PHILIPS Lighting



Luma gen2 Solar – Using Solar power to light up your streets

Luma gen2 Solar

Meet your sustainability targets in an easy and fast way. we upgraded your most preferred luminaire Luma gen2 to be powered by Solar energy. Finless design, future-proof architecture, hustle-free maintenance and best in class lighting performance are some of the reasons we are proud of Luma gen2 Solar. Let's take a deep dive in all the characteristics we worked on to meet your lighting needs.

Benefits

- Compatible with a wide range of PHILIPS Solar sub-systems which include Battery, PV Panel, Charge Controller for both OFF-Grid and HY-Brid power options
- Customizable lighting solutions to suit your exact needs thanks to Ledgine O.
- \cdot Best in class efficiency and light performance in a broad range of applications
- Dedicated light recipes for:
- \cdot oDecreased light pollution
- \cdot oOptimal ecosystem for bats
- oPreservation of a dark night sky
- Improved serviceability thanks to Service tag, a QR-based identification system that makes each luminaire uniquely identifiable and provides maintenance, installation and spare part information
- Redesigned cable feed-through for tool-less access to the connection compartment

Features

- Dedicated Philips Solar sub-systems like Charge Controller, Battery, PV panel, connecting cables with IP67 connectors enabling faster, safer, installation and maintenance
- \cdot New cable feedthrough for easy installation
- Tilt now with 2,5 degrees precision
- \cdot Choice of 40+ different beams and option of different internal louvers
- Efficacy up to 165 lm/W

Application

- Roads and streets
- Residential streets

Versions



Luma gen2 medium Solar

Dimensional drawing

Product details



Luma gen2 mini Solar bottom view

Luma gen2 mini Solar side view



Luma gen2 medium Solar Spigot



Luma gen2 medium Solar Spigot



Luma gen2 medium Solar top view



Luma gen2 mini Solar top view



Luma gen2 medium Solar side view



Luma gen2 medium Solar with louver

Madaa

Product details



CE mark Driver included Flammability mark

General Information

flammable surfaces Light source replaceable Yes Light Technical - Luminaire light beam spread 155° x 86° Optical cover type 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 No Mechanical and Housing - Housing Color Dark gray Mech. impact protection code IK10 Ingress protection (Common/ - Differential) -		normally
Light source replaceable Yes Light Technical - Luminaire light beam spread 155° x 86° Optical cover type Glass Optic type outdoor Distribution medium 10 Standard tilt angle side entry 0° Standard tilt angle posttop - Upward light output ratio 0 Dimmable No Mechanical and Housing Dark gray Housing Color Dark gray Mech. impact protection code IK10 Ingress protection (Common/ -		flammable
Light Technical Luminaire light beam spread J55° x 86° Optical cover type Glass Optic type outdoor Distribution medium 10 Standard tilt angle side entry O° Standard tilt angle posttop Jupward light output ratio O Controls and Dimming Dimmable No Mechanical and Housing Housing Color Dark gray Approval and Application Mech. impact protection code IK10 Ingress protection (Common/ -		surfaces
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medium 10 Standard tilt angle side entry 0° Standard tilt angle posttop - Upward light output ratio 0 Upward light output ratio 0 Controls and Dimming - Dimmable No Mechanical and Housing - Housing Color Dark gray Approval and Application - Mech. impact protection code IK10 Ingress protection (Common/ -	Optical cover type	Glass
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Standard tilt angle posttop - Upward light output ratio 0 Controls and Dimming - Dimmable No Mechanical and Housing - Housing Color Dark gray Approval and Application - Mech. impact protection code IK10 Ingress protection code IP66 Surge Protection (Common/ -		medium 10
Upward light output ratio 0 Controls and Dimming	Standard tilt angle side entry	0°
Controls and Dimming Dimmable No Mechanical and Housing Housing Color Dark gray Approval and Application Mech. impact protection code IK10 Ingress protection code IP66 Surge Protection (Common/ -	Standard tilt angle posttop	-
Dimmable No Mechanical and Housing Image: Color Housing Color Dark gray Approval and Application Image: Color Mech. impact protection code IK10 Ingress protection code IP66 Surge Protection (Common/ -	Upward light output ratio	0
Dimmable No Mechanical and Housing Image: Color Housing Color Dark gray Approval and Application Image: Color Mech. impact protection code IK10 Ingress protection code IP66 Surge Protection (Common/ -		
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Housing Color Dark gray Approval and Application Mech. impact protection code IK10 Ingress protection code IP66 Surge Protection (Common/ -		
Approval and Application Mech. impact protection code IK10 Ingress protection code IP66 Surge Protection (Common/	Mechanical and Housing	
Mech. impact protection code IK10 Ingress protection code IP66 Surge Protection (Common/ -	Housing Color	Dark gray
Mech. impact protection code IK10 Ingress protection code IP66 Surge Protection (Common/ -		
Ingress protection code IP66 Surge Protection (Common/ -	Approval and Application	
Surge Protection (Common/ -	Mech. impact protection code	IK10
• • • • •	Ingress protection code	IP66
Differential)	Surge Protection (Common/	-
	Differential)	

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
910925868310	VGP703 40 4S	730 warm	3000 K	>70	1	910925868311	VGP703 40 4S	830 warm	3000 K	>80	1
	730 24V III DM10	white					830 24V III DM10	white			
	42/60S						42/60S				

General Information

Luma gen2 medium Solar

Yes

No

For mounting on

Order Code	Full Product Name	Product family code
910925868310	VGP703 40 4S 730 24V III DM10 42/60S	VGP703
910925868311	VGP703 40 4S 830 24V III DM10 42/60S	VGP703
910925868312	VGP703 40 4S 740 24V III DM10 42/60S	VGP703
910925868313	VGP704 80 4S 730 48V III DM10 42/60S	VGP704
910925868314	VGP704 80 4S 830 48V III DM10 42/60S	VGP704
910925868315	VGP704 80 4S 740 48V III DM10 42/60S	VGP704

			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
910925868312	VGP703 40 4S	740	4000 K	>70	1	910925868314	VGP704 80 4S	830 warm	3000 K	>80	2
	740 24V III DM10	neutral					830 48V III DM10	white			
	42/60S	white					42/60S				
910925868313	VGP704 80 4S	730 warm	3000 K	>70	2	910925868315	VGP704 80 4S	740	4000 K	>70	2
	730 48V III DM10	white					740 48V III DM10	neutral			
	42/60S						42/60S	white			



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