PHILIPS Lighting



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
- \cdot High energy efficiency
- Low TCO (Total Cost of Ownership)
- \cdot 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:
- \cdot 1) Maintaining an optimal ecosystem for bats
- \cdot 2) Preserving a dark night sky and reduce light pollution
- \cdot Increased shock resistance with optional IK09 glass cover

Application

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

Versions



UniStreet gen2 Mini Solar

Dimensional drawing



Product details



UniStreet gen2 Medium Solar

Bottom view for spigot regulation and screw



UniStreet gen2 Medium Solar



UniStreet gen2 Mini Solar

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CE markYesDriver includedNoFor mounting on normally flammability markFor mounting on normally flammable surfacesLight source replaceableYesLight TechnicalYesLuminaire light beam spread155° x 86°Optical cover typeFlat glassOptic type outdoorDistribution medium 10Standard tilt angle side entryO°Standard tilt angle posttop-Upward light output ratioODimmableYesMechanical and HousingYesMechanical and ApplicationGrayMech. impact protection codeIK08Ingress protection (Common/-Differential)Yes	General Information				
Flammability mark For mounting on normally flammable surfaces Light source replaceable Yes Light Technical Image: Second Sec	CE mark	Yes			
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Surge Protection (Common/ -	Mech. impact protection code	IK08			
	Ingress protection code	IP66			
Differential)	Surge Protection (Common/	-			
	Differential)				

General Information

Order Code	Full Product Name	Product family code
910925868304	VGP282 40 4S/730 24V III DM10 48/60S	VGP282
910925868305	VGP282 40 4S/830 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
910925868308	VGP283 80 4S/830 48V III DM10 48/60S	VGP283
910925868309	VGP283 80 4S/740 48V III DM10 48/60S	VGP283

Light Technical

			Correlated						Correlated		
		Light	Color	Color	Number			Light	Color	Color	Number
	Full Product	source	Temperature	rendering	of light		Full Product	source	Temperature	rendering	of light
Order Code	Name	color	(Nom)	index (CRI)	sources	Order Code	Name	color	(Nom)	index (CRI)	sources
910925868304	VGP282 40	730 warm	3000 K	>70	1	910925868307	VGP283 80	730 warm	3000 K	>70	2
	4S/730 24V III	white					4S/730 48V III	white			
	DM10 48/60S						DM10 48/60S				
910925868305	VGP282 40	830 warm	3000 K	>80	1	910925868308	VGP283 80	830 warm	3000 K	>80	2
	4S/830 24V III	white					4S/830 48V III	white			
	DM10 48/60S						DM10 48/60S				
910925868306	VGP282 40	740	4000 K	>70	1	910925868309	VGP283 80	740	4000 K	>70	2
	4S/740 24V III	neutral					4S/740 48V III	neutral			
	DM10 48/60S	white					DM10 48/60S	white			



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