



# 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

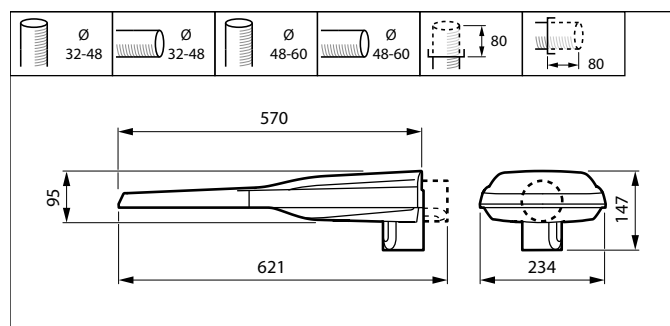
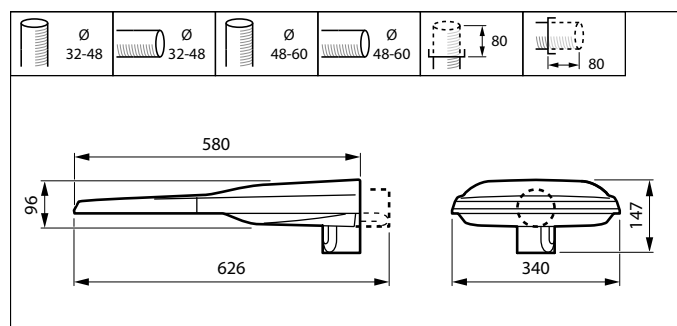
## Features

- 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

## Dimensional drawing



## Product details

UniStreet gen2 Medium Solar



UniStreet gen2 Mini Solar



Bottom view for spigot regulation and screw



UniStreet gen2 Mini Solar



# UniStreet gen2 Solar

## Product details

UniStreet gen2 Medium Solar



UniStreet gen2 Mini Solar



### General Information

CE mark	Yes
Driver included	No
Flammability mark	For mounting on normally flammable surfaces
Light source replaceable	Yes

### Light Technical

Luminaire light beam spread	155° x 86°
Optical cover type	Flat glass
Optic type outdoor	Distribution medium 10
Standard tilt angle side entry	0°
Standard tilt angle posttop	-
Upward light output ratio	0

### Controls and Dimming

Dimmable	Yes
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### Mechanical and Housing

Housing Color	Gray
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### Approval and Application

Mech. impact protection code	IK08
Ingress protection code	IP66
Surge Protection (Common/Differential)	-

### General Information

Order Code	Full Product Name	Product family code
62368200	VGP282 40 4S/730 24V III DM10 48/60S	VGP282
62369900	VGP282 40 4S/830 24V III DM10 48/60S	VGP282
62370500	VGP282 40 4S/740 24V III DM10 48/60S	VGP282
62371200	VGP283 80 4S/730 48V III DM10 48/60S	VGP283
62372900	VGP283 80 4S/830 48V III DM10 48/60S	VGP283
62373600	VGP283 80 4S/740 48V III DM10 48/60S	VGP283

## Light Technical

Order Code	Full Product Name	Light source color	Correlated Color Temperature (Nom)	Color rendering index (CRI)	Number of light sources
62368200	VGP282 40 4S/730 24V III DM10 48/60S	730 warm white	3000 K	>70	1

Order Code	Full Product Name	Light source color	Correlated Color Temperature (Nom)	Color rendering index (CRI)	Number of light sources
62369900	VGP282 40 4S/830 24V III DM10 48/60S	830 warm white	3000 K	>80	1

UniStreet gen2 Solar

Order Code	Full Product Name	Light	Correlated		Number
		source	Color	Color	
		color	Temperature	rendering	of light
			(Nom)	index (CRI)	sources
62370500	VGP282 40	740 neutral	4000 K	>70	1
	4S/740 24V III	white			
	DM10 48/60S				
62371200	VGP283 80	730 warm	3000 K	>70	2
	4S/730 48V III	white			
	DM10 48/60S				

Order Code	Full Product Name	Light	Correlated		Number
		source	Color	Color	
		color	Temperature	rendering	of light
			(Nom)	index (CRI)	sources
62372900	VGP283 80	830 warm	3000 K	>80	2
	4S/830 48V III	white			
	DM10 48/60S				
62373600	VGP283 80	740 neutral	4000 K	>70	2
	4S/740 48V III	white			
	DM10 48/60S				

