------|--------------------|-------------------------|---------------------|
| 62368200   | VGP282 40 4S/730 24V III DM10 48/60S | 730 warm white     | 1                       | VGP282              |
| 62369900   | VGP282 40 4S/830 24V III DM10 48/60S | 830 warm white     | 1                       | VGP282              |
| 62370500   | VGP282 40 4S/740 24V III DM10 48/60S | 740 neutral white  | 1                       | VGP282              |
| 62371200   | VGP283 80 4S/730 48V III DM10 48/60S | 730 warm white     | 2                       | VGP283              |
| 62372900   | VGP283 80 4S/830 48V III DM10 48/60S | 830 warm white     | 2                       | VGP283              |
| 62373600   | VGP283 80 4S/740 48V III DM10 48/60S | 740 neutral white  | 2                       | VGP283              |

## Initial performance (IEC compliant)

## UniStreet gen2 Solar

| Order Code | Full Product Name                    | Init. Corr. Color Temperature | Init. Color Rendering Index |
|------------|--------------------------------------|-------------------------------|-----------------------------|
| 62368200   | VGP282 40 4S/730 24V III DM10 48/60S | 3000 K                        | >70                         |
| 62369900   | VGP282 40 4S/830 24V III DM10 48/60S | 3000 K                        | >80                         |
| 62370500   | 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 |
|------------|--------------------------------------|-------------------------------|-----------------------------|
| 62371200   | VGP283 80 4S/730 48V III DM10 48/60S | 3000 K                        | >70                         |
| 62372900   | VGP283 80 4S/830 48V III DM10 48/60S | 3000 K                        | >80                         |
| 62373600   | VGP283 80 4S/740 48V III DM10 48/60S | 4000 K                        | >70                         |

